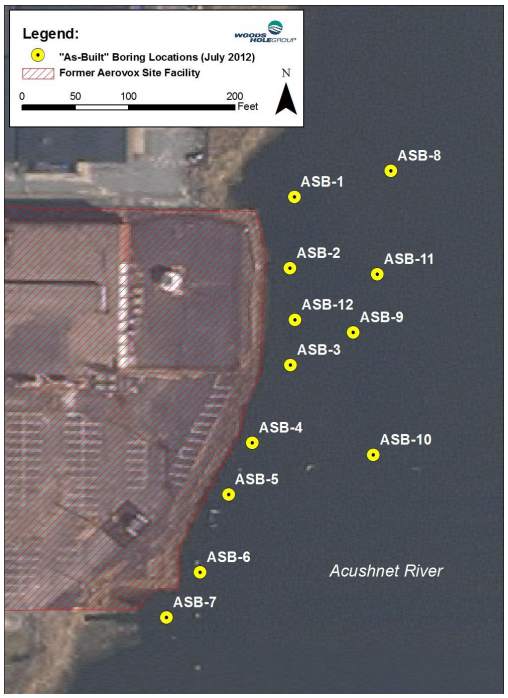
FINAL REPORT

SEDIMENT BORING COLLECTION AND ANALYSIS OFF THE FORMER AEROVOX SITE PROPERTY SHORELINE, NEW BEDFORD, MA

APRIL 2013

NEW BEDFORD HARBOR SUPERFUND SITE, OU #1

Contract No. W912WJ-09-D-0001-0010-05



Prepared For:
United States Army Corps of Engineers
New England District
696 Virginia Road
Concord, MA 01742

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April 2013

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EXECUTIVE SUMMARY

The primary objective of this project was to obtain a vertical profile of contaminants along the former Aerovox Site facility shoreline, from the sediment water interface to bedrock. The secondary goal was to identify potential pathways for contaminant transport within the sediment using analytical data and geotechnical data. The objectives of the project were achieved with twelve (12) sediment borings using a barge mounted sonic drill rig as the sampling platform. Sediment boring stations were identified as ASB-1 through ASB-12. The subtidal and intertidal areas where sediment borings were collected had been previously dredged by the EPA in 1994 and 2008.

One hundred twenty-three (123) analytical field samples, plus QC, were collected from the boring sections. Each sample was collected from a half-foot (0.5) interval of sediment and was submitted for analysis of PCBs (Aroclors), VOCs, and SVOCs, and an archive sample for possible PCB 209 Congeners analysis. All split sediment boring sections were measured, photographed, described, and logged by a trained soil scientist. Textural, sorting, consistency/firmness, and color descriptions were performed according to USCS and Munsell standards. Other characteristic information regarding odor, PID readings, stratigraphy, and analytical sample collection intervals are provided on the boring logs. In all cases, boring collection ceased at bedrock, whether verified with the recovery of a plug of stone, or through drill rig characteristics and feedback provided by the driller.

In general, the borings contained a top-to-bottom stratigraphic sequence of: 1) marine deposits; 2) glacial outwash deposits; 3) glacial till deposits; and 4) bedrock. Marine deposits consisted of organic silts, silts, sands, and gravel with sand, with varying color from black to grey. Glacial outwash deposits were coarse in texture, consisting of mixes of sand and gravel, with varied color between yellow, brown, and grey. Glacial till deposits were comprised of a fine-grained matrix but texturally variable, poorly sorted within the stratigraphic unit, and colored olive, greenish grey, and grey. Bedrock or weathered bedrock was observed between an elevation of -26.3 and -37.4 feet NGVD29, with an average elevation of -30.8 feet, NGVD29. Two borings, ASB-7 and ASB-12, contained a thin layer of peat in the upper sections of the borings between the marine and glacial outwash strata.

A group of seven (7) site specific contaminants-of-concern, chosen by the USACE-NAE and USEPA, are presented in this document. These seven analytes include: Aroclor 1242, Aroclor 1254, Tetrachloroethene (PCE), Trichloroethene (TCE), cis-1,2-Dichloroethene, Vinyl Chloride, and 1,2,4-Trichlorobenzene. The rationale for reporting the analytical results for these specific target analytes is based on: 1) historical usage of these compounds by the Aerovox Corporation and respective degradation compounds, and 2) observations of high concentrations in New Bedford Harbor sediment from this area.

Aroclor 1242 is present in all borings except ASB-6. Aroclor 1254 is present in all borings except ASB-9. Concentrations vary considerably between boring sites, but there is an area of higher concentrations at the northern part of the study area around stations

ASB-1, ASB-3, and ASB-8. Generally, PCB concentrations are highest in the surface sediment and decrease with depth in the boring. The highest concentration of Aroclor 1242 was 4,800,000 µg/kg at -5.2 to -5.7 feet NGVD29 in ASB-8, and the highest concentration of Aroclor 1254 was 8,350,000 µg/kg at -9.5 to -10.0 feet NGVD29 in ASB-1. Aroclors were detected in the glacial till sediment of all borings except for ASB-6 at concentrations between 22.2 and 238 µg/kg.

Concentrations of VOCs were highest in the borings located in the northern part of the study area. Tetrachloroethene was not prevalent in the boring samples. The compound was not detected in eight of the borings. Although not commonly detected, the highest observed concentration of PCE was 230,000 µg/kg in the top sample from boring ASB-3. Trichloroethene was observed throughout the sediment column, and down to the basal glacial till of every boring. Trichloroethene concentrations were highest in borings ASB-2, ASB-3, ASB-4, ASB-8, and ASB-9, located in the northern half of the study area. The maximum concentration detected in the sediment samples was 24,000,000 µg/kg (or 2.4 percent) in sample S-12L-B003-0.6-1.1 collected from ASB-3. These high concentrations of TCE are not present in the other borings, but concentrations of ≥ 81,000 µg/kg were detected in borings ASB-2, ASB-4, ASB-8 and ASB-9. The other seven borings contained lower concentrations of TCE with a range from 12 to 14,000 µg/kg.

The TCE degradation products cis-1,2-Dichloroethene and Vinyl Chloride were commonly detected in the samples. These two degradation compounds present strong evidence that there is anaerobic microbial degradation occurring in the northern half of the study area, especially in the upper sections of the sediment column. The compound cis-1,2-Dichloroethene was detected in all borings, and was present in the glacial till of nine of the twelve borings. The maximum concentration of cis-1,2-Dichloroethene was 2,200,000 µg/kg, detected in ASB-2. Similar to the occurrence of TCE, the highest concentrations of cis-1,2-Dichloroethene were detected in borings from the northern half of the study area. Vinyl Chloride was observed in nine of the twelve borings. In general Vinyl Chloride was confined to the marine stratigraphy and other sediment in the upper sections of the sediment column. The compound was detected in the glacial till of only two borings, and at low concentrations (≤ 20 µg/kg). The highest concentrations, with detections ≥1,500 µg/kg, were observed in borings located in the northern part of the study area. The samples from ASB-2, ASB-3, and ASB-12 are closely located off the drainage swales of the former Aerovox Site facility, and contained detections of Vinyl Chloride at 160,000 µg/kg, 180,000 µg/kg, and 110,000 µg/kg, respectively. The highest observed concentration of Vinyl Chloride was detected in the marine strata of boring ASB-8 at 240,000 µg/kg.

The compound1,2,4-Trichlorobenzene was detected in seven of the twelve borings, with the highest concentrations in borings from the northern part of the study area. Boring ASB-8 contained the highest concentration of 1,2,4-Trichlorobenzene at 320,000 µg/kg in the marine strata. Detections in glacial outwash sediment were generally low and decreased with boring depth. The analyte was detected in the glacial till of one sample from ASB-8 at a very low concentration of 9.9 µg/kg.

In general SVOC detections were limited to the upper sample interval of the borings. Twenty of the sixty-seven SVOC compounds were detected in the boring samples. The majority of these SVOCs are pyrogenic polycyclic aromatic hydrocarbons (PAHs).

Based on the Tier I+ validation of the analytical results, all data were considered usable based on a comparison to the project specific QAPP requirements, with the understanding of the potential uncertainty (bias) in the qualified results.

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1.0 INTRODUCTION

1.1 BACKGROUND

The New Bedford Harbor Superfund Site (Harbor Site), located in Bristol County, Massachusetts, extends from the shallow northern reaches of the Acushnet River estuary south through the commercial harbors of New Bedford and Fairhaven and into 17,000 adjacent acres of Buzzards Bay (Figure 1). Based on human health concerns and ecological risk assessments, the United States Environmental Protection Agency (USEPA) added New Bedford Harbor to the National Priorities List in 1983 as a designated Superfund Site. The Harbor Site is divided into three geographic areas: the upper, lower and outer harbors, based on geographic features, basin morphology and gradients of contamination (Figure 1). The upper harbor, the primary focus of this report, is approximately 187 acres and contains sediments contaminated with polychlorinated biphenyls (PCBs) that range from below detection to approximately 4,000 parts per million (ppm).

The former Aerovox Corporation property (Aerovox Site), located along the western shoreline of the Acushnet River, was the main source of PCBs discharged to the upper harbor, primarily in the northern extents. EPA environmental monitoring has shown that harbor sediments adjacent to the Aerovox property contained high concentrations of PCBs, volatile organic compounds (VOCs), and other contaminants. Groundwater samples collected on the Aerovox Site property displayed the same suite of contaminants (MACTEC, 2010). Several remedial actions have been taken to control the contamination from the Aerovox Site and to remediate contaminants that have been released into the Harbor Site.

1.1.1 Remedial Actions on the Aerovox Site

In a 1984 action Aerovox installed a steel sheet pile wall along the shoreline to prevent continued contaminant transport from the Aerovox Site property to the upper harbor. The length of the sheet piles used in the wall is not certain, but is thought to be either 9 or 13 feet. Based on an assumed sheet length of 13 feet and the surveyed elevation at the top of the sheets, the wall penetrates into the sediments to a bottom elevation between -6.7 and -8.3 feet NGVD29. Additional actions as part of Administrative Settlement Agreement and Order on Consent for Aerovox Site were also conducted. These actions included the Non-Time Critical Removal Action (NTCRA), completed in 2011 and 2012, which consisted of the demolition of the buildings on the Aerovox Site, offsite disposal of waste material, capping, and implementation of post-removal site control measures. Under this agreement, the Aerovox Site will also undergo further subsurface investigation and response action in accordance with the Massachusetts Ch. 21 E cleanup program.

1.1.2 Remedial Actions on the Harbor Site adjacent to Aerovox Site

As part of the Harbor Site remedial actions, environmental dredging in the upper harbor, adjacent to the Aerovox Site, was performed in 1994 during the "Hot Spot" remedial action. During the 2006 dredging season, EPA confirmed the presence of high concentrations of PCBs and VOCs in the harbor sediment in the area immediately adjacent to the Aerovox Site. In 2008, EPA mechanically dredged the subtidal and

intertidal sediment adjacent to the property. Although some of these areas have been dredged multiple times, PCB and VOC contamination has persisted in proximity to the Aerovox Site and this prompted the EPA to propose exploratory environmental sampling of sediment immediately offshore of the Aerovox Site. This report describes the environmental sediment sampling investigation performed in July 2012, based on that proposal.

1.2 PROJECT OBJECTIVES AND SCOPE

The primary objective of this project was to obtain a vertical profile of contaminants along the former Aerovox Site facility shoreline, from the sediment water interface to bedrock. Previous borings indicated bedrock between 20 to 30 feet below the sediment water interface (Foster Wheeler, 2001). The secondary goal was to identify potential pathways for contaminant transport within the sediment using analytical data and geotechnical data. The subtidal and intertidal areas where sediment borings were collected had been previously dredged by the EPA in 1994 and 2008.

The objectives of the project were achieved with the collection of twelve (12) sediment borings using a barge mounted sonic drill rig as the sampling platform (Figure 2, Table 1). The Boart Longyear Company was the environmental drilling contractor.

The project was successfully completed by maintaining coordination between two operational crews: 1) a field collection crew working with the sonic drill rig; and 2) a field laboratory crew to process samples. The field collection crew was stationed on the barge to oversee boring collection. The field laboratory crew was stationed in the New Bedford Superfund Site laboratory trailer to process discrete analytical samples, and to provide geological descriptions of the borings.



Figure 1. Basemap of New Bedford Harbor Superfund Site in Southeastern, MA

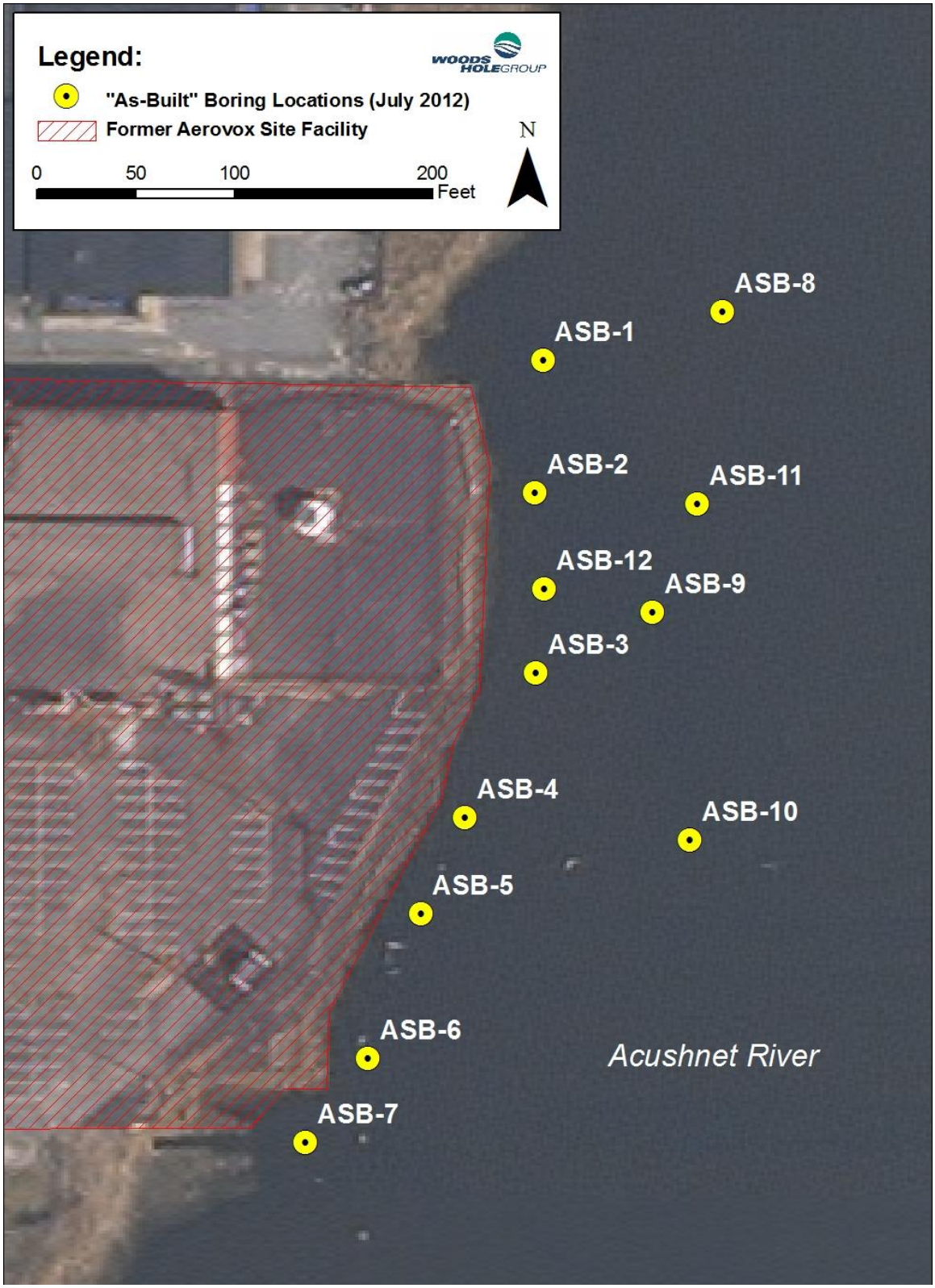

Figure 2. As-built locations of the twelve (12) sediment borings off the former Aerovox Site facility.

Table 1. Summary of "as-built" borings locations collected off the shoreline of the former Aerovox Site in July 2012.

Station ID	Northing (MASPM, feet)	Easting (MASPM, feet)	Boring Length (feet)	Boring Top Elevation (NGVD29, feet)	Boring Bottom Elevation (NGVD29, feet)	Collection Date
ASB-1	2707037.53	815657.42	28.0	-5.5	-33.5	7/12/2012
ASB-2	2706970.69	815653.32	27.0	-4.9	-31.9	7/13/2012
ASB-3	2706879.60	815653.94	24.0	-6.8	-30.8	7/13/2012
ASB-4	2706806.47	815618.01	21.25	-5.6	-26.85	7/14/2012
ASB-5	2706757.73	815595.58	21.7	-5.7	-27.4	7/14/2012
ASB-6	2706684.66	815568.76	32.5	-4.4	-36.9	7/16/2012
ASB-7	2706641.93	815537.18	36.2	-2.0	-38.2	7/14/2012
ASB-8	2707062.44	815748.31	23.5	-4.7	-28.2	7/17/2012
ASB-9	2706910.37	815712.93	22.9	-7.0	-29.9	7/16/2012
ASB-10	2706795.10	815731.93	25.5	-7.2	-32.7	7/17/2012
ASB-11	2706965.18	815735.32	26.5	-6.9	-33.4	7/17/2012
ASB-12	2706922.14	815658.20	22.5	-4.2	-26.7	7/18/2012

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1.3 KEY PERSONNEL AND SUBCONTRACTORS

Woods Hole Group was contracted by the U.S. Army Corps of Engineers New England District (USACE-NAE) for the Shoreline Drilling and Sampling at the Former Aerovox Property. The USACE-NAE Project Manager for the NBHSS was Ms. Ellen Iorio. The USACE-NAE technical lead for this project was Mr. Peter Hugh. The on-site USACE-NAE Project Engineer was Mr. Paul L'Heureux.

The following were the key personnel for the Woods Hole Group Team on this project:

- USACE Program Manager: Lee Weishar
- Project Manager: Robert Hamilton
- Chief Scientist: David Walsh
- Field Crew: Dack Stuart, Dan Rogers, Emerson Hasbrouck, Patrick Curran

Environmental boring collection, using a sonic drill rig, was subcontracted to the Boart Longyear Company (BLY). Head driller was Mr. Kevin Smith. The drill rig was mounted on a self-propelled steel hull barge with a moon pool (an opening in the deck of the platform to provide access to the water below). Barge operations were subcontracted to New England Harbor Services, Inc. (NEHS).

During this project, WHG worked cooperatively with Jacobs Engineering (JE), the NBHSS engineering contractor under a separate USACE-NAE contract. The following were the key personnel from JE who worked closely with WHG during this project:

- Drill Rig Operations Support: Don Melcher
- Boring Descriptions: Mike Morris
- Health & Safety: Carl Wilson
- Logistics: Mark Gouveia

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2.0 METHODS

The methods used to meet the objective of this project are summarized below and described in detail in the project Field Sampling Plan (Woods Hole Group, 2012a) and the project specific Quality Assurance Project Plan (QAPP) (Woods Hole Group, 2012b).

2.1 BORING LOCATIONS

Boring locations were chosen to provide a vertical profile of the subsurface sediment bordering the former Aerovox Site facility property. Borings were collected at twelve (12) locations, with seven (7) locations chosen by the USACE-NAE and EPA prior to field activities and five (5) locations determined during field operations after consideration of field observations and review of preliminarily reported analytical data.

2.2 BORING COLLECTION

The field crew included two WHG (D. Walsh and D. Rogers) and one JE (D. Melcher) staff members stationed on the barge to oversee the sediment boring collection work. All activities, boring information and field descriptions were carefully logged in a field book. Field notes were logged by Mr. Don Melcher of JE; a copy of the field notes is provided in Appendix A.

Sediment borings were collected using a Boart Longyear mini-sonic 200C drill rig, number 01636. The mini-sonic drill rig was securely mounted on a self-propelled barge equipped with a moon pool, spuds, crane, and support vessel (Figure 3). The mini-sonic drill rig operated through the moon pool of the barge.

All boring positions were located via a Garmin 76CSx GPS to within 10-feet of the proposed position, consistent with the accuracy of the unit (approximately 9 feet). Once on station, the barge position was secured using two spuds. At the start of drilling activity the water surface elevation, relative to NGVD29, was recorded in the field log. The water level reading was observed from a tide board mounted to a sheet pile located approximately 250-feet east of the project site. The tide board was fixed to a sheet piling and aligned with a surveyed benchmark to the vertical datum NGVD29 (feet) by JE personnel. Also recorded was the water depth through the moon pool to the top of the mini-sonic rig wrenches, and the distance between the moon pool water surface and the top of wrenches.

All tooling and drill bits were decontaminated on the barge prior to use at each boring station. The decontamination procedure was a three step process using: 1) an initial steam power washer cleanse; followed by 2) scrubbing with Alconox detergent; and 3) a final steam power wash rinse. The water used for decontamination was City of New Bedford tap water held in a clean tank on the barge. All decontamination rinsate was captured into drums for proper waste disposal. PID readings were taken near the drill hole during operations and each boring section was analyzed after recovery prior to being capped.



Figure 3. Mini-sonic drill rig mounted over moon pool on barge spudded off the former Aerovox Site property.

Sonic drill rig borings were cased and drilled to bedrock, or to estimation of bedrock based on drilling characteristics. Bedrock was minimally penetrated only a handful of times to ensure that the sediment column had been fully captured. A concerted effort was made to reduce the amount of heat produced by the sonic rig. To this end, sediment were collected in five-foot core sections within Lexan liners. Immediately upon recovery, the ends of the boring liners were capped with aluminum foil sheeting to prevent escape of VOCs, and subsequently a HDPE core tube cap was added. The cap was secured in place using tape. Capped Lexan boring sections were labeled in permanent marker to denote:

- Boring ID
- Depth Interval (e.g., 15.0' – 20.0')
- Upper End (marked with an arrow pointing upward)
- Date and Time of Collection
- Presence of PID readings for VOCs

The field crew was responsible for capping, cutting, and labeling the boring sections.

Following capping and labeling of the boring liners, each 5-foot liner was cut into shortened sections of approximately 2.5-feet (30-inches) in length. This was performed so the boring section could fit under the laboratory fume hood during analytical sampling. The NBHSS laboratory fume hood is 36-inches wide; therefore, each core section was cut to no longer than 30-inches. A cleaned, decontaminated Sabre Saw or hack saw was used

to cut the Lexan liners. Following the cut, each exposed liner end was capped using the process used in the field as described above. Core sections were stored vertically in covered barrels until a bore hole was complete. Upon completion of each bore hole, the vertical core sections were transported in a pickup truck to the NBHSS field laboratory for analytical subsampling, geological descriptions, and cold storage.

2.3 SEDIMENT BORING ANALYTICAL SAMPLING

Sediment boring sections were processed in the field laboratory located at the NBHSS as soon as each bore hole was completed. Most boring sections were processed the day they were collected, but several sections were placed in cold storage and processed a day or two after initial collection. The laboratory crew was responsible for core processing, analytical subsampling, geologic descriptions, and sample custody. The field laboratory crew consisted of two WHG personnel (D. Stuart and E. Hasbrouck) and one JE staff member (M. Morris).

After transport to the NBH field laboratory, the boring sections were stored in a vertical orientation until placed into the laboratory's fume hood for processing. It took several hours to geologically describe and subsample an entire boring. In the fume hood, the boring sections were placed on the bench top horizontally, and cut with cleaned/decontaminated power shears or a circular saw, lengthwise, at two points 180° apart. This approach allowed for half of the Lexan liner section to be removed, leaving the core sediment accessible for simultaneous analytical sampling and geologic description.

Analytical field samples were collected from the boring sections at an average of one sample every 2.5' section. This frequency of samples results in 12 samples in an assumed 30' boring to bedrock. Each sample was collected from a half-foot (0.5) interval of sediment (e.g., 15.0–15.5'). Samples were collected for analysis of VOCs, PCBs (Aroclors), and SVOCs, and an archive sample for potential future analysis for PCB 209 Congeners.

Samples were collected from a boring section if it contained a significant transition in stratigraphy. Using this approach, an analytical sample was collected from above and below the transition to characterize the presence of measurable contaminant concentrations in the two layers. The trained scientists that processed and described these samples used site experience and professional judgment to determine whether a transition between sediment lithology was significant. Potential examples of a significant transition between sediment lithology occurred where well-graded sand lay below silt, or if a peat layer lay above or below silt (or other sediment type).

Samples for VOC analysis were collected from the boring section before all other samples to minimize the loss of the VOC compounds to the atmosphere and disturbance. Collection of laboratory samples for VOCs was performed using a modified 5 ml syringe sampler. The Alpha Analytical supplied syringe was modified by removing the end to expand the mouth and imitate an Encore (™) sampler. The syringe was used to collect approximately 2 to 3 ml of sediment from the core section and deposit sediment into 40 ml VOA vials. A total of three vials were collected per VOC sample; the three vials

comprised one "high-level" and two "low-level" samples. The low VOC vials had white caps and the high VOC vials had red caps, so the two would not be confused in the laboratory. The high-level (Method 5030B) sample was collected in a 40 ml VOA vial containing 5 ml of methanol preservative (WHG Project Specific Aerovox UFP-QAPP, Woods Hole Group, 2012b). The low-level (Method 5035) samples were collected in two VOA vials containing 5 ml of deionized water (DI), sodium thiosulfate preservative and a stir bar (Woods Hole Group, 2012b). Once sediment was added, each VOA vial was immediately capped with the appropriate cap and VOC septum. VOC results from the high-level samples were to be reported on 24-hour turnaround time (TAT) period. The low-level VOC samples were analyzed to quantify VOC target analyte concentrations if the high level sample does not result in detectable VOC concentrations.

The SVOC and PCB Aroclor sample was collected after the VOC sample collection. This sample was collected in one 8-oz amber glass jar, used for analysis of SVOCs, PCB Aroclors, and Percent Solids. Sediment was collected along the length of a 0.5-foot sub-section to ensure a representative sample, while avoiding the Lexan liner side wall (Woods Hole Group, 2012a). Sediment was removed using a clean/decontaminated stainless steel spoon. SVOC and PCB Aroclor samples were not homogenized in the NBH field laboratory. The TATs for the PCB Aroclors and Percent Solids was 24-hours and results were reported on a dry weight basis. The PCB Aroclor samples were not air-dried to reduce the percent moisture, as they needed to be extracted by microwave extraction (US EPA SW-846 Method 3546) and reported within 24-hours (Woods Hole Group, 2012b). SVOCs did not required a 24-Hour rush TAT and was extracted by Method 3540C (Soxhlet Extraction) on a 15 business day TAT (Woods Hole Group, 2012b).

An archive sample jar for the potential future PCB 209 Congeners analysis was collected from the boring section last. This sample was collected into one 8-oz glass jar filled to approximately ¾ capacity to allow for room to expand during freezing. This sample was submitted to Alpha Analytical for archiving using modified 8270D-SIM for the 209 PCB Congeners and extraction by Method 3540C by Soxhlet Extraction (Woods Hole Group, 2012b). To date, these samples have not been analyzed, and will not be unless authorized by USACE-NAE/EPA as an optional analysis.

Once collected and properly labeled, all samples were packed in coolers filled with ice. Samples were delivered to Alpha Analytical Laboratories (AAL) via courier at the end of each processing day. All samples were received at AAL at or below 6°C.

2.4 SEDIMENT BORING DESCRIPTIONS

All split sediment boring sections were measured, photographed, described, and logged by a trained soil scientist from JE (M. Morris). Textural, sorting, consistency/firmness, and lithology descriptions were performed according to USCS standards. Color descriptions followed the Munsell color classification standards. Other information regarding odor, PID readings, stratigraphy, and analytical sample collection intervals are provided on the boring logs. Final boring logs, provided by JE, are presented in Appendix B.

2.5 ANALYTICAL METHODS

Alpha Analytical Laboratory performed all analyses. Analysis for VOCs, SVOCs, PCB Aroclors, and Percent Solids was performed at the Westborough, MA laboratory facility. Samples were also archived for analysis of 209 PCB Congeners, in the event a more accurate quantitative analytical method (209 PCB Congeners by modified 8270D-SIM and extraction by Method 3540C by Soxhlet Extraction) is requested later by the USACE-NAE. The methods used by AAL are referenced below and described in more detail, including laboratory SOPs, in the Aerovox project specific Uniform Federal Policy - Quality Assurance Project Plan (Woods Hole Group, 2012b). A complete list of analytes is provided in Appendix C and in the UFP-QAPP (Woods Hole Group, 2012b).

2.5.1 Polychlorinated Biphenyls

PCB Aroclors were extracted from the sediment matrix using US EPA SW-846 Method 3546 by microwave extraction and analyzed by Method 8082 PCB Aroclors by Gas Chromatography/Electron Capture Detector (GC/ECD). All methods used in this study followed USEPA Test Methods for Evaluating Solid Waste, Physical Chemical Methods, SW-846, Third Edition, Method 8082, Rev. 1, dated February 2007 (please refer to the project specific UFP-QAPP, Woods Hole Group 2012b).

The laboratory reported concentrations of nine (9) PCB Aroclors, as required by the QAPP (Woods Hole Group, 2012b).

Should the analysis be requested, archived PCB Congener (209) samples will be extracted from the archived sediment matrix using Soxhlet extraction method 3540C and analyzed using GC/MS-SIM method 680/8270C-SIM. The archived samples will remain frozen up to one-year, which is the NBH/EPA standard holding time requirement.

2.5.2 Volatile Organic Compounds

The high-level VOC sample was collected in a VOA vial containing methanol, and prepped using method 5030B. The low-level method (5035A) uses a tared 40 ml VOA vial with 5 ml of DI water with sodium thiosulfate preservative or VOC free water, which includes a small stir bar. The lab calculated the weight of the wet sample analyzed, along with the % solids results, and reported the VOC results on a dry weight basis. Analysis was performed using: Volatile Organic Compounds by Gas Chromatography / Mass Spectrometry (GC/MS) in EPA's Test Methods for Evaluating Solid Waste, Physical Chemical Methods, SW-846, Third Edition, Method 8260B, Rev. 2, December 1996, using low-level aqueous preservation (sodiumthiosulfate) and high-level methanol preservation by SW-846 Method 5035A for field samples.

The laboratory reported concentrations of fifty-three (53) project specific VOCs, as required by the project specific UFP QAPP (Woods Hole Group, 2012b).

2.5.3 Semivolatile Organic Compounds

SVOC samples were extracted from the sediment matrix using the Soxhlet extraction method 3450C, and analyzed using: Semivolatile Organic Compounds by Gas Chromatography / Mass Spectrometry (GC/MS) in EPA's Test Methods for Evaluating

Solid Waste, Physical Chemical Methods, SW-846, Third Edition, Method 8270D, Rev. 4, February 2007.

The laboratory reported concentrations of sixty-seven (67) SVOCs, as required by the project specific UFP QAPP (Woods Hole Group, 2012b).

2.6 QUALITY ASSURANCE/QUALITY CONTROL

2.6.1 Decontamination

Decontamination is the process of neutralizing, washing, and rinsing exposed surfaces of equipment to minimize the potential for contaminant migration and/or cross-contamination. All of the sampling equipment was decontaminated prior to use in the field and between boring stations to prevent cross-contamination. Decontamination was also performed during decommissioning of the drill rig. The decontamination procedure specified in EPA Region II, CERCLA Quality Assurance Manual (October 1989, Revision 1) was implemented prior to each station for sampling equipment that comes into direct contact with the sampled media (e.g., drill head bit, internal core barrels, sampling spoons or spatulas, etc.). The EPA Region II procedures used for decontamination are summarized below (solvents used during decontamination activities were collected and stored for proper waste disposal at the laboratory):

1) Rinse with tap water for gross decontamination
2) Clean with non-phosphate detergent (e.g. Liquinox) and tap water (or site water) – may require manual removal of debris/sediment, as needed
3) Rinse with tap water
4) Rinse with isopropyl alcohol and a subsequent rinse of AAL supplied VOC-free water[a]
5) Let air-dry

[a] Used if oily contamination is apparent and only on metal/stainless steel surfaces.

Onboard the barge, City of New Bedford tap water was used for the gross decontamination process and rinses. The tap water was pumped from two (2) clean tanks.

2.6.2 Field-Based Quality Control Samples

The field based quality control samples discussed here include: 1) Field Replicates; 2) Equipment Blanks; and 3) Trip Blanks.

Replicate, or field duplicate, sediment samples were collected for every ten (10) field samples. The purpose of the field replicate was to evaluate the field sampling and to evaluate the heterogeneity of the matrix. The analytical precision is evaluated by calculating the precision in %RPD between the parent sample and the field duplicate. Field replicate samples are also used to ensure that field sampling techniques do not bias analytical results. The sample was collected using the same techniques and was handled, containerized, preserved, stored and transported in the same manner as field samples.

Equipment rinseate blanks (EBs) were collected from decontaminated sampling equipment before use at each boring station. The EB samples were collected by pouring VOC-Free certified water over the decontaminated sampling equipment and into appropriate sample containers provided by the laboratory for analysis of VOCs, SVOCs, and PCB Aroclors. The equipment blanks samples corresponding to VOCs analysis, were analyzed using low-level aqueous VOC methods. Two other equipment blank samples were collected from: 1) the City of New Bedford tap water tank used for decontamination of all boring equipment; and 2) the laboratory sampling equipment, including tools used to split the Lexan liners.

Trip blanks (TBs) were prepared at Alpha Analytical Laboratory and remained sealed until analyzed. These samples accompanied the sample container coolers on their transit between the laboratory and the NBHSS laboratory trailer, round-trip. The trip blank samples were analyzed for VOCs only, and accompanied each sample cooler containing VOC samples. Trip blanks samples were analyzed using low-level aqueous VOC methods.

2.6.3 Laboratory-Based Quality Control Samples

A routine suite of laboratory-based quality control (QC) samples were prepared with each set of field samples to evaluate data quality in terms of accuracy and precision. For each batch of 20 or fewer samples, the QAPP calls for analysis of quality control samples including one procedural blank (also called a method blank or procedural method blank), one laboratory control sample (LCS), one matrix spike (MS) and one matrix spike duplicate (MSD).

2.7 SAMPLE IDENTIFICATION

Sediment samples selected for analysis were identified in accordance with previously established conventions for the NBHSS under the Data Management Plan (Battelle, 2002). The sample identification format is described below:

S – PPP – B### – top depth – bottom depth

Where,

S	= Sediment prefix
PPP	= Sampling Year and Month (2 digit year plus 1 alpha character)
B###	= Boring station identifier (prefix B followed by 3 digits)
Top depth	= Numeric top depth of sample from sediment-water interface (in tenths of feet)
Bottom depth	= Numeric bottom depth of sample

The single character code representative of the sample collection month for July is “L”. The sample identification convention uses unique codes for quality control samples, and the appropriate QC code was added to the sample ID as a suffix or prefix. Examples of the sample identification format used for field samples and QC samples are provided in Table 2.

Table 2. Examples of the NBHSS sample identification format

Sample Type	Suffix or Prefix	Format	Example ID
Field Sample	-	"SampleID"	S-12L-B001-15.0-15.5
Field Duplicate/Replicate	REP	"SampleID"REP	S-12L-B001-15.0-15.5REP
Matrix Spike, Matrix Spike Duplicate	MSMSD	"SampleID"MSMSD	S-12L-B001-15.0-15.5MSMSD
Equipment Blank	EB	EB-MMDDYY-##	EB-071012-01
Trip Blank	TB	TB-MMDDYY-##	TB-071012-01

2.8 REPORTING

Data reporting requirements for this project included: 1) this summary report of the field data collection event; 2) analytical data with Level 4 reporting; and 3) data validation at a Tier I+ level. Analytical data reporting requirements are described in the project specific QAPP (Woods Hole Group, 2012b).

3.0 CHRONOLOGY OF OPERATIONS

Field sampling and analytical subsampling activities were completed over a period of eleven (11) days from July 9 through July 20.

7/9/2012 – Monday

New England Harbor Services (NEHS) barge "Bob Cat" arrived at New Bedford Harbor Superfund Site (NBHSS) dock for loading. Barge measured 43' in length and 18' in width. Boart Longyear (BLY) personnel arrived on site at 0800 to unload equipment from trucks and load the barge with the drill rig and sampling equipment. Barge "Bob Cat" is loaded with the Minisonic 200C drill rig (#01636). The rig was driven down the NBHSS Area C dock and loaded onto barge using a wooden ramp. The rig was secured to the barge deck with chain. USACE-NAE, JE, and Sevenson Environmental Services, Inc. (SES) personnel (subcontractor to JE) supervised and assisted with mobilization operations.

7/10/2012 – Tuesday to 7/12/2012 Thursday (AM)

WHG Team attended NBHSS the morning tailgate health and safety meeting to discuss operations at the site and to coordinate movement of the barge through the active remediation dredge areas later in the day. Following the NBHSS safety meeting the WHG Team held a drilling team safety and kick-off meeting. The team included WHG, BLY, NEHS, and JE personnel.

The WHG Team loaded equipment onto barge, barge departed Area C dock, and transited to Aerovox Site drilling location. Barge arrived at boring station ASB-1, and was secured with spuds.

Received word from USACE-NAE to stand-down until Accident Prevention Plan (APP) was approved. Various activities transpired related to barge inspection by a marine surveyor and naval architect from New England Harbor Services, securing an additional Level B qualified Site Safety Officer, and laboratory hood reconfiguration.

7/12/2012 – Thursday (PM)

WHG Team received a conditional approval of the APP and notice to proceed from USACE-NAE. Drilling work commenced at ASB-1. Boring collection at ASB-1 was completed and barge was positioned over station ASB-2.

7/13/2012 – Friday

Boring collection at ASB-2 was completed and barge was positioned over station ASB-3. Before commencing boring collection at ASB-3 a marine safety inspector from Marine Safety Consultants inspected the barge for condition and stability according to USACE EM-385-1-1 requirements. Boring ASB-3 collection was completed later.

7/14/2012 – Saturday

Boring collections at ASB-4, ASB-5, and ASB-7 were completed. At 11:30, following collection of ASB-4, drilling operations were suspended to allow a marine surveyor from New England Harbor Services to make specific measurements for CAD drawings required for a naval architect's barge stability calculations.

Phone call held with Peter Hugh (USACE-NAE Engineering Technical Lead) to decide that any samples submitted after Saturday were to be reduced from a 24-hour turnaround time (TAT) to standard TAT. Samples submitted on Saturday remained 24-HR TAT.

7/15/2012 – Sunday

No operations.

7/16/2012 – Monday

Boring collection at ASB-6 was completed; at this point the initially proposed seven (7) boring locations had been collected and the WHG team was awaiting further instruction of where to drill remaining five (5) borings.

Following collection of ASB-6, the drillers inspected the sonic drill rig head for a hydraulic leak and determined the head required repair of a hydraulic seal. The leak was not a reportable amount and was contained by oil booms surrounding the drill barge. Repairs were completed after a 6-hour delay.

During the repair to the drill rig, WHG participated in a conference call discussion with USACE-NAE, EPA, and JE to select three (3) additional boring locations. The three selected boring locations were based on previous VOC sediment concentration data collected by JE; these stations were identified as boring stations ASB-8, ASB-9, ASB-10, respectively.

Following the drill rig repairs, the barge was positioned at new boring station ASB-9, and boring collection was completed.

7/17/2012 – Tuesday

Boring collection at stations ASB-8 and ASB-10 was completed. At this point the WHG team awaited further instruction of where to drill remaining two (2) borings.

During collection of ASB-10, WHG participated in a conference call discussion with USACE-NAE, EPA, and JE to select the two final boring locations. The two final boring locations were selected after review of the preliminary 24-hr TAT VOC and PCB data from borings ASB-1, ASB-2, ASB-3, ASB-4, and the top sections of ASB-5. The new boring stations were identified as ASB-11 and ASB-12.

Following collection of ASB-10, the barge was positioned at new station ASB-11, and boring collection was completed.

7/18/2012 – Wednesday

The barge was relocated from ASB-11 to ASB-12 and boring collection at ASB-12 was completed. At this point drilling operations were completed and demobilization activities started.

The barge transited to the NBHSS Area C dock for demobilization and to unload equipment. Personnel from JE and SES supervised and assisted with the safe demobilization of the barge. Personnel from BLY decontaminated the drill rig, tooling, and other equipment on the Area C decontamination pad. At 16:30, severe weather suspended demobilization operations for the remainder of the day.

7/19/2012 – Thursday

Personnel from BLY completed demobilization activities and departed the NBHSS by mid-morning. WHG and JE personnel continued boring sample processing in lab trailer.

7/20/2012 – Friday

WHG and JE personnel complete boring sample processing in lab trailer. All analytical samples submitted to laboratory. All field activities were completed.

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4.0 RESULTS

Results of the collection and analysis of sediment borings off the former Aerovox Site facility shoreline are presented in this section. Complete field data collection notes are presented in Appendix A. Boring logs prepared by JE are provided in Appendix B. The list of all compounds analyzed for is provided in Appendix C. Analytical reports from Alpha Analytical Laboratory are provided in Appendix D. Data Validation Reports from New Environmental Horizons are provided in Appendix E.

4.1 BORING COLLECTION

Twelve (12) borings were collected; positions are plotted on the map in Figure 2. After the initial seven (7) borings were completed, five (5) additional boring locations were selected by the USACE-NAE and EPA. The five new sites were selected after: 1) consideration of field observations; 2) review of previously collected VOC surface sediment sample results; and 3) review of preliminary VOC and PCB Aroclor results from borings ASB-1, ASB-2, ASB-3, ASB-4, and ASB-5. The as-built locations and ancillary metadata for the twelve borings are presented in Table 1. The top and bottom elevations for each boring, relative to the datum NGVD29, are presented in Table 1 to assist with inter-comparison of borings depths and recovered sediment. Boring collection ceased at bedrock, whether verified with the recovery of a plug of stone, or through drill rig characteristics and feedback provided by the driller. As required by the scope of work, the boring drilling operation was conscientious about minimally penetrating bedrock. Borings were filled with bentonite chips after completion.

Field notes are presented in Appendix A.

4.2 PHYSICAL CHARACTERISTICS

Boring sections were visually characterized and logged by soil scientist Mike Morris of JE. The logs documented the sediment physical characteristics (including a USCS descriptor; e.g., "SP" for sand), depth of transition between sediment types, depth of analytical sample collection, and other information. The logs also provide interpretation of sediment stratigraphic unit type. The final logs are provided in Appendix B.

In general, the borings contained a top-to-bottom stratigraphic sequence of: 1) marine deposits; 2) glacial outwash deposits; 3) glacial till deposits; and 4) bedrock plug. The marine deposit thickness varied by boring location since many of these locations had been previously dredged or excavated for remedial purposes. Marine deposits consisted of organic silts, silts, sands, and gravel with sand, with varying color from black to grey. In two borings, ASB-7 and ASB-12, marine deposits were underlain by peat deposits. The contact between these stratigraphic layers was distinct. Peat was brown in color and high in water content. The transition between marine or peat deposits and the underlying glacial outwash deposits occurred between an elevation of -5.6 and -20.3 feet NGVD29, with an average elevation of -12.0 feet NGVD29. Glacial outwash deposits were coarse in texture, consisting of mixtures of sand and gravel. Glacial outwash deposit colors varied between yellow, brown, and grey, but it is clear that the sediment had been exposed to a turbulent, subaerial environment. Glacial till deposits were comprised of a

fine grained matrix, but texturally variable (containing clay, silt, sand, and gravel) and poorly sorted within the stratigraphic unit. This characteristic was consistent between borings. Glacial till deposits were colored olive, greenish grey, and grey. Bedrock or weathered bedrock was observed between an elevation of -26.3 and -37.4 feet NGVD29, with an average elevation of -30.8 feet, NGVD29.

4.3 ANALYTICAL RESULTS

Alpha Analytical Laboratory data reports containing results from the boring sediment and quality control samples are provided in Appendix D. Results from the group of seven (7) site specific contaminants-of-concern selected by the team are presented; these seven analytes include: PCB Aroclor 1242; PCB Aroclor 1254; Tetrachloroethene (PCE); Trichloroethene (TCE); cis-1,2-Dichloroethene; Vinyl Chloride; and 1,2,4-Trichlorobenzene. Other target analytes were detected in the sediment/boring samples. However, due to large amount of analytical data reported, it was decided that only the site-specific contaminants-of-concern would be presented and discussed in this report. Tabulated results for these seven contaminants of concern are provided in Tables 3 through 14. In general, the highest concentrations of these seven contaminants were present in the borings collected from the northern half of the study area, in particular borings: ASB-1, ASB-2, ASB-3, ASB-4, ASB-8, ASB-9, ASB-10, and ASB-12.

Occasionally samples with high contaminant concentrations required dilutions in order to bring concentrations within the operable range of the instrument. In doing so, low-level concentrations were diluted below the range of the instrument. Therefore, some of the analytes that were assigned a DU qualifier may exist in detectable concentrations if they were run at lower or no dilution. The primary purpose of this project is to provide validated data for subsequent analysis. Please refer to Appendix C for a complete list of the compounds that were analyzed for these samples and to Appendix D for the complete set of validated analytical results.

4.3.1 Polychlorinated Biphenyls as Aroclors

The Total PCB concentration in each sample was calculated as the sum of Aroclor 1016, 1221, 1232, 1242, 1248, 1254, 1260, 1262, and 1268 concentrations; a value of zero (0) was used in summation for non-detects (U, UJ, DUJ). Only four Aroclor compounds were detected in the boring samples. The detected Aroclors, listed in order of prominence, include 1242, 1254, 1260, and 1262. Aroclors 1242 and 1254 were detected in 96 and 62 of the 136 samples (123 field samples and 13 replicates) analyzed, respectively. Aroclor 1260 was detected in 17 samples, and Aroclor 1262 was detected in 9 samples. Although Aroclors 1242 and 1254 were often detected in the same sample, when present, Aroclor 1260 and 1262 were not detected in the same sample. There were no detections of Aroclors 1016, 1221, 1232, 1248, and 1268. Please refer to Tables 3 through 14 for the Total PCB, Aroclor 1242, and Aroclor 1254 concentration for each sediment sample.

Aroclor 1242 was detected in all borings except ASB-6. However, the three uppermost samples from ASB-6 likely contained Aroclor 1242 but it was not detected because the sample was run after dilution. Aroclor 1254 is present in all borings except ASB-9.

Concentrations vary considerably between boring sites, but there is an area of higher concentrations at the northern part of the study area around stations ASB-1, ASB-3, and ASB-8. Samples from borings ASB-2 and ASB-12 did not contain the high concentrations of Aroclors 1242 and 1254 despite being collected from the same area. Seven of the twelve borings did not contain a sample with Aroclor concentrations greater than 10 ppm (10,000 µg/ kg), the 1998 ROD cleanup criteria for river sediment. These borings include ASB-2, ASB-4, ASB-6, ASB-7, ASB-9, ASB-11, and ASB-12.

Generally, PCB concentrations are highest in the surface sediment and decrease with depth in the boring. However, lower concentrations of PCB Aroclors were detected in the glacial till sediment of all borings except for ASB-6.

Although there are some deviations, the highest concentrations of PCBs were detected in samples collected from an elevation of approximately -9.5 to -10.0 feet NGVD29. The highest concentration of Aroclor 1242 was 4,800,000 µg/kg at -5.2 to -5.7 feet NGVD29 in ASB-8, and the highest concentration of Aroclor 1254 was 8,350,000 µg/ kg at -9.5 to -10.0 feet NGVD29 in ASB-1.

Boring ASB-8 contained a sample with a concentration of Aroclor 1242 at 190,000 µg/ kg (190 ppm) at an elevation of -21.45 feet NGVD29. This sample (S-12L-B008-16.5-17.0) contained the highest concentration of an Aroclor at the lowest elevation and consisted of sand with silt collected from the glacial outwash deposits.

4.3.2 Volatile Organic Compounds

There were five VOC analytes included as part of the site specific contaminants of concern; these analytes include Tetrachloroethene (PCE), Trichloroethene (TCE), cis-1,2-Dichloroethene, Vinyl Chloride, and 1,2,4-Trichlorobenzene. Tabulated results for these five contaminants of concern are provided in Tables 3 through 14. Concentrations of VOCs were highest in the borings located in the northern part of the study area. Boring ASB-7, the southernmost location, contained the lowest detectable concentrations for any of the five site specific VOCs of concern.

Tetrachloroethene was not prevalent in the boring samples. The compound was not detected in eight of the borings (ASB-2, ASB-4, ASB-5, ASB-6, ASB-7, ASB-8, ASB-9 and ASB-12), and was detected only once in boring ASB-11. The highest detected concentration of PCE was 230,000 µg/kg in the top sample from boring ASB-3.

The compound Trichloroethene was observed throughout the sediment column, and down to the basal glacial till of every boring. Trichloroethene concentrations were highest in borings ASB-2, ASB-3, ASB-4, ASB-8, and ASB-9, which were located in the northern half of the study area. The maximum concentration detected in the sediment samples was 24,000,000 µg/kg (or 2.4 percent) in sample S-12L-B003-0.6-1.1, which is the upper most sample from ASB-3 (-7.4 to -7.9 feet NGVD29) (Table 5). The underlying sample in ASB-3, collected at -8.8 to -9.3 feet NGVD29, resulted in a detection of 13,000,000 µg/kg. These high concentrations of TCE are not present in the other borings, but concentrations of ≥ 81,000 µg/kg were detected in borings ASB-2, ASB-4, ASB-8 and

ASB-9. The other seven borings (ASB-1, ASB-5, ASB-6, ASB-7, ASB-10, ASB-11, and ASB-12) contained lower concentrations of TCE, with a range from 12 to 14,000 µg/kg.

The compound cis-1,2-Dichloroethene, a degradation product of Trichloroethene, was detected in all borings, and was present in the glacial till of nine of the twelve borings. The maximum concentration of cis-1,2-Dichloroethene was 2,200,000 µg/kg, detected in sample S-12L-B002-1.0-1.5 (-5.9 to -6.4 feet NGVD29) from ASB-2. Similar to the occurrence of TCE, the highest concentrations of cis-1,2-Dichloroethene were detected in borings from the northern half of the study area, specifically ASB-2, ASB-3, ASB-8, ASB-9, ASB-10, and ASB-12. The detected concentrations in these borings ranged from 3.8 to 2,200,000 µg/kg.

Vinyl Chloride, another degradation product of Trichloroethene, was observed in ten of the twelve borings. In general Vinyl Chloride was confined to the marine stratigraphy and other sediment in the upper sections of the sediment column. The analyte was detected in the glacial till of only two borings, and at concentrations ≤ 20 µg/kg. The highest concentrations, with detections ≥1,500 µg/kg, were observed in borings ASB-2, ASB-3, ASB-6, ASB-8, ASB-9, ASB-10, and ASB-12. Apart from borings ASB-6 and ASB-10, these boring are located in the northern part of the study area. Samples from ASB-2, ASB-3, and ASB-12 are closely located just off the drainage swales of the former Aerovox Site facility and the uppermost samples from those borings contained detections of Vinyl Chloride at 160,000 µg/kg, 180,000 µg/kg, and 110,000 µg/kg, respectively. However, the highest observed concentration of Vinyl Chloride was detected in the marine strata of boring ASB-8 at 240,000 µg/kg at elevation -5.2 to -5.7 feet.

The VOC compound 1,2,4-Trichlorobenzene was detected in nine of the twelve borings, with the highest concentrations in borings from the northern part of the study area, such as boring ASB-1, ASB-2, ASB-3, ASB-8, and ASB-10. Boring ASB-3 contained the highest concentration of 1,2,4-Trichlorobenzene at 460,000 µg/kg in the marine strata (upper most sample) at -7.4 to -7.9 feet NGVD29. The highest concentrations (>12,000 µg/kg) of 1,2,4-Trichlorobenzene were limited to the marine strata and one sample from the glacial outwash sediment. Detections in glacial outwash sediment were generally low and decreased with boring depth. The analyte was detected in the glacial till of one sample from ASB-8 at a concentration of 9.9 µg/kg.

4.3.3 Semi-volatile Organic Compounds

None of the semi-volatile compounds were included in the list of site specific contaminants of concern. Therefore, these data are not included in the primary Tables in this section, but the data are reported in Appendix D.

In general, SVOCs detections were limited to the upper samples (e.g., 1.0-1.5 or 3.5-4.0 feet depth) in borings ASB-1, ASB-3, ASB-4, ASB-5, ASB-6, ASB7, and ASB-12. Twenty of the sixty-seven compounds were identified in the boring samples; these compounds include: 1,2,4,5-Tetrachlorobenzene, Acenaphthene, Acenaphthylene, Anthracene, Benzaldehyde, Benz(a)Anthracene, Benzo(a)Pyrene, Benzo(b)Fluoranthene, Benzo(g,h,i)Perylene, Benzo(k)Fluoranthene, Bis(2-Ethylhexyl)Phthalate, Carbazole, Chrysene, Dibenz(a,h)Anthracene, Dibenzofuran, Fluoranthene, Fluorene, Indeno(1,2,3-

cd)Pyrene, Phenanthrene, and Pyrene. The majority of these polycyclic aromatic hydrocarbons (PAHs) are formed by the combustion of fuels and are considered pyrogenic compounds. Some of the PAHs are also found in diesel fuels and other petroleum waste oil products.

Table 15 lists the twelve compounds most frequently detected in these samples, along with the maximum concentration observed for the specific compound. Five of the seven PAHs in Table 15 are listed on the USEPA's Priority Chemical List for the National Waste Minimization Program (USEPA, 2008). The maximum concentration observed for these twelve compounds was observed from boring ASB-5, sample S-12L-B005-4.0-4.5: 69,000 µg/kg for phenanthrene.

4.4 FIELD BASED QUALITY CONTROL SAMPLES

Quality control samples were collected to ensure that sampling, decontamination and transport methods did not affect data quality. Quality control samples included field replicates, equipment blanks, and trip blanks. The field replicate sample was analyzed to evaluate the sampling procedure and analytical precision. The equipment blanks were collected to verify that decontamination procedures were adequate and that cross-contamination did not occur. The trip blanks for VOCs were analyzed to ensure the samples were not exposed to a source of contamination while in transit to the lab for analysis.

Table 16 provides an index correlating the equipment blank sample results with associated borings or decontamination procedure. The table also provides results for detectable analytes in the equipment blank samples. Three of the equipment blank samples resulted in low level detections of analytes. The equipment blanks for boring ASB-3 and ASB-4 contained detections of PCB Aroclor 1254 at 0.418 and 0.325 µg/l, respectively. These concentrations were detected just above each sample's reporting limit. The equipment blank sample collected to evaluate the decontamination water used from the tank on the drilling barge resulted in detections of Chloroform at 7.0 µg/l (RL = 0.75 µg/l) and Bromodichloromethane at 1.4 µg/l (RL = 0.5 µg/l). All other equipment blank samples resulted in non-detects for the complete suite of analytes.

Table 17 provides an index correlating trip blank samples with associated sediment or equipment blank samples. All samples resulted in non-detects for VOCs except for trip blank sample TB-071912-02, associated with samples from boring ASB-11. Sample TB-071912-02 had a detection of Trichloroethene at 2.6 µg/l (RL = 2.0 µg/l).

4.5 DATA VALIDATION

Data validation reports and worksheets prepared by New Environmental Horizons are provided in Appendix E. The information below summarizes the thirteen (13) reports and associated worksheets contained in Appendix E. An EPA Region I Tier I+ validation for VOCs, SVOCs, and PCB Aroclors was performed with the following intentions:

1) Determine if the data were generated and reported in accordance with the *Quality Assurance Project Plan for Shoreline Drilling and Sampling at the Former*

Aerovox Property, New Bedford Harbor Superfund Site, prepared by Woods Hole Group, Inc. and New Environmental Horizons, Inc., July 2012 (Woods Hole Group, 2012b); and the Region I, *EPA-NE Data Validation Functional Guidelines for Evaluating Environmental Analyses,* December 1996, including *Part II – Volatile/Semivolatile Data Validation Functional Guidelines*, and *Part III – Pesticide/PCB Data Validation Functional Guidelines*;

2) Determine if the data met project data quality objectives for acceptable accuracy, precision, sensitivity; and technical usability;

3) Generate an electronic deliverable of validated results with project-specific data validation qualifiers added

A Data Validation (DV) Report was developed for each sample delivery group (SDG), consisting of three parts: a report letter summarizing the actions taken; a database file of validated sample results with validation qualifiers, bias, and comments added based on actions taken; and Data Review Checklists completed during validation to document the Tier I+ reviews. The Checklists are an integral part of the DV Report as they contain comprehensive details of all quality control (QC) data reviewed, the acceptance criteria used, and the professional judgment and actions taken.

The laboratory reported results for all 53 project-specific target VOCs, 67 project-specific SVOCs, and 9 PCB Aroclors required in the QAPP (Woods Hole Group, 2012b). As there were no Project Action Limits (PALs) for the analytes reported, all data met sensitivity requirements. Sample-specific reporting limits (RLs) were reported for all samples. Based on the Tier I+ validation of VOCs, SVOCs, and PCB Aroclors, the analytical data were considered usable based on a comparison to the QAPP requirements, with the understanding of the potential uncertainty (bias) in the qualified results (Woods Hole Group, 2012b).

Results were qualified with the following abbreviations:

- U = Analyte is non-detect at or above the sample-specific reporting limit (RL);
- UJ = Non-detect is estimated at the RL;
- J = Result is estimated;
- EB = analyte detected in associated equipment blank;
- D = result reported from a dilution analysis (added by laboratory);

Validation actions were taken on this data set for the following reasons:

- MS/MSD imprecision
- Low MS/MSD recoveries
- Low MS recovery
- REP/Field Duplicate (FD) imprecision
- Low Surrogate recovery
- Low % Solids
- High LCS recovery

- Low LCS recovery
- Dual Column Imprecision

Other validation actions included flagging results if compounds were detected in an associated equipment blank for field blank. The equipment blank qualifier, EB, was added to the samples in ASB-3 and ASB-4 that contained PCB Aroclor 1254 within 5 times the concentration detected in the equipment blank samples. There is negligible impact to the data since the highest concentration in the borings are orders of magnitude higher than the equipment blank results. The detections of Chloroform and Bromodichloromethane in the barge decontamination water source equipment blank sample are inconsequential to the dataset since these compounds were not detected in the field samples. The detection of Trichloroethene in trip blank sample TB-071912-02 resulted in the analytical data from three ASB-11 field samples being negated; these samples include: S-12L-B011-3.5-4.0, S-12L-B011-8.5-9.0, and S-12L-B011-13.5-14.0.

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Table 3. Summary of analytical results for specific contaminants of concern in boring ASB-1

Boring ID	Sample ID	Elevation (feet, NGVD29)	USCS Description	Strat. Unit	Total PCBs (µg/kg)	Aroclors (µg/kg)						VOCs (µg/kg)														
						# 1242			# 1254			Tetrachloroethene			Trichloroethene			cis-1,2-Dichloroethene			Vinyl Chloride			1,2,4-Trichlorobenzene		
						Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.
ASB-1	S-12L-B001-1.0-1.5	-6.5 to -7	OL	Marine	**28100**	5730	5730	DU	**28100**	5730	D	800	800	U	800	800	U	800	800	U	800	800	U	2000	2000	U
	S-12L-B001-4.0-4.5	-9.5 to -10	SP	Glacial Outwash	**8350000**	554000	554000	DU	**8350000**	554000	D	230	230		3500	230		1000	230		230	230	U	**13000**	580	
	S-12L-B001-6.0-6.5	-11.5 to -12	SW		**167300**	**73200**	4270	D	**94100**	4270	D	100	100	U	350	100		160	100		100	100	U	860	260	
	S-12L-B001-16.7-17.2	-22.2 to -22.7	SW		4853	1530	116	D	2600	116	D	230	230	U	560	230		230	230	U	230	230	U	580	580	U
	S-12L-B001-18.6-19.1	-24.1 to -24.6	SP	Glacial Till	774	292	21.2		482	21.2		4.8	4.8	U	77	4.8	J	4.8	4.8	U	4.8	4.8	U	12	12	U
	S-12L-B001-18.6-19.1 REP	-24.1 to -24.6	SP		643	226	21.3		417	21.3		4.1	4.1	U	140	4.1	J	8.1	4.1		4.1	4.1	U	10	10	U
	S-12L-B001-21.5-22.0	-27 to -27.5	CL		47.8	22.3	22.3	U	47.8	22.3		130	130	U	770	130		150	130		130	130	U	320	320	U
	S-12L-B001-23.5-24.0	-29 to -29.5	CL		28.7	20.7	20.7	U	28.7	20.7		210	210	U	850	210		210	210	U	210	210	U	530	530	U
	S-12L-B001-25.3-25.8	-30.8 to -31.3	GW-GC		106.3[†]	21.4	21.4	U	48.5	21.4		210	210	U	1000	210		210	210	U	210	210	U	520	520	U
	S-12L-B001-27.2-27.7	-32.7 to -33.2	ML		0	20.1	20.1	U	20.1	20.1	U	4.4	4.4	U	12	4.4		4.4	4.4	U	4.4	4.4	U	11	11	U

Notes:
(a) – Total PCBs calculated as the sum of Aroclors 1016, 1221, 1232, 1242, 1248, 1254, 1260, 1262, and 1268.
(b) – A value of zero (0) was used in summation for non-detects (U, UJ, DUJ).
(c) – Cells shaded in grey are validated non-detects for the corresponding analyte at the sample specific reporting limit (RL).
(d) – PCB Aroclor results greater than 10 ppm are in bold.
[†] Total PCB concentration includes Aroclor 1262, which is not presented in this Table; see section 4.3.1 for additional details.
µg/kg – micrograms per kilogram (ppb);
U = Analyte is non-detect at or above the sample-specific reporting limit (RL);
UJ = Non-detect is estimated at the RL;
J = Result is estimated;
EB = analyte detected in associated equipment blank;
D = result reported from a dilution analysis (added by laboratory);

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Table 4. Summary of analytical results for specific contaminants of concern in boring ASB-2

Boring ID	Sample ID	Elevation (feet, NGVD29)	USCS Description	Strat. Unit	Total PCBs (µg/kg)	Aroclors (µg/kg)						VOCs (µg/kg)														
						# 1242			# 1254			Tetrachloroethene			Trichloroethene			cis-1,2-Dichloroethene			Vinyl Chloride			1,2,4-Trichlorobenzene		
						Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.
ASB-2	S-12L-B002-1.0-1.5	-5.9 to -6.4	OL	Marine	2740	136	136	UJ	2740	136	J	44000	44000	DUJ	86000	44000	DJ	2200000	44000	DJ	160000	44000	DJ	110000	110000	DUJ
	S-12L-B002-3.0-3.5	-7.9 to -8.4	OL		52.2	25.1	25.1	U	52.2	25.1		2500	2500	DU	180000	2500	D	110000	2500	D	2500	2500	DU	6300	6300	DU
	S-12L-B002-5.5-6.0	-10.4 to -10.9	SW	Glacial Outwash	571	365	30.1	J	206	30.1	J	3600	3600	DU	280000	3600	D	160000	3600	D	3600	3600	DU	8900	8900	DU
	S-12L-B002-5.5-6.0 REP	-10.4 to -10.9	SW		9420	6420	571	JD	3000	571	JD	6000	6000	DU	300000	6000	D	160000	6000	D	6000	6000	DU	15000	15000	DU
	S-12L-B002-8.0-8.5	-12.9 to -13.4	SW		461.4*	231	22.3		210	22.3		140	140	U	340	140		220	140		140	140	U	360	360	U
	S-12L-B002-12-12.5	-16.9 to -17.4	SW-SM		0	21.1	21.1	U	21.1	21.1	U	130	130	U	420	130		130	130	U	130	130	U	340	340	U
	S-12L-B002-14-14.5	-18.9 to -19.4	SP-SM	Glacial Till	118.1	57.3	22.4		60.8	22.4		140	140	U	1100	140		140	140	U	140	140	U	350	350	U
	S-12L-B002-17.5-18	-22.4 to -22.9	SW		196.1†	21.2	21.2	U	26.1	21.2		3.7	3.7	U	98	3.7	J	6.9	3.7	J	3.7	3.7	U	9.4	9.4	U
	S-12L-B002-19.5-20	-24.4 to -24.9	ML		0	22.7	22.7	U	22.7	22.7	U	3.8	3.8	U	18	3.8		3.8	3.8	U	3.8	3.8	U	9.6	9.6	U
	S-12L-B002-24-24.5	-28.9 to -29.4	GW-GC		51.4†	22.3	22.3	U	33.1	22.3		3.2	3.2	U	24	3.2		3.8	3.2		3.2	3.2	U	8	8	U
	S-12L-B002-24.5-25	-29.4 to -29.9	GW-GC		47.5†	22.2	22.2	U	29.5	22.2		9.8	9.8	U	57	9.8		9.8	9.8	U	9.8	9.8	U	24	24	U

Notes:
(a) – Total PCBs calculated as the sum of Aroclors 1016, 1221, 1232, 1242, 1248, 1254, 1260, 1262, and 1268.
(b) – A value of zero (0) was used in summation for non-detects (U, UJ, DUJ).
(c) – Cells shaded in grey are validated non-detects for the corresponding analyte at the sample specific reporting limit (RL).
(d) – PCB Aroclor results greater than 10 ppm are in bold.
* Total PCB concentration includes Aroclor 1260, which is not presented in this Table; see section 4.3.1 for additional details.
† Total PCB concentration includes Aroclor 1262, which is not presented in this Table; see section 4.3.1 for additional details.
µg/kg – micrograms per kilogram (ppb);
U = Analyte is non-detect at or above the sample-specific reporting limit (RL);
UJ = Non-detect is estimated at the RL;
J = Result is estimated;
EB = analyte detected in associated equipment blank;
D = result reported from a dilution analysis (added by laboratory);

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Table 5. Summary of analytical results for specific contaminants of concern in boring ASB-3

Boring ID	Sample ID	Elevation (feet, NGVD29)	USCS Description	Strat. Unit	Total PCBs (µg/kg)	Aroclors (µg/kg)						VOCs (µg/kg)														
						# 1242			# 1254			Tetrachloroethene			Trichloroethene			cis-1,2-Dichloroethene			Vinyl Chloride			1,2,4-Trichlorobenzene		
						Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.
ASB-3	S-12L-B003-0.6-1.1	-7.4 to -7.9	OL	Marine	**2027000**	**957000**	114000	DJ	**1070000**	114000	DJ	230000	180000	DJ	24000000	740000	DJ	1500000	180000	DJ	180000	180000	DUJ	460000	460000	DUJ
	S-12L-B003-2.0-2.5	-8.8 to -9.3	OL		**3580000**	**1660000**	131000	D	**1920000**	131000	D	52000	31000	D	13000000	310000	DJ	450000	31000	DJ	31000	31000	DU	77000	77000	DUJ
	S-12L-B003-2.0-2.5 REP	-8.8 to -9.3	OL		**2530000**	**1280000**	113000	D	**1250000**	113000	D	18000	18000	DU	1800000	18000	DJ	150000	18000	DJ	18000	18000	DU	210000	44000	DJ
	S-12L-B003-3.5-4.0	-10.3 to -10.8	SW		**258000**	**123000**	20700	D	**135000**	20700	D	220	130		20000	650	D	410	130		130	130	U	2200	320	
	S-12L-B003-4.5-5.0	-11.3 to -11.8	SW		**1074000**	**524000**	21300	D	**550000**	21300	D	760	760	DU	760	760	DU	1900	760	D	760	760	DU	58000	1900	D
	S-12L-B003-9.0-9.5	-15.8 to -16.3	SW	Glacial Outwash	**789000**	**337000**	21900	D	**452000**	21900	D	520	140		780	140		140	140	U	140	140	U	7400	340	
	S-12L-B003-14.5-15.0	-21.3 to -21.8	SW		428	149	20.9		279	20.9	EB	1.7	1.7	U	15	1.7		3.9	1.7		1.7	1.7	U	9.1	4.2	
	S-12L-B003-19.5-20.0	-26.3 to -26.8	ML	Glacial Till	185.6	82.6	21.3		103	21.3	EB	150	150	U	1200	150		150	150	U	150	150	U	380	380	U
	S-12L-B003-21.5-22.0	-28.3 to -28.8	CL-ML		84.2	32.2	21.1		52	21.1	EB	140	140	U	1600	140		140	140	U	140	140	U	350	350	U
	S-12L-B003-22.5-23.0	-29.3 to -29.8	CL-ML		260.9*	87.6	24.1		145	24.1	EB	190	190	U	800	190		190	190	U	190	190	U	470	470	U

Notes:
(a) – Total PCBs calculated as the sum of Aroclors 1016, 1221, 1232, 1242, 1248, 1254, 1260, 1262, and 1268.
(b) – A value of zero (0) was used in summation for non-detects (U, UJ, DUJ).
(c) – Cells shaded in grey are validated non-detects for the corresponding analyte at the sample specific reporting limit (RL).
(d) – PCB Aroclor results greater than 10 ppm are in bold.
* Total PCB concentration includes Aroclor 1260, which is not presented in this Table; see section 4.3.1 for additional details.
µg/kg – micrograms per kilogram (ppb);
U = Analyte is non-detect at or above the sample-specific reporting limit (RL);
UJ = Non-detect is estimated at the RL;
J = Result is estimated;
EB = analyte detected in associated equipment blank;
D = result reported from a dilution analysis (added by laboratory);

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Table 6. Summary of analytical results for specific contaminants of concern in boring ASB-4

Boring ID	Sample ID	Elevation (feet, NGVD29)	USCS Description	Strat. Unit	Total PCBs (µg/kg)	Aroclors (µg/kg)						VOCs (µg/kg)														
						# 1242			# 1254			Tetrachloroethene			Trichloroethene			cis-1,2-Dichloroethene			Vinyl Chloride			1,2,4-Trichlorobenzene		
						Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.
ASB-4	S-12L-B004-0.5-1.0	-6.1 to -6.6	OL	Marine	8300	4900	503	D	3400	503	D	1900	1900	DU	81000	1900	D	17000	1900	D	1900	1900	DU	4800	4800	DU
	S-12L-B004-3.5-4.0	-9.1 to -9.6	ML		171.8	86	23.7	J	85.8	23.7	JEB	200	200	U	2000	200		3700	200		510	200		500	500	U
	S-12L-B004-3.5-4.0 REP	-9.1 to -9.6	ML		85.9	40.2	23.9	J	45.7	23.9	JEB	190	190	U	1800	190		4600	190		620	190		480	480	U
	S-12L-B004-6.5-7.0	-12.1 to -12.6	SP-SM	Glacial Outwash	138.8	80.8	23.5	J	58	23.5	EB	160	160	U	1100	160		330	160		160	160	U	410	410	U
	S-12L-B004-7.5-8.0	-13.1 to -13.6	GW		196.1	107	21.2		89.1	21.2	EB	130	130	U	600	130		130	130	U	130	130	U	330	330	U
	S-12L-B004-11.0-11.5	-16.6 to -17.1	SW-SM		261.7	92.7	20.1		169	20.1	EB	2.8	2.8	U	19	2.8		2.8	2.8	U	2.8	2.8	U	7.1	7.1	U
	S-12L-B004-15.5-16.0	-21.1 to -21.6	SW-SM		104	38.3	21.2		65.7	21.2	EB	140	140	U	190	140		140	140	U	140	140	U	350	350	U
	S-12L-B004-17.5-18.0	-23.1 to -23.6	ML	Glacial Till?	421	183	23.8		238	23.8	EB	160	160	U	1000	160		160	160	U	160	160	U	410	410	U
	S-12L-B004-20.0-20.5	-25.6 to -26.1	GW-GM	Glacial Outwash	132.3	64.3	21.8	J	68	21.8	EB	3.7	3.7	U	55	3.7		4.6	3.7		3.7	3.7	U	9.2	9.2	U

Notes:
(a) – Total PCBs calculated as the sum of Aroclors 1016, 1221, 1232, 1242, 1248, 1254, 1260, 1262, and 1268.
(b) – A value of zero (0) was used in summation for non-detects (U, UJ, DUJ).
(c) – Cells shaded in grey are validated non-detects for the corresponding analyte at the sample specific reporting limit (RL).
(d) – PCB Aroclor results greater than 10 ppm are in bold.
µg/kg – micrograms per kilogram (ppb);
U = Analyte is non-detect at or above the sample-specific reporting limit (RL);
UJ = Non-detect is estimated at the RL;
J = Result is estimated;
EB = analyte detected in associated equipment blank;
D = result reported from a dilution analysis (added by laboratory);

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Table 7. Summary of analytical results for specific contaminants of concern in boring ASB-5

Boring ID	Sample ID	Elevation (feet, NGVD29)	USCS Description	Strat. Unit	Total PCBs (µg/kg)	Aroclors (µg/kg)						VOCs (µg/kg)														
						# 1242			# 1254			Tetrachloroethene			Trichloroethene			cis-1,2-Dichloroethene			Vinyl Chloride			1,2,4-Trichlorobenzene		
						Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.
ASB-5	S-12L-B005-0.5-1.0	-6.2 to -6.7	OL	Marine	**163200**	**112000**	28100	D	**51200**	28100	D	7.5	7.5	U	7.5	7.5	U	7.5	7.5	U	7.5	7.5	U	19	19	U
	S-12L-B005-0.5-1.0 REP	-6.2 to -6.7	OL		**153800**	**111000**	25100	D	**42800**	25100	D	8.2	8.2	U	8.2	8.2	U	8.2	8.2	U	8.2	8.2	U	20	20	U
	S-12L-B005-4.0-4.5	-9.7 to -10.2	ML		252	23	23	U	252	23		3	3	U	3	3	U	3	3	U	3	3	U	7.5	7.5	UJ
	S-12L-B005-6.0-6.5	-11.7 to -12.2	SW-SM	Glacial Outwash	70.1	70.1	24.3		24.3	24.3	U	210	210	U	210	210	U	950	210		210	210	U	520	520	U
	S-12L-B005-7.5-8.0	-13.2 to -13.7	SW-SM		72.8	40.3	21.2		32.5	21.2		2.6	2.6	U	190	140		190	140		3.2	2.6		6.6	6.6	U
	S-12L-B005-10.5-11.0	-16.2 to -16.7	SP		67.8	19.8	19.8	U	67.8	19.8		2	2	U	13	2		2	2	U	2	2	U	5	5	U
	S-12L-B005-15.2-15.7	-21.2 to -21.7	SW-SM		84*	37.6	21.6		27.3	21.6		4.6	4.6	U	170	4.6		19	4.6		4.6	4.6	U	11	11	U
	S-12L-B005-16.5-17.0	-22.2 to -22.7	ML	Glacial Till	48.4*	31.6	24.3		24.3	24.3	U	3.8	3.8	U	250	3.8		39	3.8		3.8	3.8	U	9.6	9.6	U
	S-12L-B005-18.0-18.5	-23.7 to -24.2	ML		115.6*	46	22.7		50.7	22.7		2.7	2.7	U	120	2.7		19	2.7		2.7	2.7	U	6.8	6.8	U
	S-12L-B005-19.0-19.5	-24.7 to -25.2	SW		33.6	33.6	20.4		20.4	20.4	U	1.4	1.4	U	1.4	1.4	U	1.4	1.4	U	1.4	1.4	U	3.6	3.6	U
	S-12L-B005-21.0-21.5	-26.7 to -27.2	CL-ML		126.2*	22.6	22.5		78.2	22.5		2.8	2.8	U	17	2.8		5	2.8		2.8	2.8	U	7.1	7.1	U

Notes:
(a) – Total PCBs calculated as the sum of Aroclors 1016, 1221, 1232, 1242, 1248, 1254, 1260, 1262, and 1268.
(b) – A value of zero (0) was used in summation for non-detects (U, UJ, DUJ).
(c) – Cells shaded in grey are validated non-detects for the corresponding analyte at the sample specific reporting limit (RL).
(d) – PCB Aroclor results greater than 10 ppm are in bold.
* Total PCB concentration includes Aroclor 1260, which is not presented in this Table; see section 4.3.1 for additional details.
µg/kg – micrograms per kilogram (ppb);
U = Analyte is non-detect at or above the sample-specific reporting limit (RL);
UJ = Non-detect is estimated at the RL;
J = Result is estimated;
EB = analyte detected in associated equipment blank;
D = result reported from a dilution analysis (added by laboratory);

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Table 8. Summary of analytical results for specific contaminants of concern in boring ASB-6

Boring ID	Sample ID	Elevation (feet, NGVD29)	USCS Description	Strat. Unit	Total PCBs (µg/kg)	Aroclors (µg/kg)						VOCs (µg/kg)														
						# 1242			# 1254			Tetrachloroethene			Trichloroethene			cis-1,2-Dichloroethene			Vinyl Chloride			1,2,4-Trichlorobenzene		
						Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.
ASB-6	S-12L-B006-0.0-0.5	-4.4 to -4.9	OL	Marine	8320	4520	4520	DU	8320	4520	D	600	600	U	600	600	U	**16000**	600		3200	600		1500	1500	U
	S-12L-B006-1.0-1.5	-5.4 to -5.9	ML		4060	2660	2660	DU	4060	2660	D	280	280	U	280	280	U	1000	280		630	280	J	710	710	U
	S-12L-B006-1.0-1.5 REP	-5.4 to -5.9	ML		0	2640	2640	DU	2640	2640	DU	280	280	U	280	280	U	1500	280		1500	280	J	710	710	U
	S-12L-B006-3.0-3.5	-7.4 to -7.9	SP		29.2	23	23	U	29.2	23		230	230	U	230	230	U	720	230		230	230	U	570	570	U
	S-12L-B006-6.5-7.0	-10.9 to -11.4	SP		0	23.6	23.6	U	23.6	23.6	U	220	220	U	220	220	U	860	220		220	220	U	550	550	U
	S-12L-B006-8.0-8.5	-12.4 to -12.9	SP		0	22.4	22.4	U	22.4	22.4	U	210	210	U	210	210	U	900	210		210	210	U	520	520	U
	S-12L-B006-10.5-11.0	-14.9 to -15.4	SP		0	23.4	23.4	U	23.4	23.4	U	180	180	U	180	180	U	1000	180		180	180	U	440	440	U
	S-12L-B006-13.0-13.5	-17.4 to -17.9	SP		0	21.2	21.2	U	21.2	21.2	U	160	160	U	360	160		660	160		160	160	U	410	410	U
	S-12L-B006-16.5-17.0	-20.9 to -21.4	SW-SM	Glacial Outwash	0	21.5	21.5	U	21.5	21.5	U	3.9	3.9	U	270	3.9		110	3.9		3.9	3.9	U	9.8	9.8	U
	S-12L-B006-21.0-21.5	-25.4 to -25.9	SW		248.2†	20.9	20.9	U	39.2	20.9		160	160	U	160	160		160	160	U	160	160	U	410	410	U
	S-12L-B006-23.0-23.5	-27.4 to -27.9	ML		633†	43.2	43.2	DU	105	43.2	D	130	130	U	350	130		130	130	U	130	130	U	330	330	U
	S-12L-B006-26.0-26.5	-30.4 to -30.9	SW		17.6†	21.7	21.7	U	21.7	21.7	U	4	4	U	88	4		40	4		4	4	U	10	10	U
	S-12L-B006-27.0-27.5	-31.4 to -31.9	SW-SM		38.9†	21.1	21.1	U	21.1	21.1	U	190	190	U	260	190		190	190	U	190	190	U	480	480	U
	S-12L-B006-28.5-29.0	-32.9 to -33.4	CL-ML	Glacial Till	0	22.4	22.4	U	22.4	22.4	U	2.2	2.2	U	42	2.2		27	2.2		2.2	2.2	U	5.5	5.5	U
	S-12L-B006-31.0-31.5	-35.4 to -35.9	CL-ML		8.68†	22.8	22.8	U	22.8	22.8	U	3.8	3.8	U	73	3.8		18	3.8		3.8	3.8	U	9.6	9.6	U

Notes:
(a) – Total PCBs calculated as the sum of Aroclors 1016, 1221, 1232, 1242, 1248, 1254, 1260, 1262, and 1268.
(b) – A value of zero (0) was used in summation for non-detects (U, UJ, DUJ).
(c) – Cells shaded in grey are validated non-detects for the corresponding analyte at the sample specific reporting limit (RL).
(d) – PCB Aroclor results greater than 10 ppm are in bold.
† Total PCB concentration includes Aroclor 1262, which is not presented in this Table; see section 4.3.1 for additional details.
µg/kg – micrograms per kilogram (ppb);
U = Analyte is non-detect at or above the sample-specific reporting limit (RL);
UJ = Non-detect is estimated at the RL;
J = Result is estimated;
EB = analyte detected in associated equipment blank;
D = result reported from a dilution analysis (added by laboratory);

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Table 9. Summary of analytical results for specific contaminants of concern in boring ASB-7

Boring ID	Sample ID	Elevation (feet, NGVD29)	USCS Description	Strat. Unit	Total PCBs (µg/kg)	Aroclors (µg/kg)						VOCs (µg/kg)														
						# 1242			# 1254			Tetrachloroethene			Trichloroethene			cis-1,2-Dichloroethene			Vinyl Chloride			1,2,4-Trichlorobenzene		
						Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.
ASB-7	S-12L-B007-0.5-1.0	-2.5 to -3	ML	Marine	3360	2260	184	D	1100	184	D	6.5	6.5	U	6.5	6.5	U	6.5	6.5	U	6.5	6.5	U	16	16	U
	S-12L-B007-1.5-2.0	-3.5 to -4	Pt	Peat	7850	5220	328	DJ	2630	328	DJ	27	27	UJ	27	27	UJ	27	27	UJ	27	27	UJ	67	67	UJ
	S-12L-B007-2.5-3.0	-4.5 to -5	Pt		0	164	164	UJ	164	164	UJ	33	33	UJ	33	33	UJ	33	33	UJ	33	33	UJ	83	83	UJ
	S-12L-B007-2.5-3.0REP	-4.5 to -5	Pt		810	688	113	J	122	113	J	29	29	UJ	29	29	UJ	29	29	UJ	29	29	UJ	74	74	UJ
	S-12L-B007-5.0-5.5	-7 to -7.5	SW	Glacial Outwash	0	20.6	20.6	U	20.6	20.6	U	3.1	3.1	U	3.1	3.1	U	3.1	3.1	U	3.1	3.1	U	8.4	7.7	
	S-12L-B007-10.0-10.5	-12 to -12.5	SW-SM		110.1	77.7	21.7	J	32.4	21.7		3.4	3.4	U	3.4	3.4	U	520	200		94	3.4		8.5	8.5	U
	S-12L-B007-14.5-15.0	-16.5 to -17	SW		25.3	25.3	20.8		20.8	20.8	U	3	3	U	3	3	U	3	3	U	3	3	U	7.4	7.4	U
	S-12L-B007-15.5-16.0	-17.5 to -18	SW		178.7*	25.7	21.4		21.4	21.4	U	2.1	2.1	U	26	2.1		23	2.1		2.1	2.1	U	5.3	5.3	U
	S-12L-B007-19.5-20.0	-21.5 to -22	SW		0	22.3	22.3	U	22.3	22.3	U	2.1	2.1	U	21	2.1		2.2	2.1		2.1	2.1	U	5.3	5.3	U
	S-12L-B007-20.5-21.0	-22.5 to -23	SP-SM	Glacial Till	41.7	41.7	20.9		20.9	20.9	U	2.2	2.2	U	120	2.2		19	2.2		2.2	2.2		5.4	5.4	U
	S-12L-B007-30.0-30.5	-32 to -32.5	SW-SM		0	20	20	U	20	20	U	1.8	1.8	U	30	1.8		47	1.8		20	1.8		4.6	4.6	U
	S-12L-B007-32.5-33.0	-34.5 to -35	SW		22.2	22.2	20.4		20.4	20.4	U	1.8	1.8	U	35	1.8		59	1.8		11	1.8		4.6	4.6	U
	S-12L-B007-34.5-35.0	-36.5 to -37	SW		37	21	21	U	37	21		2.3	2.3	U	8.1	2.3		4	2.3		2.3	2.3	U	5.8	5.8	U

Notes:
(a) – Total PCBs calculated as the sum of Aroclors 1016, 1221, 1232, 1242, 1248, 1254, 1260, 1262, and 1268.
(b) – A value of zero (0) was used in summation for non-detects (U, UJ, DUJ).
(c) – Cells shaded in grey are validated non-detects for the corresponding analyte at the sample specific reporting limit (RL).
(d) – PCB Aroclor results greater than 10 ppm are in bold.
* Total PCB concentration includes Aroclor 1260, which is not presented in this Table; see section 4.3.1 for additional details. µg/kg – micrograms per kilogram (ppb);
U = Analyte is non-detect at or above the sample-specific reporting limit (RL);
UJ = Non-detect is estimated at the RL;
J = Result is estimated;
EB = analyte detected in associated equipment blank;
D = result reported from a dilution analysis (added by laboratory);

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Table 10. Summary of analytical results for specific contaminants of concern in boring ASB-8

Boring ID	Sample ID	Elevation (feet, NGVD29)	USCS Description	Strat. Unit	Total PCBs (µg/kg)	Aroclors (µg/kg)						VOCs (µg/kg)														
						# 1242			# 1254			Tetrachloroethene			Trichloroethene			cis-1,2-Dichloroethene			Vinyl Chloride			1,2,4-Trichlorobenzene		
						Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.
ASB-8	S-12L-B008-0.5-1.0	-5.2 to -5.7	ML	Marine	**3280000**	**3280000**	150000	D	150000	150000	DU	2300	2300	DU	2300	2300	DU	1000000	23000	D	170000	2300	D	120000	5700	DJ
	S-12L-B008-0.5-1.0REP	-5.2 to -5.7	ML		**4800000**	**4800000**	373000	D	373000	373000	DU	4100	4100	DU	4100	4100	DU	1600000	41000	D	240000	4100	D	320000	10000	DJ
	S-12L-B008-1.5-2.0	-6.2 to -6.7	ML		**2570000**	**2570000**	147000	D	147000	147000	DU	20000	20000	DU	20000	20000	DU	1100000	20000	D	120000	20000	D	49000	49000	DU
	S-12L-B008-3.0-3.5	-7.7 to -8.2	ML		**124800**	**107000**	3640	D	**17800**	3640	D	13000	13000	DU	340000	13000	D	960000	13000	D	43000	13000	D	32000	32000	DU
	S-12L-B008-6.0-6.5	-10.7 to -11.2	ML		**3790000**	**3790000**	158000	D	158000	158000	DU	480	480	U	25000	480		17000	480		480	480	U	3500	1200	
	S-12L-B008-7.5-8.0	-12.2 to -12.7	ML		**188000**	**188000**	8280	D	8280	8280	DU	27000	27000	DU	620000	27000	D	930000	27000	D	27000	27000	DU	69000	69000	DU
	S-12L-B008-11.0-11.5	-15.7 to -16.2	SW-SM	Glacial Outwash	**276000**	**276000**	21200	D	21200	21200	DU	250	250	U	250	250	U	250	250	U	250	250	U	3800	620	
	S-12L-B008-16.5-17.0	-21.2 to -21.7	SW-SM		**190000**	**190000**	10300	D	10300	10300	DU	150	150	U	150	150	U	150	150	U	150	150	U	760	370	
	S-12L-B008-21.0-21.5	-25.7 to -26.2	SP-SM		274.9*	192	21		59	21		4.2	4.2	U	220	4.2		91	4.2		4.2	4.2	U	13	10	
	S-12L-B008-22.2-22.7	-26.9 to -27.4	ML	Glacial Till	202.4*	140	21.4		34.2	21.4		2.6	2.6	U	140	2.6		65	2.6		2.6	2.6	U	9.9	6.6	

Notes:
(a) – Total PCBs calculated as the sum of Aroclors 1016, 1221, 1232, 1242, 1248, 1254, 1260, 1262, and 1268.
(b) – A value of zero (0) was used in summation for non-detects (U, UJ, DUJ).
(c) – Cells shaded in grey are validated non-detects for the corresponding analyte at the sample specific reporting limit (RL).
(d) – PCB Aroclor results greater than 10 ppm are in bold.
* Total PCB concentration includes Aroclor 1260, which is not presented in this Table; see section 4.3.1 for additional details.
µg/kg – micrograms per kilogram (ppb);
U = Analyte is non-detect at or above the sample-specific reporting limit (RL);
UJ = Non-detect is estimated at the RL;
J = Result is estimated;
EB = analyte detected in associated equipment blank;
D = result reported from a dilution analysis (added by laboratory);

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Table 11. Summary of analytical results for specific contaminants of concern in boring ASB-9

Boring ID	Sample ID	Elevation (feet, NGVD29)	USCS Description	Strat. Unit	Total PCBs (µg/kg)	Aroclors (µg/kg)						VOCs (µg/kg)														
						# 1242			# 1254			Tetrachloroethene			Trichloroethene			cis-1,2-Dichloroethene			Vinyl Chloride			1,2,4-Trichlorobenzene		
						Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.
ASB-9	S-12L-B009-0.5-1.0	-7.5 to -8	OL	Marine	1050	1050	62.9	J	62.9	62.9	UJ	880	880	UJ	100000	8800	DJ	400000	8800	DJ	18000	880	J	2200	2200	UJ
	S-12L-B009-1.5-2.0	-8.5 to -9	OL		0	25.1	25.1	U	25.1	25.1	U	270	270	U	8800	270		10000	270		270	270	U	680	680	U
	S-12L-B009-1.5-2.0REP	-8.5 to -9	OL		0	23.9	23.9	U	23.9	23.9	U	250	250	U	14000	250		12000	250		250	250	U	630	630	U
	S-12L-B009-5.5-6.0	-12.5 to -13	SW-SM		0	21.8	21.8	U	21.8	21.8	U	150	150	U	160	150		760	150		150	150	U	380	380	U
	S-12L-B009-9.2-9.7	-16.2 to -16.7	SW		48.6	48.6	21.5		21.5	21.5	U	3.8	3.8	U	34	3.8		15	3.8		3.8	3.8	U	14	9.6	
	S-12L-B009-10.3-10.8	-17.3 to -17.8	SW-SM	Glacial Outwash	0	21.8	21.8	U	21.8	21.8	U	3	3	U	340	170		410	170		9	3		45	7.4	
	S-12L-B009-15.0-15.5	-22 to -22.5	SW-SM		28.6	28.6	21.3		21.3	21.3	U	150	150	U	700	150		150	150	U	150	150	U	370	370	U
	S-12L-B009-19.0-19.5	-26 to -26.5	SW		57.2*	31.5	20.5		20.5	20.5	U	4	4	U	120	4		17	4		4	4	U	10	10	U
	S-12L-B009-21.5-22.0	-28.5 to -29	CL	Glacial Till	73.5*	28.9	21.5		21.5	21.5	U	3.5	3.5	U	290	3.5		45	3.5		3.5	3.5	U	8.8	8.8	U

Notes:
(a) – Total PCBs calculated as the sum of Aroclors 1016, 1221, 1232, 1242, 1248, 1254, 1260, 1262, and 1268.
(b) – A value of zero (0) was used in summation for non-detects (U, UJ, DUJ).
(c) – Cells shaded in grey are validated non-detects for the corresponding analyte at the sample specific reporting limit (RL).
(d) – PCB Aroclor results greater than 10 ppm are in bold.
* Total PCB concentration includes Aroclor 1260, which is not presented in this Table; see section 4.3.1 for additional details.
µg/kg – micrograms per kilogram (ppb);
U = Analyte is non-detect at or above the sample-specific reporting limit (RL);
UJ = Non-detect is estimated at the RL;
J = Result is estimated;
EB = analyte detected in associated equipment blank;
D = result reported from a dilution analysis (added by laboratory);

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Table 12. Summary of analytical results for specific contaminants of concern in boring ASB-10

Boring ID	Sample ID	Elevation (feet, NGVD29)	USCS Description	Strat. Unit	Total PCBs (µg/kg)	Aroclors (µg/kg)						VOCs (µg/kg)														
						# 1242			# 1254			Tetrachloroethene			Trichloroethene			cis-1,2-Dichloroethene			Vinyl Chloride			1,2,4-Trichlorobenzene		
						Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.
ASB-10	S-12L-B010-0.2-0.7	-7.4 to -7.9	OL	Marine	**59000**	**59000**	2840	D	2840	2840	DU	890	890	U	890	890	U	5100	890		4500	890		2200	2200	U
	S-12L-B010-1.0-1.5	-8.2 to -8.7	ML		2246	1670	161	J	576	161	J	8600	8600	DUJ	8600	8600	DUJ	420000	8600	DJ	49000	8600	DJ	140000	22000	DJ
	S-12L-B010-2.5-3.0	-9.7 to -10.2	ML		538	437	36.5	J	101	36.5	J	1900	1900	DU	1900	1900	DU	70000	1900	D	4400	1900	DJ	7300	4800	D
	S-12L-B010-2.5-3.0 REP	-9.7 to -10.2	ML		969	797	46.1	J	172	46.1	J	2500	2500	DU	2500	2500	DU	110000	2500	D	9100	2500	DJ	12000	6300	D
	S-12L-B010-4.0-4.5	-11.2 to -11.7	SW-SM	Glacial Outwash	149	117	20.1		32	20.1		2.6	2.3		28	2.3		52	2.3		2.3	2.3	U	25	5.6	
	S-12L-B010-6.5-7.0	-13.7 to -14.2	SW-SM		56.6	56.6	21.7		21.7	21.7	U	4.4	2.1		140	2.1		340	150		14	2.1		26	5.3	
	S-12L-B010-9.0-9.5	-16.2 to -16.7	SW		366.7	294	20.6		72.7	20.6		3.4	3.4	U	9.2	3.4		11	3.4		3.4	3.4	U	8.4	8.4	U
	S-12L-B010-11.0-11.5	-18.2 to -18.7	SW-SM		128	128	21.6		21.6	21.6	U	2.5	2.5	U	11	2.5		19	2.5		2.5	2.5	U	6.2	6.2	U
	S-12L-B010-14.0-14.5	-21.2 to -21.7	SW-SM		197*	125	20.6		31.3	20.6		2.8	2.8	U	15	2.8		7	2.8		2.8	2.8	U	7.1	7.1	U
	S-12L-B010-15.8-16.3	-23 to -23.5	SW-SM		115	115	21.8		21.8	21.8	U	4	2.2		160	150		170	2.2		16	5.5		5.5	5.5	U
	S-12L-B010-20.0-20.5	-27.2 to -27.7	CL-ML	Glacial Till	123.4*	83	23		24.7	23		4.6	4.6	U	150	4.6		56	4.6		5	4.6		12	12	U
	S-12L-B010-21.5-22.0	-28.7 to -29.2	ML		155.2*	108	22.2		30.8	22.2		3	3		240	160		96	3		5.6	3		7.5	7.5	U
	S-12L-B010-22.7-23.2	-29.9 to -30.4	ML		25	25	20.8		20.8	20.8	U	2.8	2.8	U	57	2.8		7.2	2.8		2.8	2.8	U	7.1	7.1	U

Notes:
(a) – Total PCBs calculated as the sum of Aroclors 1016, 1221, 1232, 1242, 1248, 1254, 1260, 1262, and 1268.
(b) – A value of zero (0) was used in summation for non-detects (U, UJ, DUJ
(c) – Cells shaded in grey are validated non-detects for the corresponding analyte at the sample specific reporting limit (RL).
(d) – PCB Aroclor results greater than 10 ppm are in bold.
* Total PCB concentration includes Aroclor 1260, which is not presented in this Table; see section 4.3.1 for additional details.
µg/kg – micrograms per kilogram (ppb);
U = Analyte is non-detect at or above the sample-specific reporting limit (RL);
UJ = Non-detect is estimated at the RL;
J = Result is estimated;
EB = analyte detected in associated equipment blank;
D = result reported from a dilution analysis (added by laboratory);

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Table 13. Summary of analytical results for specific contaminants of concern in boring ASB-11

Boring ID	Sample ID	Elevation (feet, NGVD29)	USCS Description	Strat. Unit	Total PCBs (µg/kg)	Aroclors (µg/kg)						VOCs (µg/kg)														
						# 1242			# 1254			Tetrachloroethene			Trichloroethene			cis-1,2-Dichloroethene			Vinyl Chloride			1,2,4-Trichlorobenzene		
						Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.
ASB-11	S-12L-B011-0.2-0.7	-7.1 to -7.6	OL	Marine	978	943	943	DU	978	943	D	6.8	6.8	U	6.8	6.8	U	6.8	6.8	U	6.8	6.8	U	17	17	U
	S-12L-B011-2.0-2.5	-8.9 to -9.4	SM		22.7	22.7	21.6	J	21.6	21.6	U	150	150	U	1300	150		320	150		150	150	U	520	370	
	S-12L-B011-2.0-2.5 REP	-8.9 to -9.4	SM		88.9	88.9	22.8	J	22.8	22.8	U	160	160	U	1300	160		330	160		160	160	U	510	400	
	S-12L-B011-3.5-4.0	-10.4 to -10.9	SW-SM		104	104	21.7		21.7	21.7	U	2.5	2.5	U	7.8	2.5	U	2.5	2.5	U	2.5	2.5	U	6.2	6.2	U
	S-12L-B011-8.5-9.0	-15.4 to -15.9	SW-SM	Glacial Outwash	70.1	70.1	20.9		20.9	20.9	U	2.1	2.1	U	12	2.1	U	2.1	2.1	U	2.1	2.1	U	5.3	5.3	U
	S-12L-B011-13.5-14.0	-20.4 to -20.9	SP		103.4*	58	20.5		22	20.5		2.7	2.7	U	6.4	2.7	U	2.7	2.7	U	2.7	2.7	U	6.8	6.8	U
	S-12L-B011-16.0-16.5	-22.9 to -23.4	SW-SM		413.2*	40.8	20.2		51.4	20.2		3.3	3.3	U	33	3.3		7.7	3.3		3.3	3.3	U	8.2	8.2	U
	S-12L-B011-18.5-19.0	-25.4 to -25.9	SM	Glacial Till	120*	62.4	21.2		29.6	21.2	J	2.1	1.9		190	1.9		180	1.9		1.9	1.9	U	4.9	4.9	U
	S-12L-B011-20.0-20.5	-26.9 to -27.4	SM		35.3	35.3	21		21	21	U	3	3	U	92	3		61	3		3	3	U	7.5	7.5	U
	S-12L-B011-21.5-22.0	-28.4 to -28.9	CL		53.6	53.6	21.3		21.3	21.3	U	1.9	1.9	U	63	1.9		45	1.9		1.9	1.9	U	4.8	4.8	U
	S-12L-B011-22.0-22.5	-28.9 to -29.4	CL		23.9	23.9	21.9		21.9	21.9	U	2	2	U	28	2		18	2		2	2	U	4.9	4.9	U
	S-12L-B011-25.5-26.0	-32.4 to -32.9	ML		29.2	29.2	21.7		21.7	21.7	U	2.6	2.6	U	23	2.6		12	2.6		2.6	2.6	U	6.6	6.6	U

Notes:

(a) – Total PCBs calculated as the sum of Aroclors 1016, 1221, 1232, 1242, 1248, 1254, 1260, 1262, and 1268.
(b) – A value of zero (0) was used in summation for non-detects (U, UJ, DUJ).
(c) – Cells shaded in grey are validated non-detects for the corresponding analyte at the sample specific reporting limit (RL).
(d) – PCB Aroclor results greater than 10 ppm are in bold.
* Total PCB concentration includes Aroclor 1260, which is not presented in this Table; see section 4.3.1 for additional details.
µg/kg – micrograms per kilogram (ppb);
U = Analyte is non-detect at or above the sample-specific reporting limit (RL);
UJ = Non-detect is estimated at the RL;
J = Result is estimated;
EB = analyte detected in associated equipment blank;
D = result reported from a dilution analysis (added by laboratory);

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Table 14. Summary of analytical results for specific contaminants of concern in boring ASB-12

Boring ID	Sample ID	Elevation (feet, NGVD29)	USCS Description	Strat. Unit	Total PCBs (µg/kg)	Aroclors (µg/kg)						VOCs (µg/kg)														
						# 1242			# 1254			Tetrachloroethene			Trichloroethene			cis-1,2-Dichloroethene			Vinyl Chloride			1,2,4-Trichlorobenzene		
						Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.	Value	RL	Qual.
ASB-12	S-12L-B012-1.0-1.5	-5.2 to -5.7	ML	Marine	2246	1840	209	DJ	406	209	DJ	6700	6700	DU	6700	6700	DU	380000	6700	DJ	110000	6700	D	17000	17000	DU
	S-12L-B012-1.0-1.5 REP	-5.2 to -5.7	ML		4028	438	121	DJ	3590	203	DJ	1100	1100	DU	1100	1100	DU	91000	1100	DJ	110000	1100	D	2800	2800	DU
	S-12L-B012-2.0-2.5	-6.2 to -6.7	Pt	Peat	129	129	45		45	45	U	6200	6200	DU	6200	6200	DU	360000	6200	D	22000	6200	D	16000	16000	DU
	S-12L-B012-2.5-3.0	-6.7 to -7.2	Pt		115	115	36.4		36.4	36.4	U	3600	3600	DU	3600	3600	DU	190000	3600	D	18000	3600	D	9000	9000	DU
	S-12L-B012-4.0-4.5	-8.2 to -8.7	SM	Glacial Outwash	77.3	77.3	24.4		24.4	24.4	U	440	440	DU	440	440	DU	29000	440	D	440	440	DU	1100	1100	DU
	S-12L-B012-6.0-6.5	-10.2 to -10.7	SM		474	356	24.4		118	24.4		210	210	U	2100	210		9800	210		520	210		540	540	U
	S-12L-B012-7.0-7.5	-11.2 to -11.7	SW-SM		60.3	60.3	21.2		21.2	21.2	U	430	430	U	520	430		2700	430		430	430	U	1100	1100	U
	S-12L-B012-10.5-11.0	-14.7 to -15.2	SW-SM		160.5	125	21.3		35.5	21.3		160	160	U	320	160		860	160		160	160	U	410	410	U
	S-12L-B012-13.5-14.0	-17.7 to -18.2	SW-SM		64	64	21.4		21.4	21.4	U	160	160	U	590	160		160	160	U	160	160	U	400	400	U
	S-12L-B012-17.0-17.5	-21.2 to -21.7	SW		36.3	36.3	20.8		20.8	20.8	U	150	150	U	1500	150		150	150	U	150	150	U	380	380	U
	S-12L-B012-17.0-17.5 REP	-21.2 to -21.7	SW		44.6	44.6	21.3		21.3	21.3	U	120	120	U	1600	120		120	120	U	120	120	U	290	290	U
	S-12L-B012-18.5-19.0	-22.7 to -23.2	CL	Glacial Till	31.5	31.5	21.5		21.5	21.5	U	200	200	U	1600	200		200	200	U	200	200	U	500	500	U
	S-12L-B012-21.0-21.5	-25.2 to -25.7	CL		28.1	28.1	23.6		23.6	23.6	U	180	180	U	970	180		180	180	U	180	180	U	460	460	U

Notes:
(a) – Total PCBs calculated as the sum of Aroclors 1016, 1221, 1232, 1242, 1248, 1254, 1260, 1262, and 1268.
(b) – A value of zero (0) was used in summation for non-detects (U, UJ, DUJ).
(c) – Cells shaded in grey are validated non-detects for the corresponding analyte at the sample specific reporting limit (RL).
(d) – PCB Aroclor results greater than 10 ppm are in bold.
µg/kg – micrograms per kilogram (ppb);
U = Analyte is non-detect at or above the sample-specific reporting limit (RL);
UJ = Non-detect is estimated at the RL;
J = Result is estimated;
EB = analyte detected in associated equipment blank;
D = result reported from a dilution analysis (added by laboratory);

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Table 15. Summary of the twelve most-frequently detected SVOCs

Analyte	Number of Detections	Minimum Concentration (µg/kg)	Maximum Concentration (µg/kg)
Fluoranthene	17	270 (RL = 240)	62,000 (RL = 1,200)
Phenanthrene	17	260 (RL = 240)	69,000 (RL = 1,200)
Pyrene	16	710 (RL = 580)	46,000 (RL = 1,200)
Benz(a)Anthracene	14	630 (RL = 270)	22,000 (RL = 1,200)
Benzo(a)Pyrene	14	560 (RL = 360)	19,000 (RL = 1,600)
Benzo(b)Fluoranthene	14	600 (RL = 230)	23,000 (RL = 1,200)
Benzo(k)Fluoranthene	14	280 (RL = 130)	9,500 (RL = 1,200)
Chrysene	14	750 (RL = 270)	22,000 (RL = 1,200)
Benzo(g,h,i)Perylene	13	330 (RL = 170)	10,000 (RL = 1,600)
Indeno(1,2,3-Cd)Pyrene	13	370 (RL = 170)	12,000 (RL = 1,600)
Anthracene	12	320 (RL = 290)	20,000 (RL = 1,200)
Fluorene	7	230 (RL = 210)	11,000 (RL = 2,000)

Note:
Please see Appendix D for laboratory data reports and Appendix E for data validation reports.

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Table 16. Summary of Equipment Blank Results

Sample Description	Sample ID	Detected Analytes
ASB-1	EB-071212-01	none
ASB-2	EB-071312-01	none
ASB-3	EB-071312-02	Aroclor 1254 @ 0.418 µg/l (RL = 0.25 µg/l)
ASB-4	EB-071412-01	Aroclor 1254 @ 0.325 µg/l, (RL = 0.25 µg/l)
ASB-5	EB-071412-03	none
ASB-6	EB-071612-01	none
ASB-7	EB-071412-04	none
ASB-8	EB-071712-01	none
ASB-9	EB-071612-02	none
ASB-10	EB-071712-02	none
ASB-11	EB-071712-03	none
ASB-12	EB-071812-01	none
Barge Decontamination Water Source	EB-071412-02	Chloroform @ 7.0 µg/l, (RL = 0.75 µg/l); Bromodichloromethane @ 1.4 µg/l, (RL = 0.5 µg/l)
Laboratory Equipment Decontamination	EB-071912-01	none

Table 17. Summary of Trip Blank Results

Sample Description	Sample ID	Detected Analytes
ASB-1	TB-071212-02 TB-071212-03	none
ASB-2	TB-071212-02 TB-071212-03 TB-071312-01 TB-071312-02	none
EB-071312-01	TB-071312-03	none
ASB-3	TB-071412-01 TB-071412-02	none
EB-071312-02	TB-071312-03	none
ASB-4	TB-071412-01 TB-071412-02	none
EB-071412-01	TB-071412-03	none
ASB-5	TB-071412-01 TB-071412-02 TB-071812-02 TB-071812-03	none
EB-071412-03	TB-071412-04	none
ASB-6	TB-071612-01 TB-071612-02	none
EB-071612-01	TB-071612-03	none
ASB-7	TB-071912-03 TB-071912-04	none
EB-071412-04	TB-071412-04	none
ASB-8	TB-071712-02 TB-071712-03	none

Sample Description	Sample ID	Detected Analytes
EB-071712-01	TB-071712-01	none
ASB-9	TB-071712-02 TB-071712-03	none
EB-071612-02	TB-071712-01	none
ASB-10	TB-071812-02 TB-071812-03	none
EB-071712-02	TB-071712-01	none
ASB-11	TB-071912-01 TB-071912-02 TB-071812-02 TB-071812-03	Trichloroethene @ 2.6 µg/l (RL = 2.0 µg/l) in sample TB-071912-02
EB-071712-03	TB-071812-01	none
ASB-12	TB-072012-01 TB-072012-02 TB-071912-03 TB-071912-04	none
EB-071812-01	TB-071812-01	none
EB-071412-02 (Barge Decontamination Water Source)	TB-071412-03	none
EB-071912-01 (Laboratory Equipment Decontamination)	TB-071912-05	none

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APPENDIX A. FIELD NOTES

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Location NBH Superfund Site Date 07 10 12
Project / Client ACE-J23-35B60708-F1-0001

Activities Sonic Drilling w/ soil sampling via barge; Continuous Coring from H_2O/sediment interface to top of bedrock; 5' cores to be collected on site

Personnel David Walsh (Woods Hole Group), Don Melcher (Jacobs), Kevin Smith, Dennis Schweisthal, & John Posteric (Boart Longyear), Bob Scott (New England Harbor Services)

Location New Bedford Harbor Superfund Site, Upper Harbor @ west shoreline adjacent to former Aerovox property

Equipment Mini-Sonic Rig 200C # 01636; 40' x 40' barge w/ crane; 4½" (0.37') OD 5' long core barrels; Carolina Skiff J16 (NEHS) & Woods Hole Group (WHG) pontoon

[signature] 07.10.12

[signature]

Location New Bedford Harbor Date 07 10 12
Project / Client ACE-J23-35B60708-F1-0001

0600 Attend Health & safety tailgate @ New Bedford Harbor Superfund Site EPA office, 103 Sawyer St, New Bedford MA; Topics incl. increase in site activity & heat stress

0615 Attend drilling kick-off meeting w/ Woods Hole Group, Boart Longyear, & Jacobs personnel, Review SPA

0700 Drill crew continues loading equip on barge; Note drill rig mobilized to site on 060912

0830 Depart Area C for Aerovox via barge, USACE pontoon boat escorts barge

0945 Arrive C first location ASB-1; Barge secured w/ spuds; Awaiting approval from USACE to WHG to proceed/commence drilling

1100 Return to Area C; Drilling to commence w/ USACE approval

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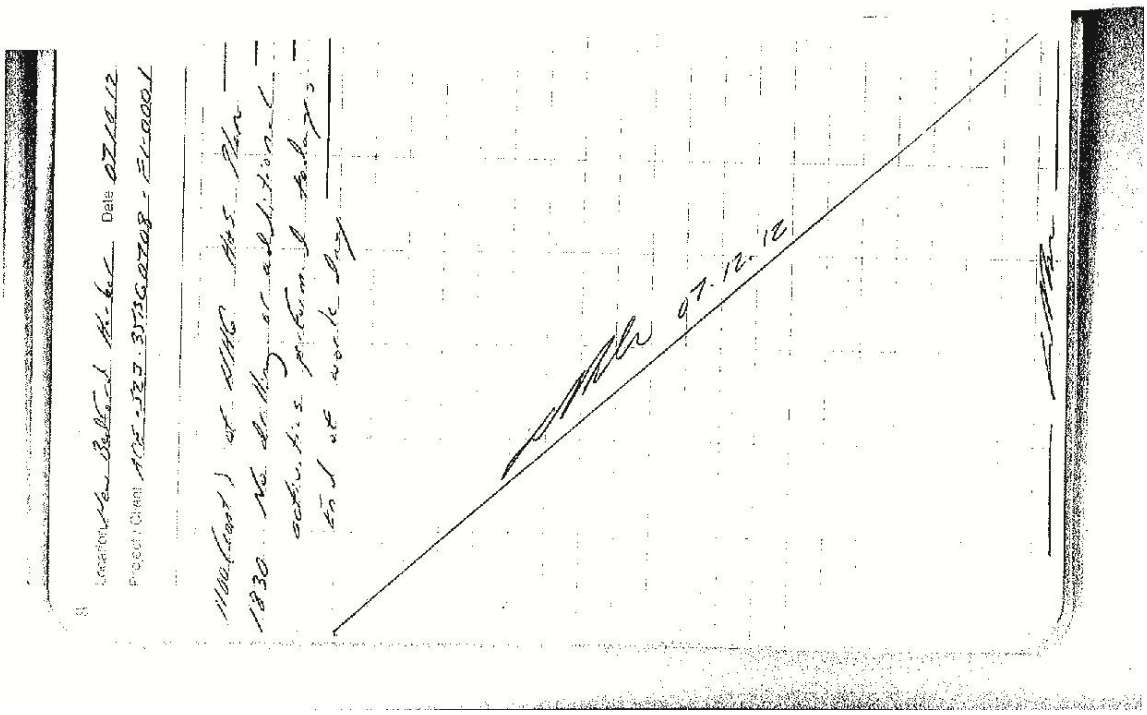

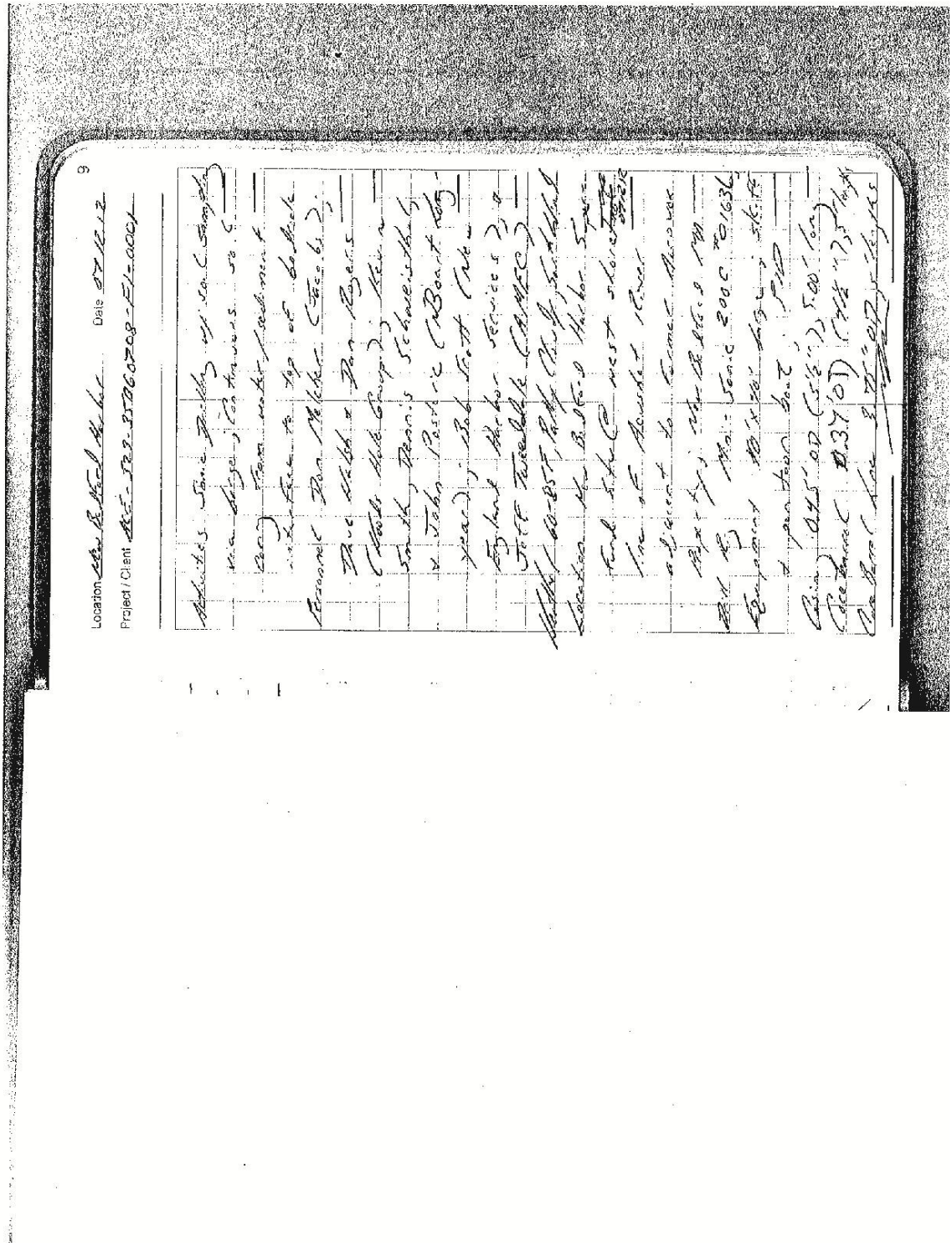

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Location NBH Superfund Site Date 07.12.12

Project / Client ACE - J23 - 35B6 0708 - F1 - 0009

0545 Arrive @ Area C

0600 H&S Tailgate conducted; Topics incl. multiple operations in the upper harbor as well as heat stress

0615 Review project status w/ Woods Hole Group, Boarthong-year, Jacobs, & Amec personnel; USACE approval of WHG H&S plan pending; Requirement of H2O for WHG by USACE fulfilled w/ AMEC health & safety professional; Note: no field ops performed on 07.11.12

0630 Drillers load equip on pontoon boat

0730 Depart to east terminus of Hadley St (between Tittle ist bldg & former Aerovox property @ Belleville Ave); Pontoon boat to ferry personnel to barge @ east terminus of Hadley St

11

Location NBH Superfund Site Date 07.12.12

Project / Client ACE - J23 - 35B6 0708 - F1 - 0009

0800 WHG ferries drillers & Jacobs personnel to barge; Drillers set up core cutting station; Wooden raw horse over barrel polyethylene sheeting

0930 Install oil boom around barge

0900 Awaiting word to proceed

1030 P. Le Reaux (USACE) on site @ shoreline

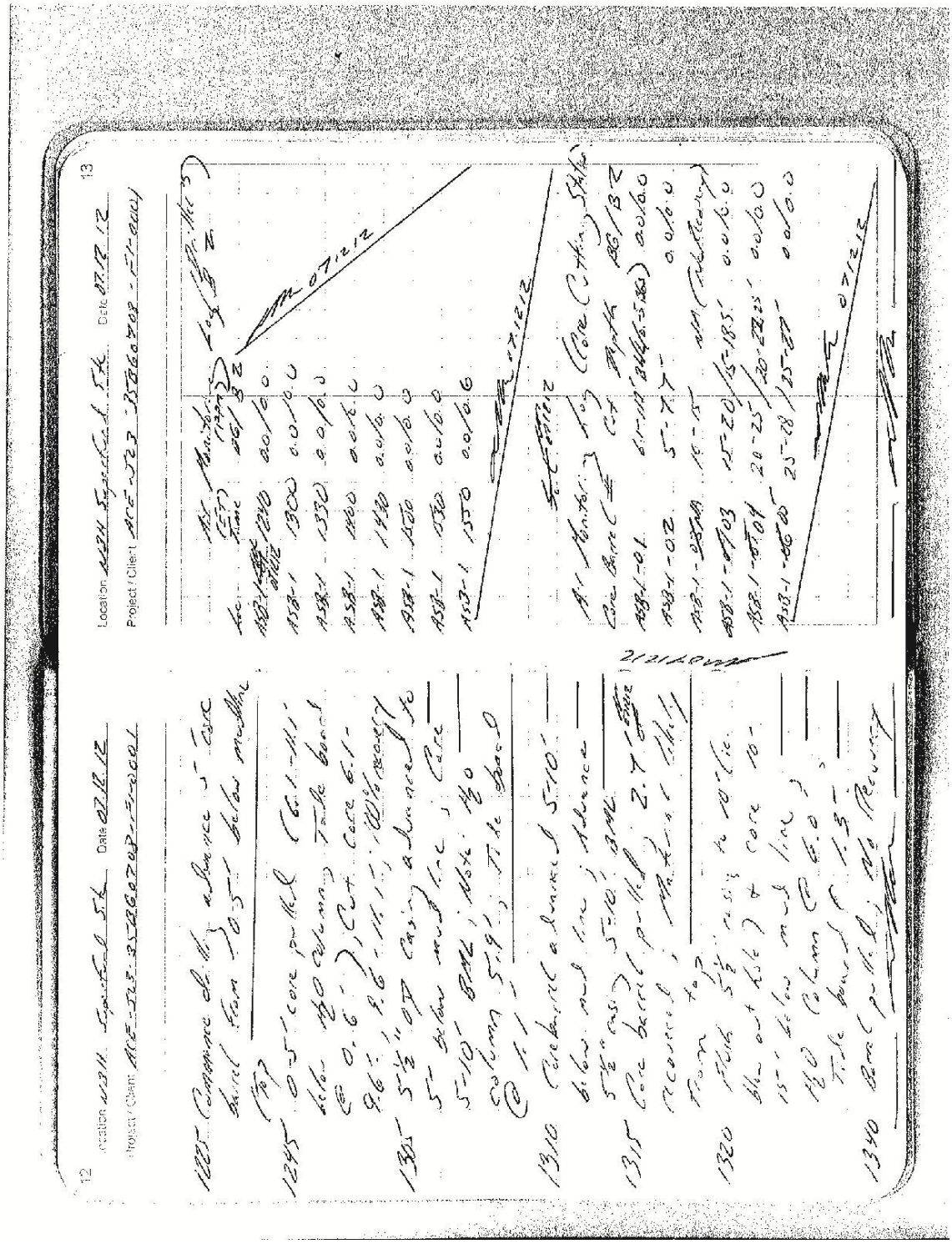
1105 D. Wash (WHG) & J @ shoreline w/ additional equip & materials

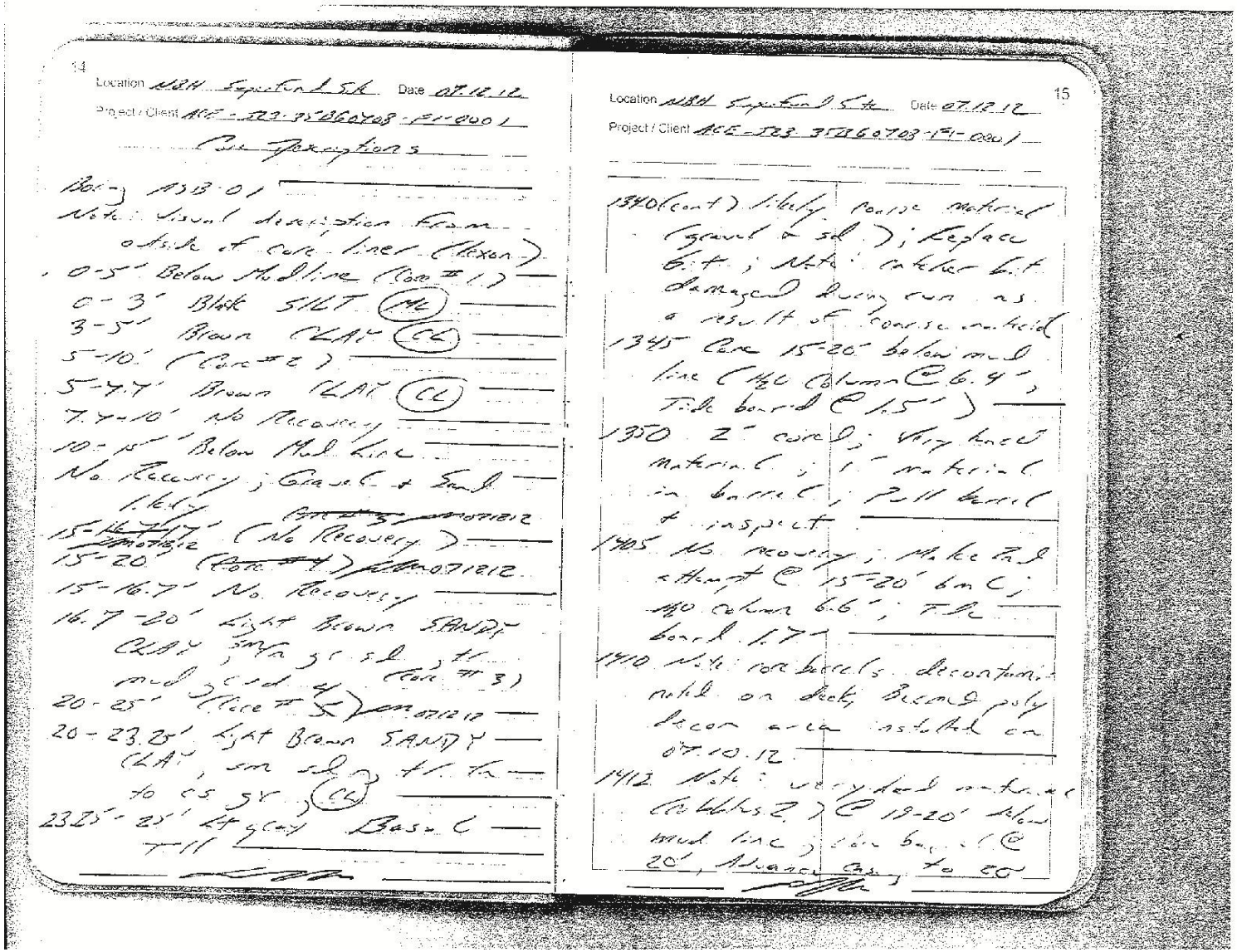
1115 Review SPA

1130 Steam clean core barrels scrubbed w/ liquinox

1200 WHG collects EB off decontaminated core barrel; Source H_2O DI H_2O from Alpha Analytical Lab

1215 Collect depth measurement for sediment/H_2O interface @ 6.5 to 7.5' below H_2O level; Tide board reading 0.60'





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Location NBH Superfund Site Date 07.12.12

Project / Client ACE - J23-35B60708-F1-0001

Core Descriptions

Boring ASB-01

Note: Visual description from outside of core liner (Hexon)

0-5' Below Mudline (Core #1)

0-3' Black SILT (ML)

3-5' Brown CLAY (CL)

5-10' (Core #2)

5-7.7' Brown CLAY (CL)

7.7-10' No Recovery

10-15' Below Mud Line

No Recovery; Gravel & Sand likely

15-~~16.7~~ 17' (No Recovery) 071212

15-20' (~~Core #4~~) 071212

15-16.7' No Recovery

16.7-20' Light Brown SANDY CLAY, sm fn gr sd, tr mud, gr sd (Core #3)

20-25' (Core #5) 071212

20-23.25' Light Brown SANDY CLAY, sm sd, tr fn to cs gr (CL)

23.25-25' Lt gray Basal Till

15

Location NBH Superfund Site Date 07.12.12

Project / Client ACE - J23-35B60708-F1-0001

1340 (cont) likely coarse material (gravel & sd); Replace bit; Note: catcher bit damaged during run as a result of coarse material

1345 Core 15-20' below mud line (H2O Column @ 6.4', Tide board @ 1.5')

1350 2' core; Very hard material; 1' material in barrel; Pull barrel & inspect

1405 No recovery; Make 2nd attempt @ 15-20' bmL; H2O column 6.6'; Tide board 1.7'

1410 Note: core barrels decontaminated on deck; Bermed poly decon area installed on 07.10.12

1412 Note: very hard material (Cobbles?) @ 19-20' below mud line; core barrel @ 20', Advance cas. to 20'

16

Location NBH Superfund Site Date 07-12-12

Project / Client ACE-323-35360708-F1-0001

1425 Core pulled; 3.3' Recovered; Bottom 3.3' (16.5-20'); Cut core @ 18.5'; Note: all core samples capped (w/ inner foil layers between soil + caps)

1442 Core 20-25' below mud line; H_2O column measured @ 6.8'; Tide board @ 2.2'

1445 Core barrel advanced to 25'; Advance 5½" casing 20-25'

1500 H_2O Column @ 7.3'; Tide board @ 2.0; 20-25' core pulled

1515 Refusal @ 28.25'; Likely bedrock; H_2O column @ 7.3'; Tideboard @ 2.0'

1525 3.25' recovered; 25-28' gray TILL; 28-28.25' BEDROCK

1535 Borehole TD @ 28.25'; Grout borehole w/ "Cetco Pure Gold Bentonite Chips";

17

Location NBH Superfund Site Date 07.12.12

Project / Client ACE-323-35360708-F1-0001

1535 (cont) Hole Abandonment Material; 3/4" medium; NSF/ANSI 60; Serial #3170650.1; Anti-Skid; Bentonite CAS# 1302-78-9; 50 lb bags; Application matrix for 4" & 6" holes 6 ~~lb~~ 07.12 + 14 lbs chips, respectively per linear foot

1545 "As built" GPS coordinates collected by WHG 07.12

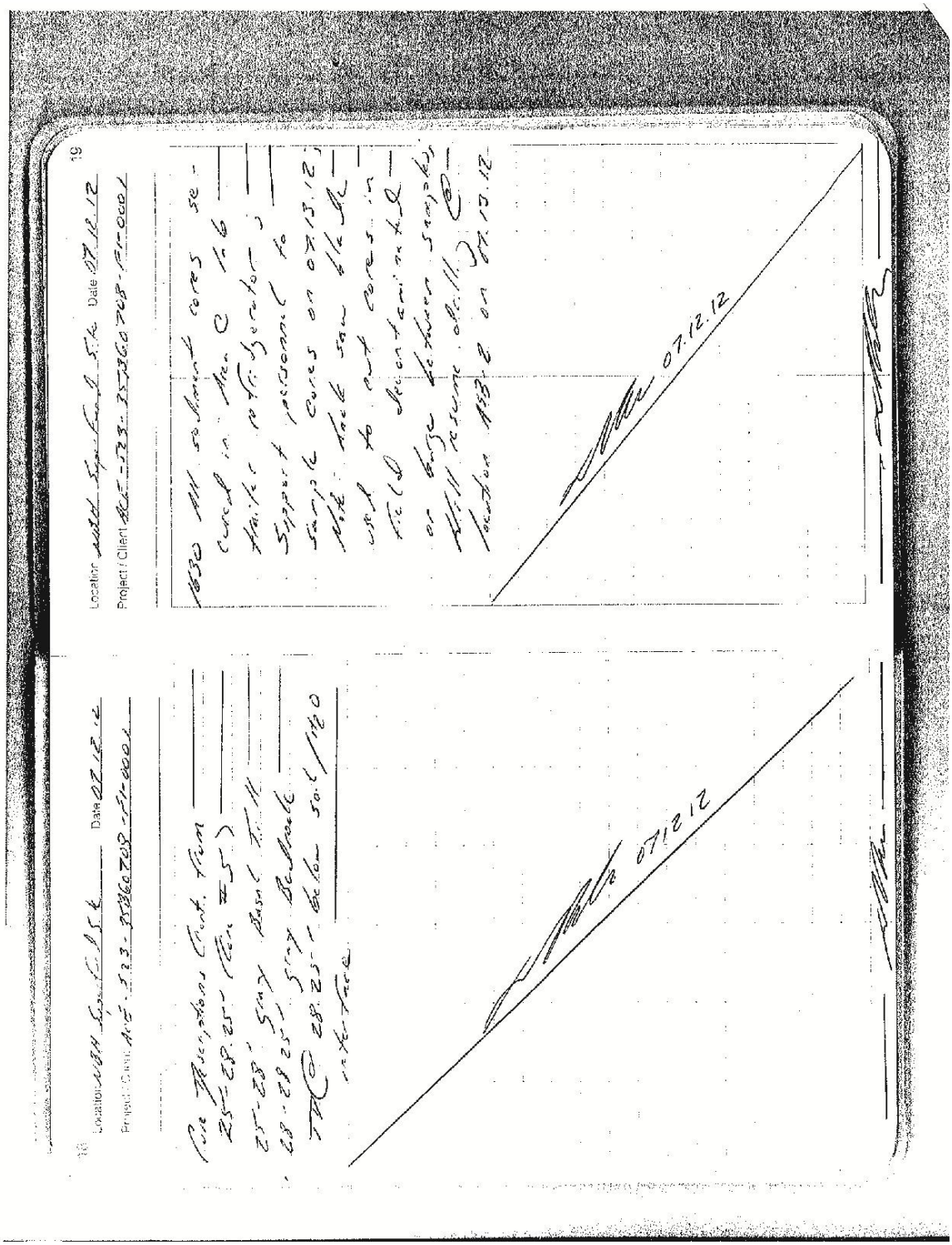
Lat 41° 40.4852 min

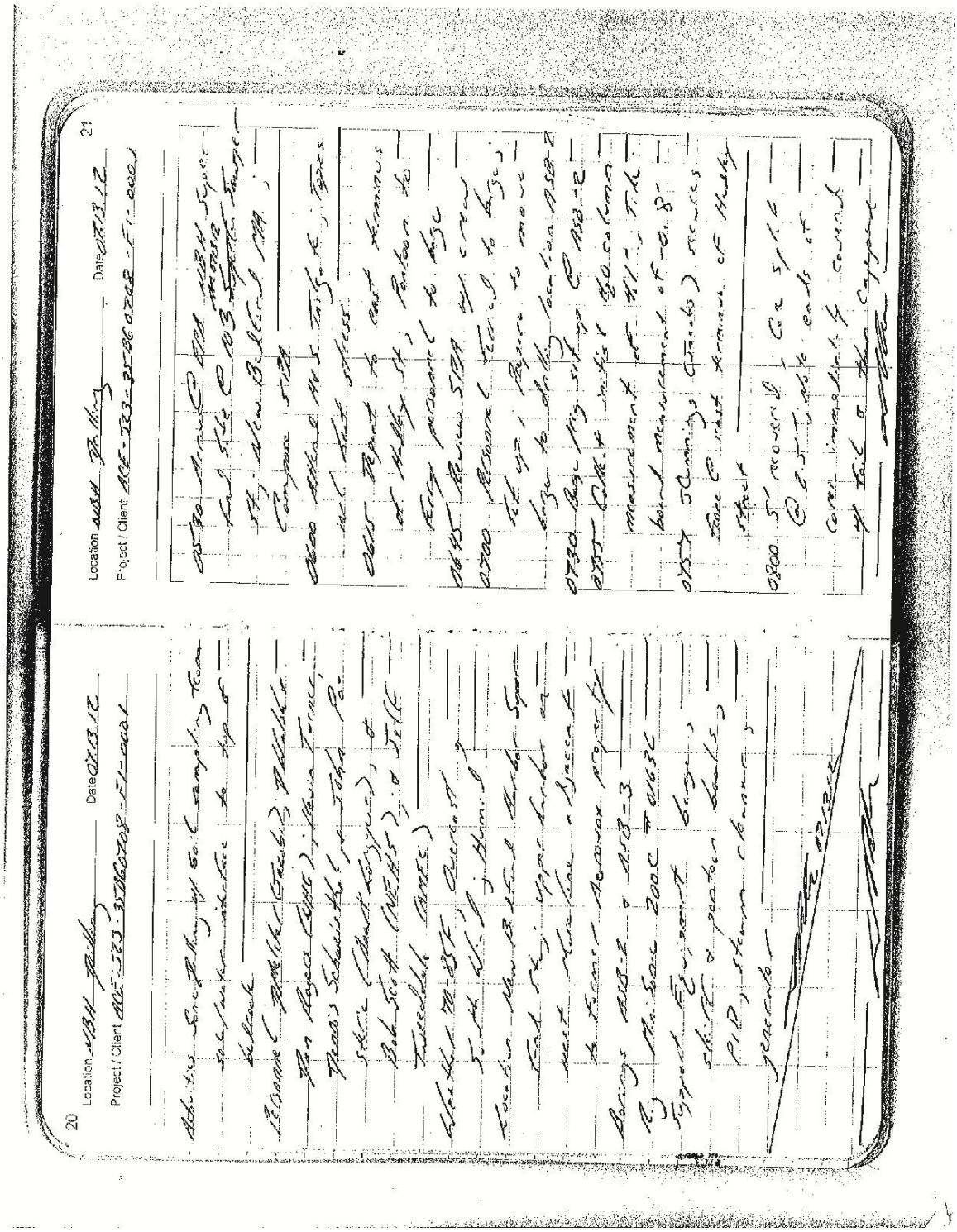
Long 70° 54.973 min

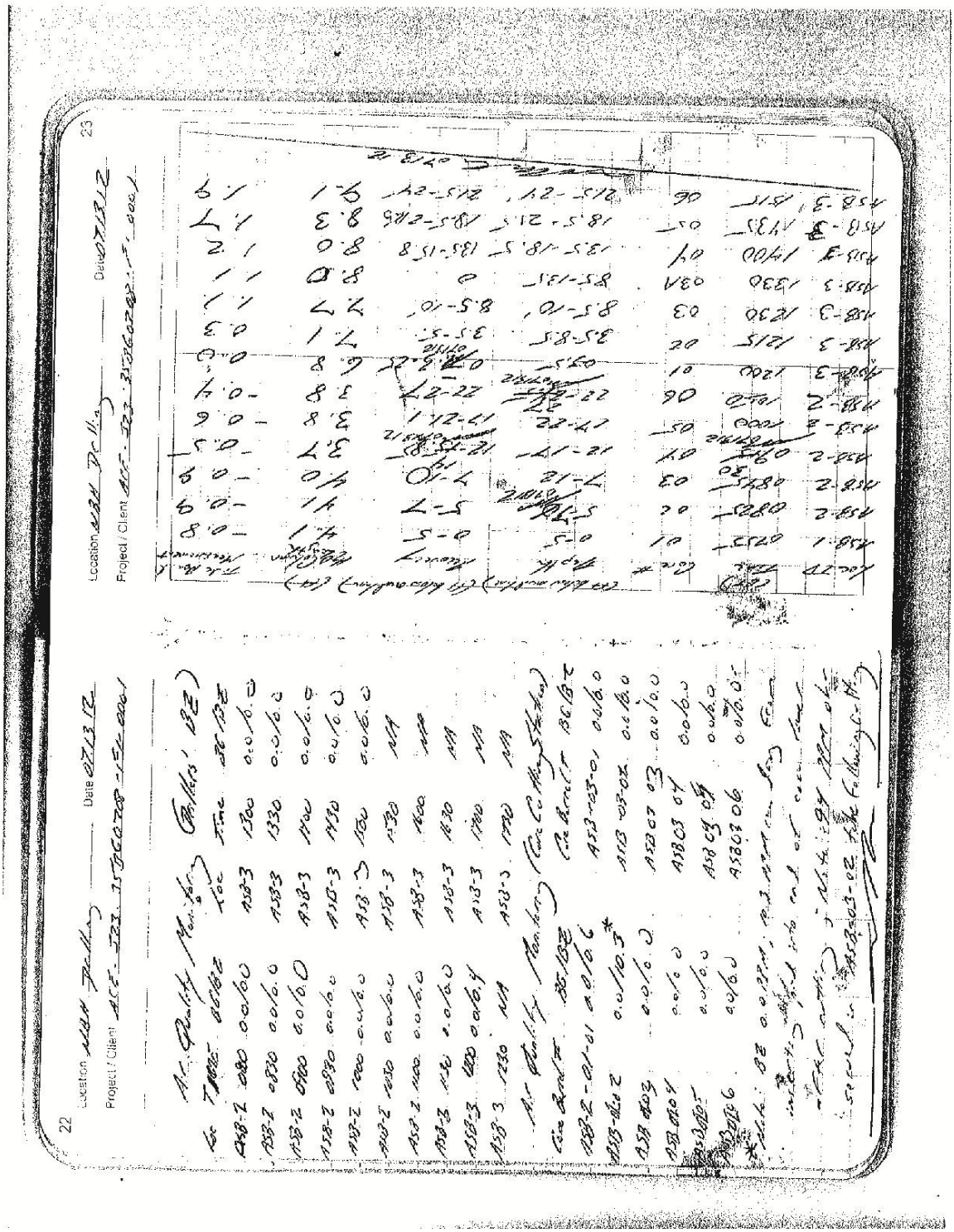
1550 0.6 PPM VOCs directly over borehole after pulling 10' casing

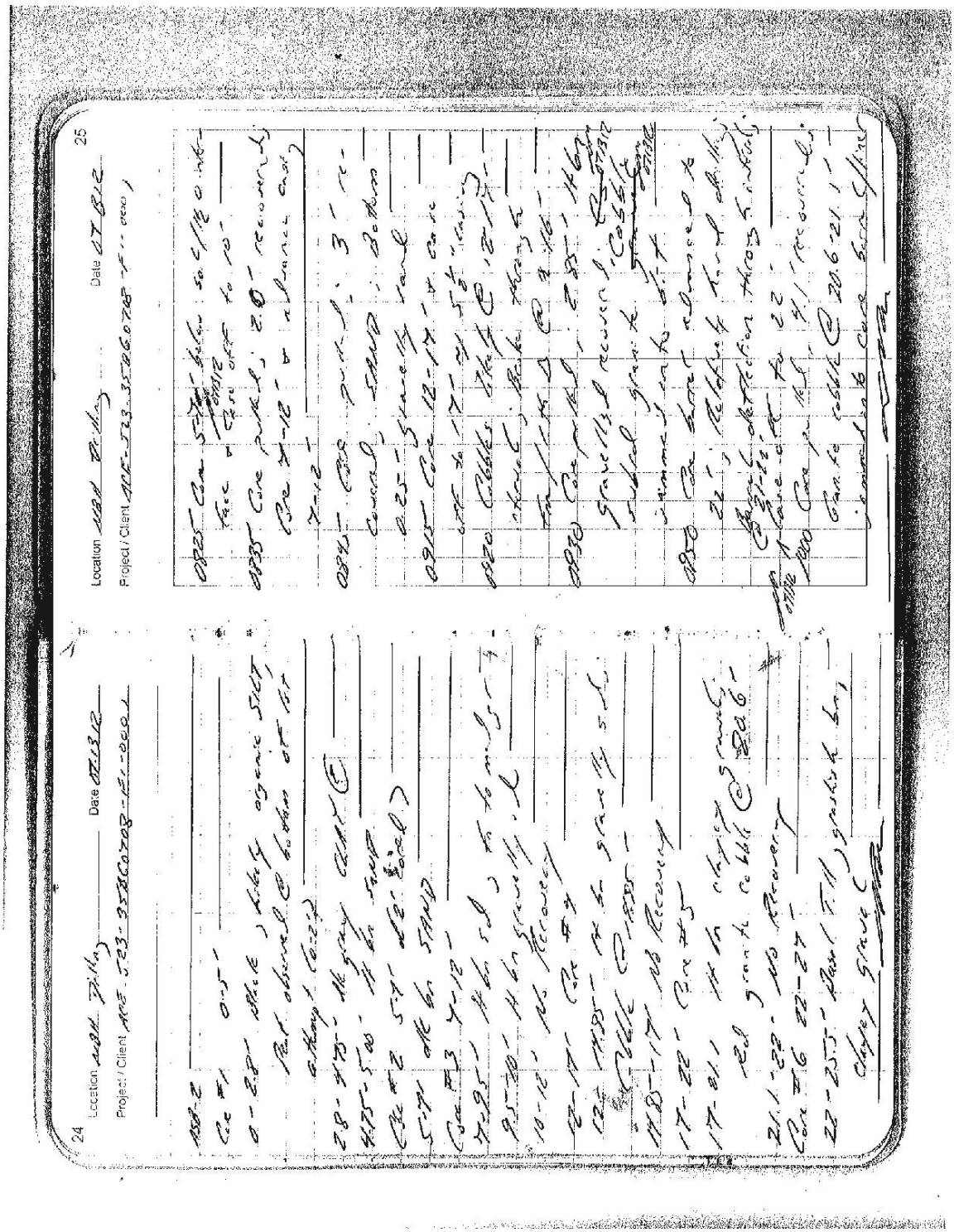
1555 Borehole grouted to mudline (28'); 6-50 lb bags grout/chips used; Casing pulled; Secure site; Will move to next location ASB-2

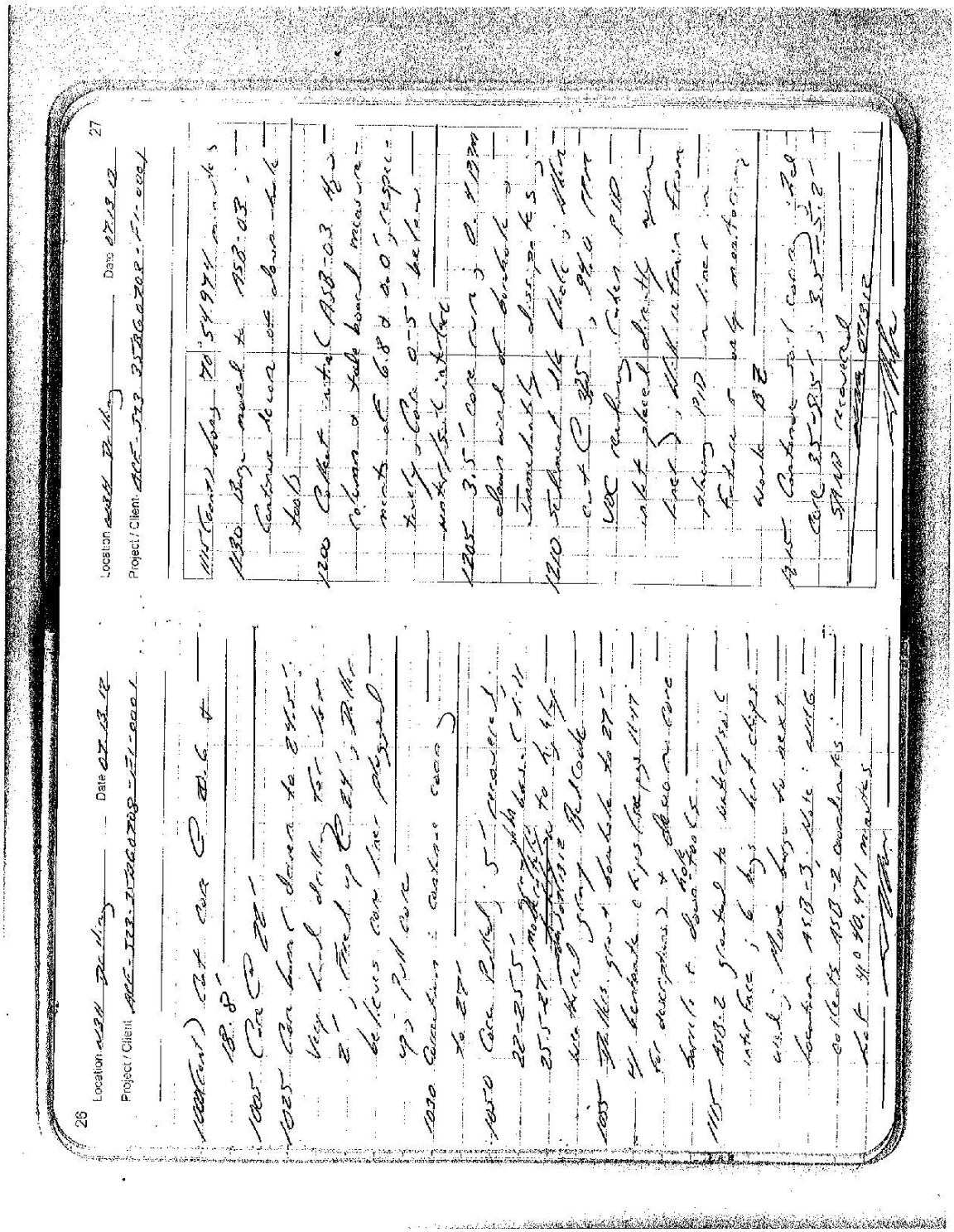
1605 Barge moved to middle of channel; End of field ops

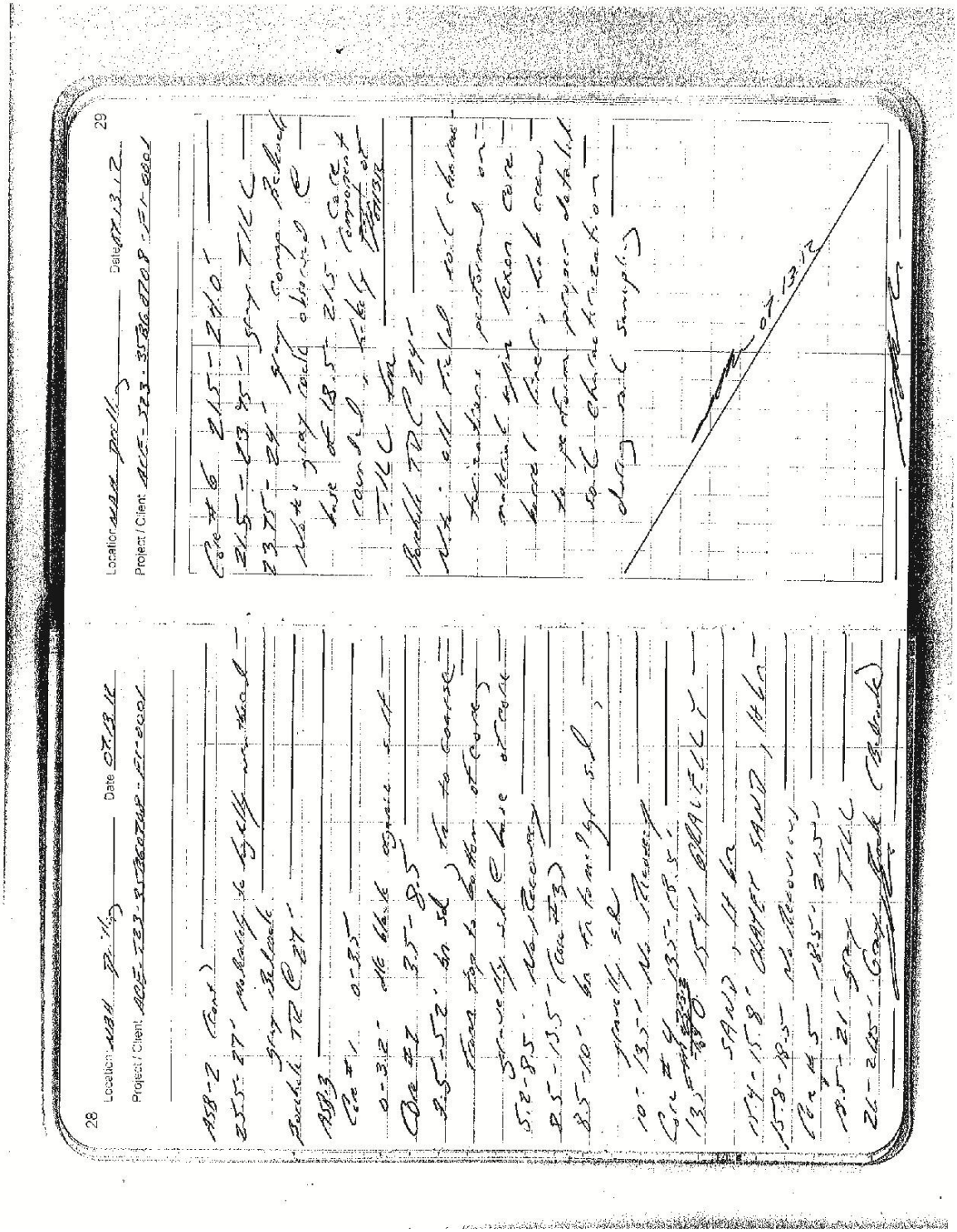


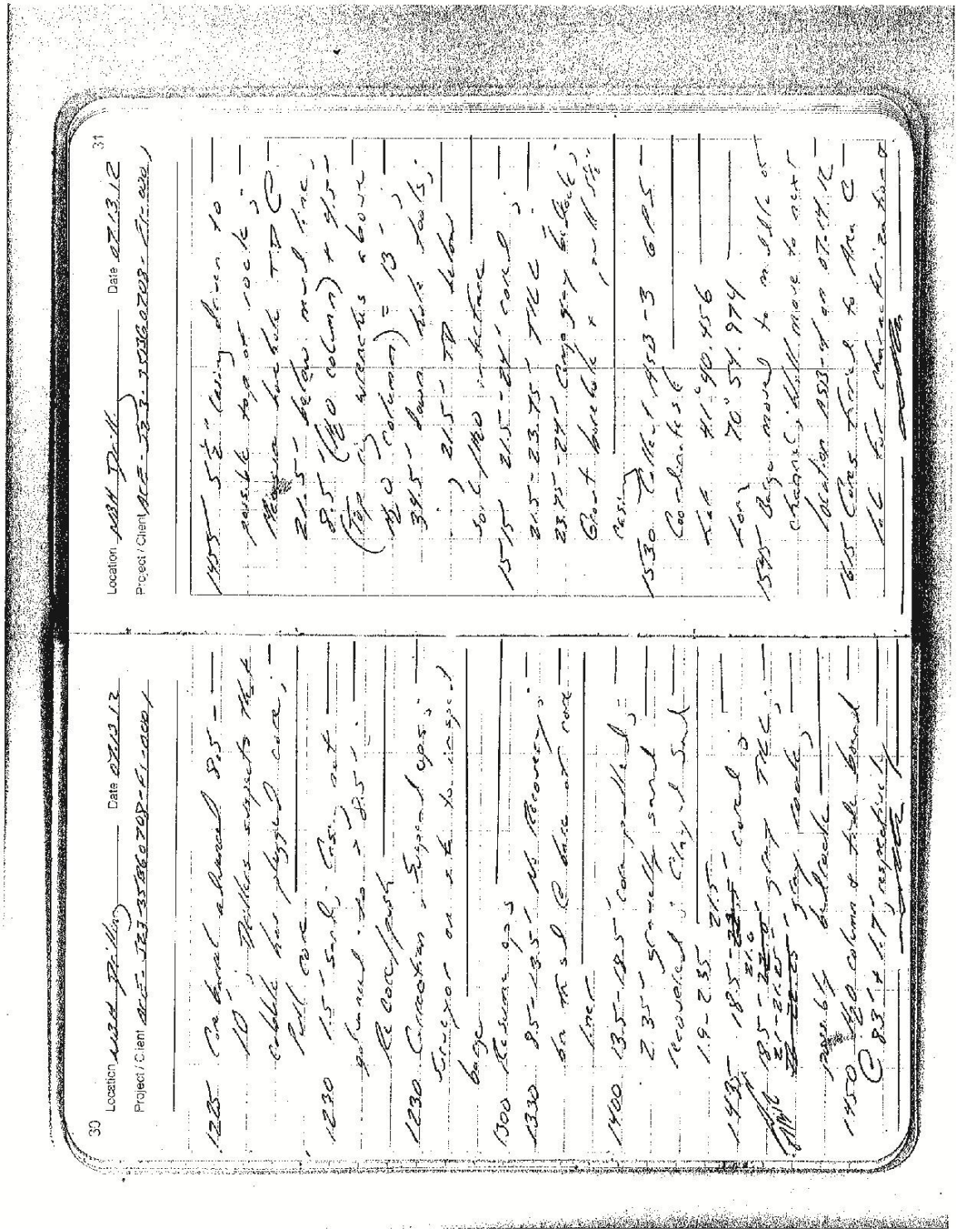


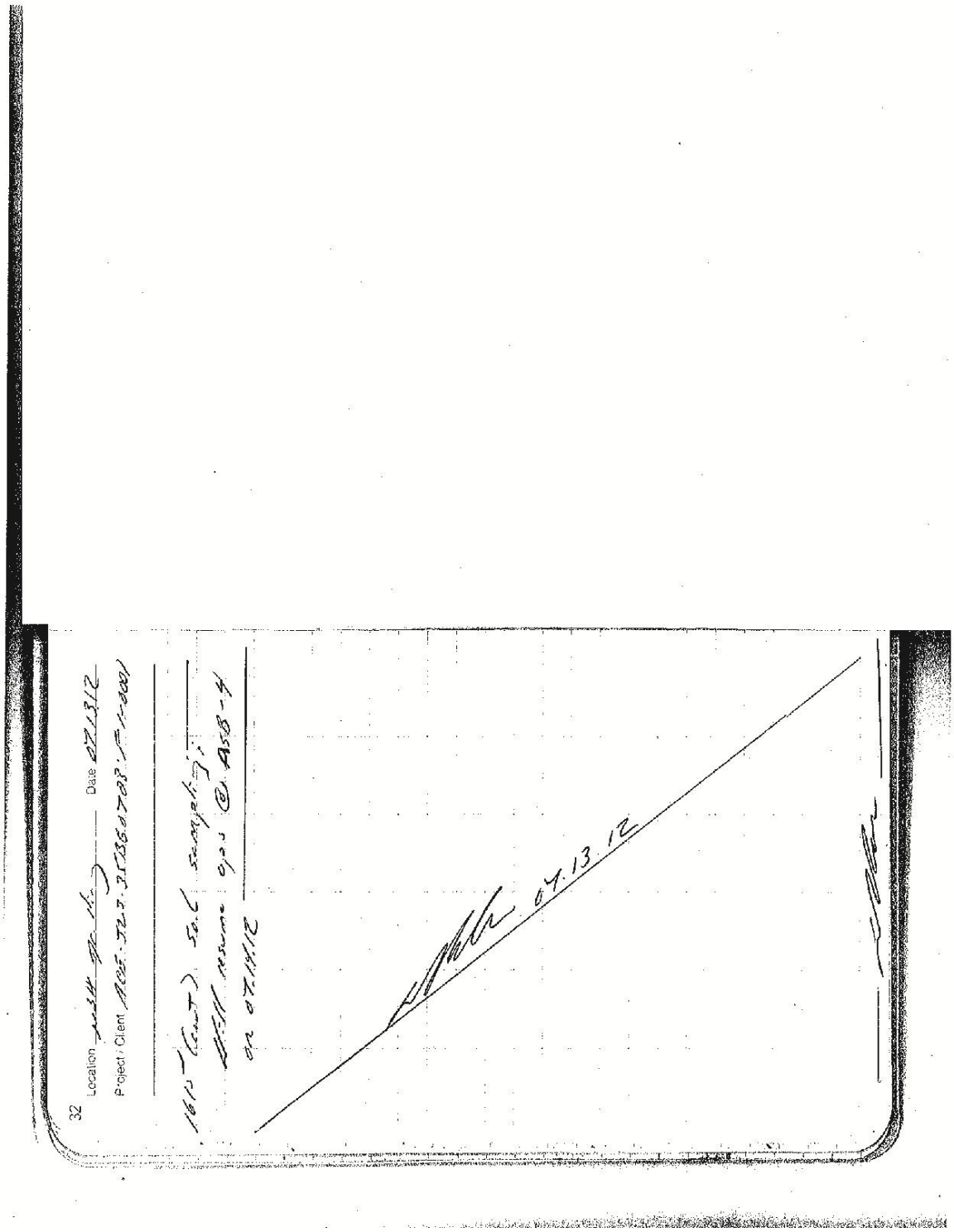








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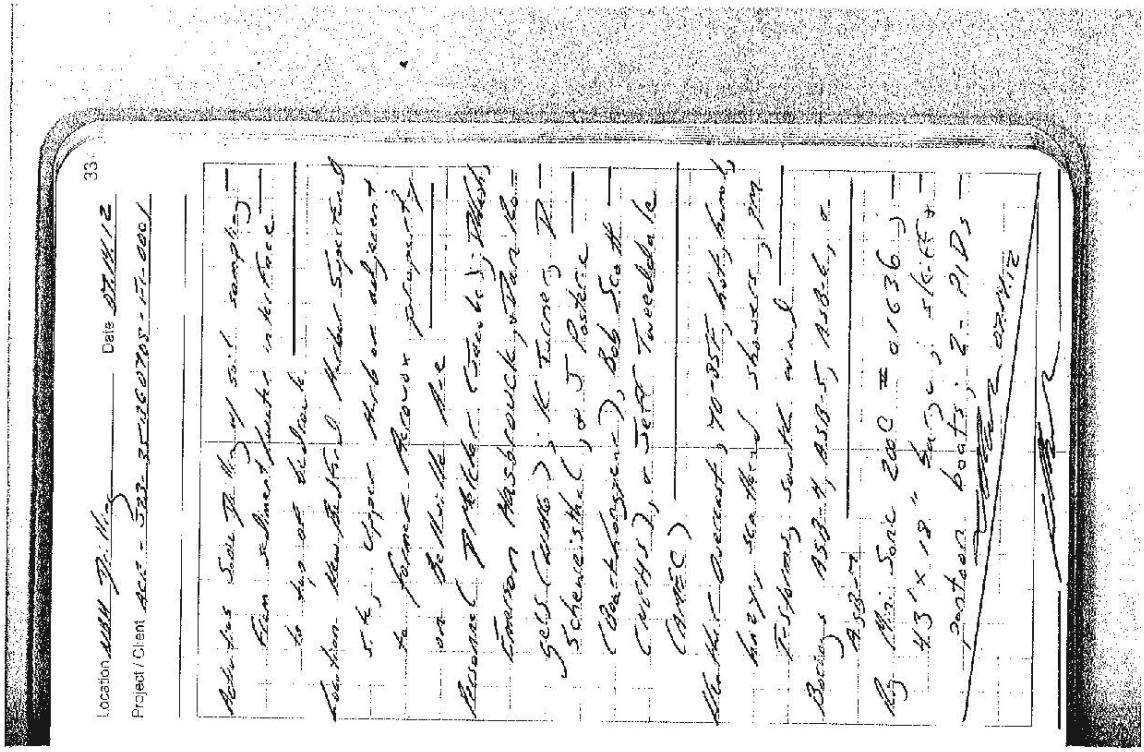
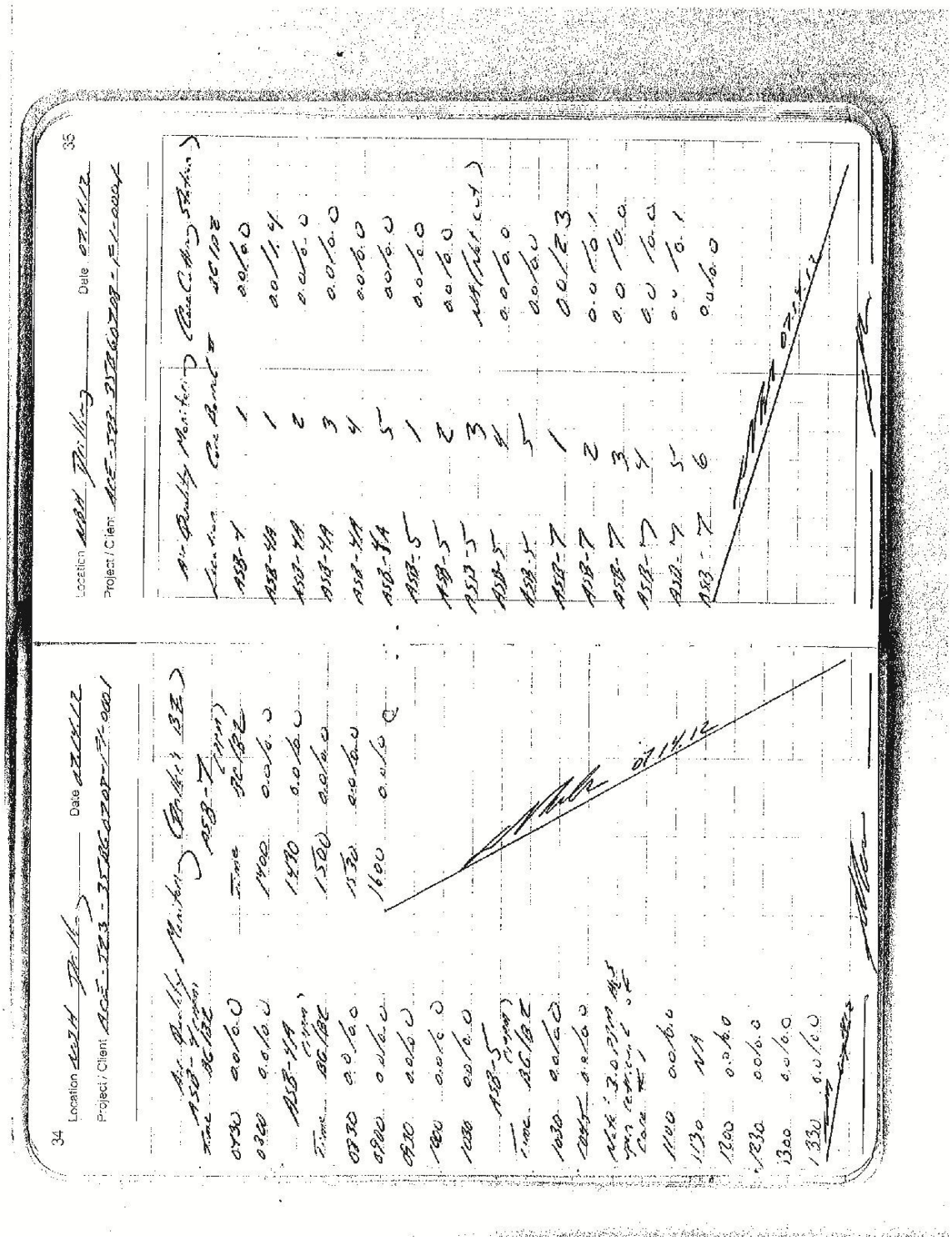
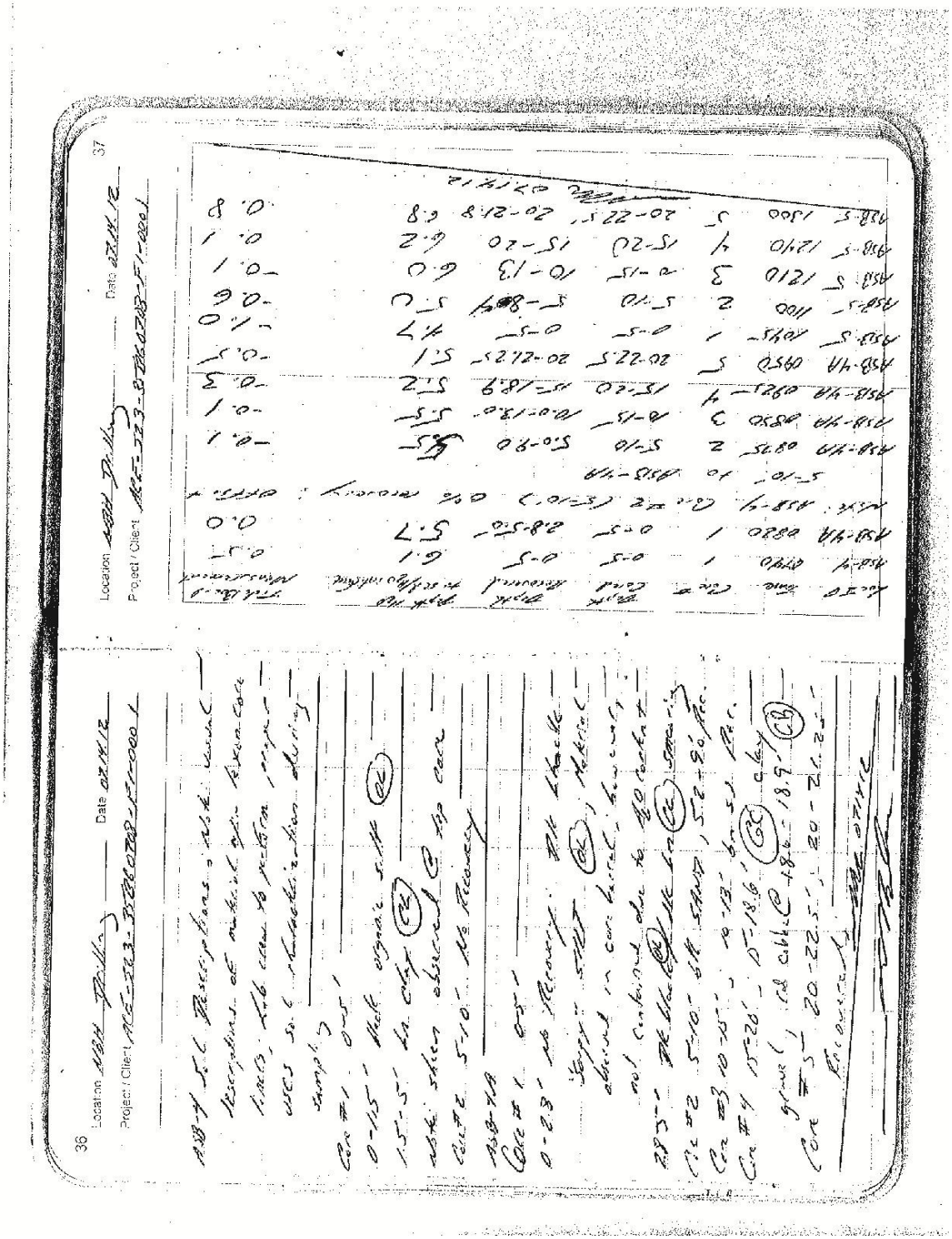
Date 07/13/12
Project / Client
07.13.12







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Location: NBH Drilling Date: 07.14.12

Project / Client: ACE-523-35860708-F1-0001

0545 Arrive @ New Bedford Harbor Superfund site EPA office @ 103 Sawyer St; New Bedford MA

0600 Attend health + safety tailgate; Topics incl. heat + humidity forecast for today as well as possible T-Storms

0615 Compose SPA

0630 Depart to Hadley St adj to former Aerovox property

0645 WHG ferries crew to barge

0700 Review SPA in preparation for sonic drilling w/ soil sampling

0725 Relocate barge to proposed drilling location ABB-4

0735 Collect initial H_2O column (length H_2O to sediment/H_2O interface) @ 6.1'; Tide board measurement @ 0.5'

0740 0-5' below sediment/H_2O interface (mudline) cored; Core w/ 100% recovery; Shear observed @ top of core

39

Location: NBH Drilling Date: 07.14.12

Project / Client: ACE-523-35860708-F1-0001

0745 Drillers continue to decon coreburrels + rods following each core run; 5½" casing advanced from mudline to 5' below mudline; Core 5-10' + case off

0805 45' material measured in barrel; however, retainer falls/pushed out of barrel while pulling tools + material/soil lost; WHG directs drillers to offset 10' to north + drill new borehole

0815 Barge moved ~5-10' to west Lat 41° 40.444 Long 70° 54.992 Note: WHG collects EB off of core barrel + liner; Source H_2O: Alpha Analytical lab. DI H_2O

0820 ABS-4A Core #1 0-5' pulled; Top 2.8' dk black "soupy" SILT (OL); Remaining 2.8' OL + CL

40

Location NBH Drilling Date 07.14.12

Project / Client ACE-523-35BG0708-F1-0001

0835 ASB-4A Core #2 pulled; 4' recovered (5-9' below mud line); Note: ≈ 0.2' material lost @ top of core during capping; recovery 5.2-9.0' recovered

0850 ASB-4A Core #3 pulled; 3' SAND recovered (10-13')

0900 Very hard drilling (cobbles likely) @ ≈ 15'

0925 15-20' core pulled; 3.9' recovered; 14 bn clayey gravel likely @ 15-18.6'; 18.6-18.9' rd cobble; 18.9-20' No Recovery; Core cut @ 17'

0940 Core barrel advanced ≈ 2.5'; Likely on top of bedrock; No material measured in barrel after pulling barrel; Will attempt to recover material

Note: EB collected on drilling source H_2O @ 0930;

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Location NBH Drilling Date 07.14.12

Project / Client ACE-523-35BG0708-F1-0001

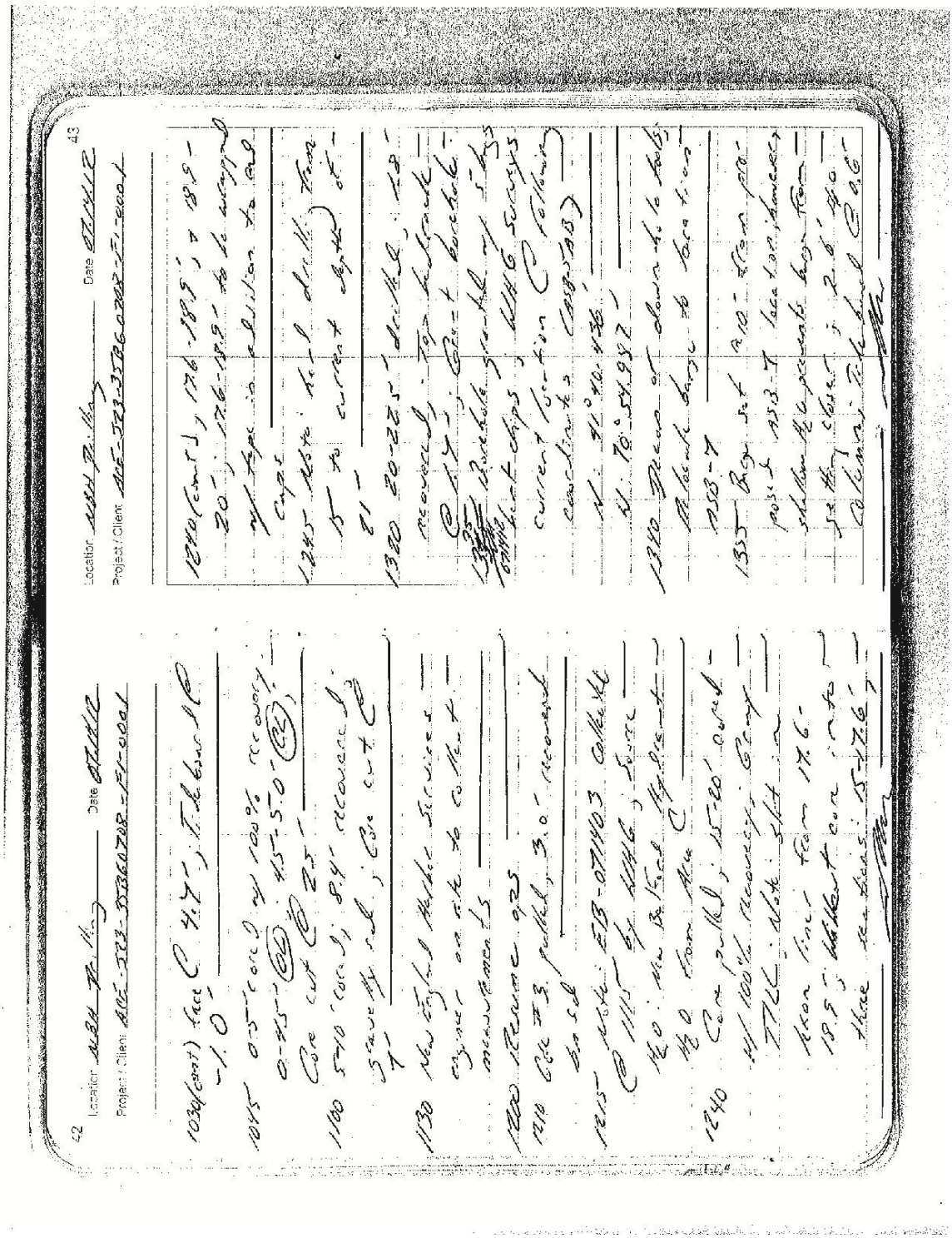
Sample ID EB-071412-02; Collection time 0930; Source H_2O City of Newbord top H_2O; Used for decon & pumped into poly tote

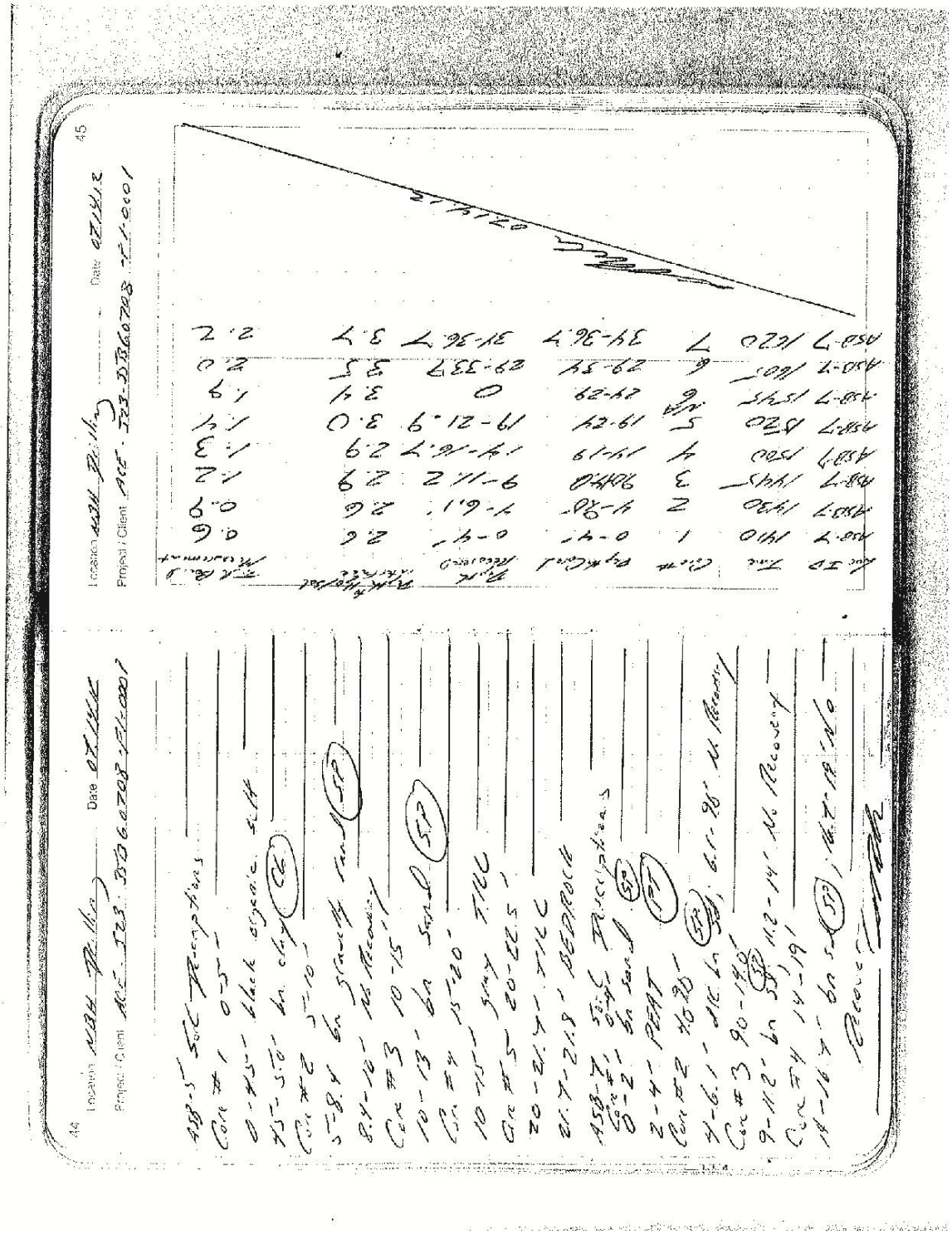
0950 Core #5 pulled; 2.5' cored; Top 1.25' (basal till) recovered; Based on drilling observations; Top bedrock @ 22.5'; WHG directs drillers to grout borehole to mudline

0955 Note: EB H_2O collected from steam clear nozzle/gun after going through system

1000 Casing pulled; 5 bags bent chips used to back fill bore-hole to sediment/H_2O interface; Move barge to location ASB-5

1030 Barge set up @ ASB-5; Measure Depth from top H_2O to sediment/water inter





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Location WBH Drilling Date 07.14.12

Project / Client ACE-523-35BG0708-F1-0001

1405 WHG Collects EB-0714.12-04 in preparation for soil sampling

1407 Commence ASB-7 drilling; Note: City CSO in line w/ borehole; Will monitor air readings closely

1410 0-4' cored; 0-2' sand; 2-4' PEAT; 2-3 PPM for VOCs when core cut in half

1430 4-9' cored; 4-6.1' recovered SAND

1445 9-14' cored; 9-11.2' cored & recovered; 11.2-14' Not recovered; Likely gravelly sand

1500 14-19' Core pulled; 2.7' bn sand

1510 Core barrels steam cleaned; Scrubbed w/ "Liquinox" & steam cleaned again

1515 Note: Sheen visible w/in oil boom; Also, occasional air bubble appear @ surface during drilling

[signature] 07.14.12

[signature]

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Location WBH Drilling Date 07.14.12

Project / Client ACE-523-35BG0708-F1-0001

1545 24-29' core w/ 0% recovery; Cobble jammed into liner tip; Likely sand based on drilling

1605 29-34' cored; 29-33.9' recovered; bn sd

1610 Relatively hard drilling @ ≈37'; Note: Core #6 cut @ 31.3'

1620 Refusal @ ≈37'; Core pulled; Basal till & 0.5' bedrock; Drilling of ASB-7 completed; Grout borehole + pull casing; Borehole grouted to mudline

1640 Collect GPS coordinates Long 41° 40.417' Lat 70° 55.000'

1645 Relocate barge to middle of channel; Secure barge

1700 Depart to Area C

1715 Secure cores from ASB-7 w/in Area C freezer; Will thaw & sample on 07.16.12

[signature]

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Location NBH Drilling Date 07/14/12

Project / Client ACE-523-35DG0708-F1-0001

ASB-7 Soil Descriptions (cont)

Core #5 19-24'

19-21.9' bn sd (ST)

21.9-24' No Recovery

Core #6A 24-29' No Recovery

Core #6 29-34

29-33.9' bn sd

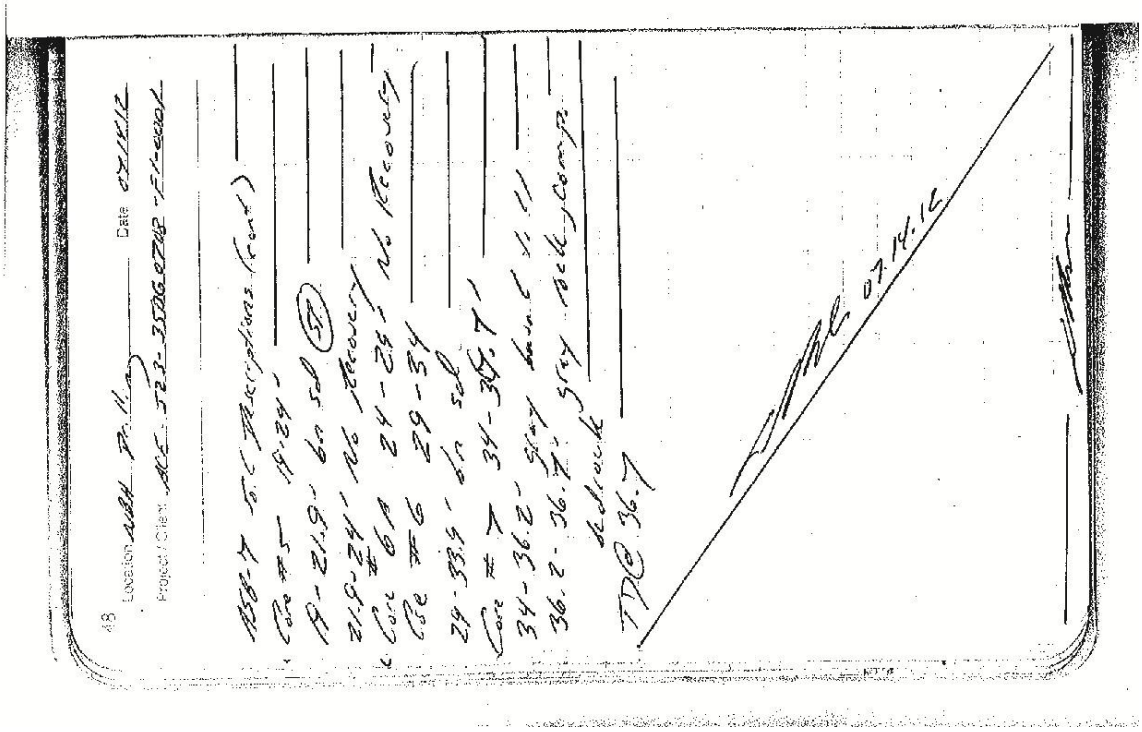
Core #7 34-36.7'

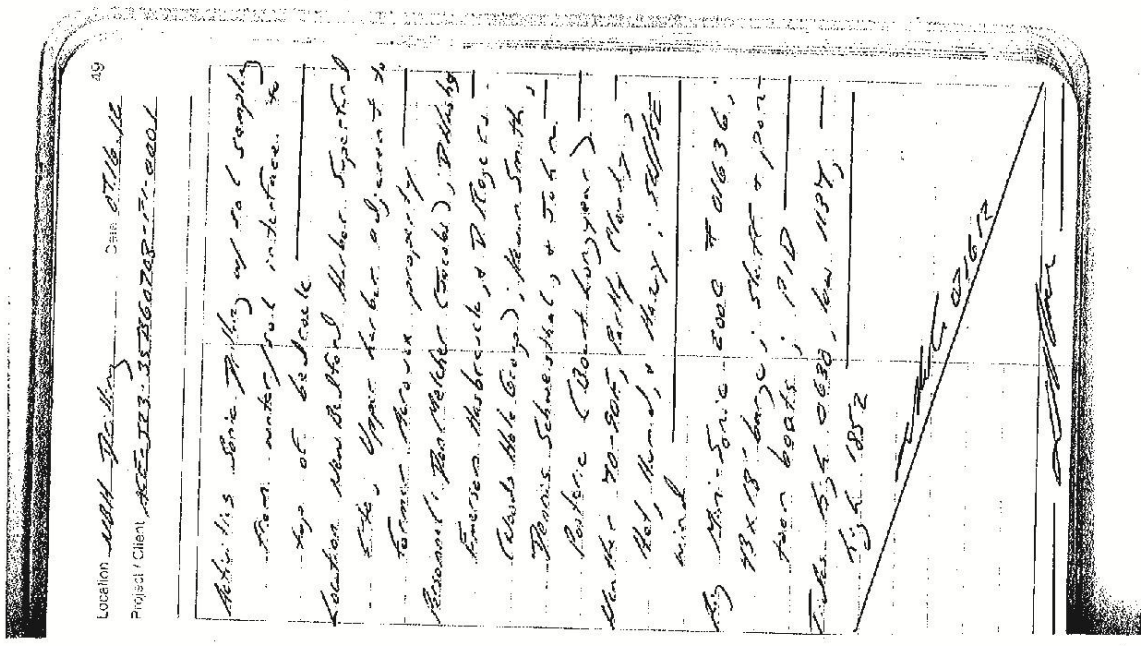
34-36.2' gray basalt till

36.2-36.7' gray rock, comp. bedrock

TD @ 36.7

07.14.12





Location USH Pulley Date 07.16.12

Project / Client ACE-123-358602.08 -FI-0001

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Location ID	Time	Core #	Core Interval (ft)	Material Description	Core Length (ft)	Core Recovery (%)	Water Depth (ft)	Mudline Elevation (ft)	Comments
ASB-6	0930	1	0-5'	Fine SAND, some silt, trace shell fragments, brown	5'	100%	18.5'	-23.5'	
ASB-6	0950	6	25'-30'	Fine SAND, some silt, trace shell fragments, brown	5'	100%	18.5'	-23.5'	
ASB-6	1010	5	20'-25'	Fine SAND, some silt, trace shell fragments, brown	5'	100%	18.5'	-23.5'	
ASB-6	1030	4	15'-20'	Fine SAND, some silt, trace shell fragments, brown	5'	100%	18.5'	-23.5'	
ASB-6	1045	3	10'-15'	Fine SAND, some silt, trace shell fragments, brown	5'	100%	18.5'	-23.5'	
ASB-6	1100	2	5'-10'	Fine SAND, some silt, trace shell fragments, brown	5'	100%	18.5'	-23.5'	
ASB-6	1115	1	0-5'	Fine SAND, some silt, trace shell fragments, brown	5'	100%	18.5'	-23.5'	
ASB-6	1130	2	0-3.5'	Fine SAND, some silt, trace shell fragments, brown	3.5'	70%	8.5'	-13.5'	
ASB-6	1145	1	3.5'-8.5'	Fine SAND, some silt, trace shell fragments, brown	5'	100%	8.5'	-13.5'	
ASB-6	1200	2	0-3.5'	Fine SAND, some silt, trace shell fragments, brown	3.5'	70%	8.5'	-13.5'	
ASB-6	1215	1	3.5'-8.5'	Fine SAND, some silt, trace shell fragments, brown	5'	100%	8.5'	-13.5'	
ASB-6	1230	2	0-3.5'	Fine SAND, some silt, trace shell fragments, brown	3.5'	70%	8.5'	-13.5'	
ASB-6	1245	1	3.5'-8.5'	Fine SAND, some silt, trace shell fragments, brown	5'	100%	8.5'	-13.5'	
ASB-6	1300	2	0-3.5'	Fine SAND, some silt, trace shell fragments, brown	3.5'	70%	8.5'	-13.5'	
ASB-6	1315	1	3.5'-8.5'	Fine SAND, some silt, trace shell fragments, brown	5'	100%	8.5'	-13.5'	
ASB-6	1330	2	0-3.5'	Fine SAND, some silt, trace shell fragments, brown	3.5'	70%	8.5'	-13.5'	
ASB-6	1345	1	3.5'-8.5'	Fine SAND, some silt, trace shell fragments, brown	5'	100%	8.5'	-13.5'	
ASB-6	1400	2	0-3.5'	Fine SAND, some silt, trace shell fragments, brown	3.5'	70%	8.5'	-13.5'	
ASB-6	1415	1	3.5'-8.5'	Fine SAND, some silt, trace shell fragments, brown	5'	100%	8.5'	-13.5'	
ASB-6	1430	2	0-3.5'	Fine SAND, some silt, trace shell fragments, brown	3.5'	70%	8.5'	-13.5'	
ASB-6	1445	1	3.5'-8.5'	Fine SAND, some silt, trace shell fragments, brown	5'	100%	8.5'	-13.5'	
ASB-6	1500	2	0-3.5'	Fine SAND, some silt, trace shell fragments, brown	3.5'	70%	8.5'	-13.5'	
ASB-6	1515	1	3.5'-8.5'	Fine SAND, some silt, trace shell fragments, brown	5'	100%	8.5'	-13.5'	
ASB-6	1530	2	0-3.5'	Fine SAND, some silt, trace shell fragments, brown	3.5'	70%	8.5'	-13.5'	
ASB-6	1545	1	3.5'-8.5'	Fine SAND, some silt, trace shell fragments, brown	5'	100%	8.5'	-13.5'	
ASB-6	1600	2	0-3.5'	Fine SAND, some silt, trace shell fragments, brown	3.5'	70%	8.5'	-13.5'	
ASB-6	1615	1	3.5'-8.5'	Fine SAND, some silt, trace shell fragments, brown	5'	100%	8.5'	-13.5'	
ASB-6	1630	2	0-3.5'	Fine SAND, some silt, trace shell fragments, brown	3.5'	70%	8.5'	-13.5'	
ASB-6	1645	1	3.5'-8.5'	Fine SAND, some silt, trace shell fragments, brown	5'	100%	8.5'	-13.5'	
ASB-6	1700	2	0-3.5'	Fine SAND, some silt, trace shell fragments, brown	3.5'	70%	8.5'	-13.5'	
ASB-6	1715	1	3.5'-8.5'	Fine SAND, some silt, trace shell fragments, brown	5'	100%	8.5'	-13.5'	
ASB-6	1730	2	0-3.5'	Fine SAND, some silt, trace shell fragments, brown	3.5'	70%	8.5'	-13.5'	
ASB-6	1745	1	3.5'-8.5'	Fine SAND, some silt, trace shell fragments, brown	5'	100%	8.5'	-13.5'	
ASB-6	1800	2	0-3.5'	Fine SAND, some silt, trace shell fragments, brown	3.5'	70%	8.5'	-13.5'	
ASB-6	1815	1	3.5'-8.5'	Fine SAND, some silt, trace shell fragments, brown	5'	100%	8.5'	-13.5'	
ASB-6	1830	2	0-3.5'	Fine SAND, some silt, trace shell fragments, brown	3.5'	70%	8.5'	-13.5'	
ASB-6	1845	1	3.5'-8.5'	Fine SAND, some silt, trace shell fragments, brown	5'	100%	8.5'	-13.5'	
ASB-6	1900	2	0-3.5'	Fine SAND, some silt, trace shell fragments, brown	3.5'	70%	8.5'	-13.5'	
ASB-6	1915	1	3.5'-8.5'	Fine SAND, some silt, trace shell fragments, brown	5'	100%	8.5'	-13.5'	
ASB-6	1930	2	0-3.5'	Fine SAND, some silt, trace shell fragments, brown	3.5'	70%	8.5'	-13.5'	
ASB-6	1945	1	3.5'-8.5'	Fine SAND, some silt, trace shell fragments, brown	5'	100%	8.5'	-13.5'	
ASB-6	2000	2	0-3.5'	Fine SAND, some silt, trace shell fragments, brown	3.5'	70%	8.5'	-13.5'	
ASB-6	2015	1	3.5'-8.5'	Fine SAND, some silt, trace shell fragments, brown	5'	100%	8.5'	-13.5'	
ASB-6	2030	2	0-3.5'	Fine SAND, some silt, trace shell fragments, brown	3.5'	70%	8.5'	-13.5'	
ASB-6	2045	1	3.5'-8.5'	Fine SAND, some silt, trace shell fragments, brown	5'	100%	8.5'	-13.5'	
ASB-6	2100	2	0-3.5'	Fine SAND, some silt, trace shell fragments, brown	3.5'	70%	8.5'	-13.5'	
ASB-6	2115	1	3.5'-8.5'	Fine SAND, some silt, trace shell fragments, brown	5'	100%	8.5'	-13.5'	
ASB-6	2130	2	0-3.5'	Fine SAND, some silt, trace shell fragments, brown	3.5'	70%	8.5'	-13.5'	
ASB-6	2145	1	3.5'-8.5'	Fine SAND, some silt, trace shell fragments, brown	5'	100%	8.5'	-13.5'	
ASB-6	2200	2	0-3.5'	Fine SAND, some silt, trace shell fragments, brown	3.5'	70%	8.5'	-13.5'	
ASB-6	2215	1	3.5'-8.5'	Fine SAND, some silt, trace shell fragments, brown	5'	100%	8.5'	-13.5'	
ASB-6	2230	2	0-3.5'	Fine SAND, some silt, trace shell fragments, brown	3.5'	70%	8.5'	-13.5'	
ASB-6	2245	1	3.5'-8.5'	Fine SAND, some silt, trace shell fragments, brown	5'	100%	8.5'	-13.5'	
ASB-6	2300	2	0-3.5'	Fine SAND, some silt, trace shell fragments, brown	3.5'	70%	8.5'	-13.5'	
ASB-6	2315	1	3.5'-8.5'	Fine SAND, some silt, trace shell fragments, brown	5'	100%	8.5'	-13.5'	
ASB-6	2330	2	0-3.5'	Fine SAND, some silt, trace shell fragments, brown	3.5'	70%	8.5'	-13.5'	
ASB-6	2345	1	3.5'-8.5'	Fine SAND, some silt, trace shell fragments, brown	5'	100%	8.5'	-13.5'	
ASB-6	2400	2	0-3.5'	Fine SAND, some silt, trace shell fragments, brown	3.5'	70%	8.5'	-13.5'	

Location USH Pulley Date 07.16.12

Project / Client ACE-123-358602.08 -FI-0001

0545 Arrive @ Area C, 103 Sanger St, New Bedford Superfund Site

0600 Conduct Health + Safety Briefing: Topics incl. hot + humid weather, site driving speed limit

0615 Load ASB6 position boat w/ drilling supplies

0700 Personnel arrived to barge; Conduct STA review w/ crew

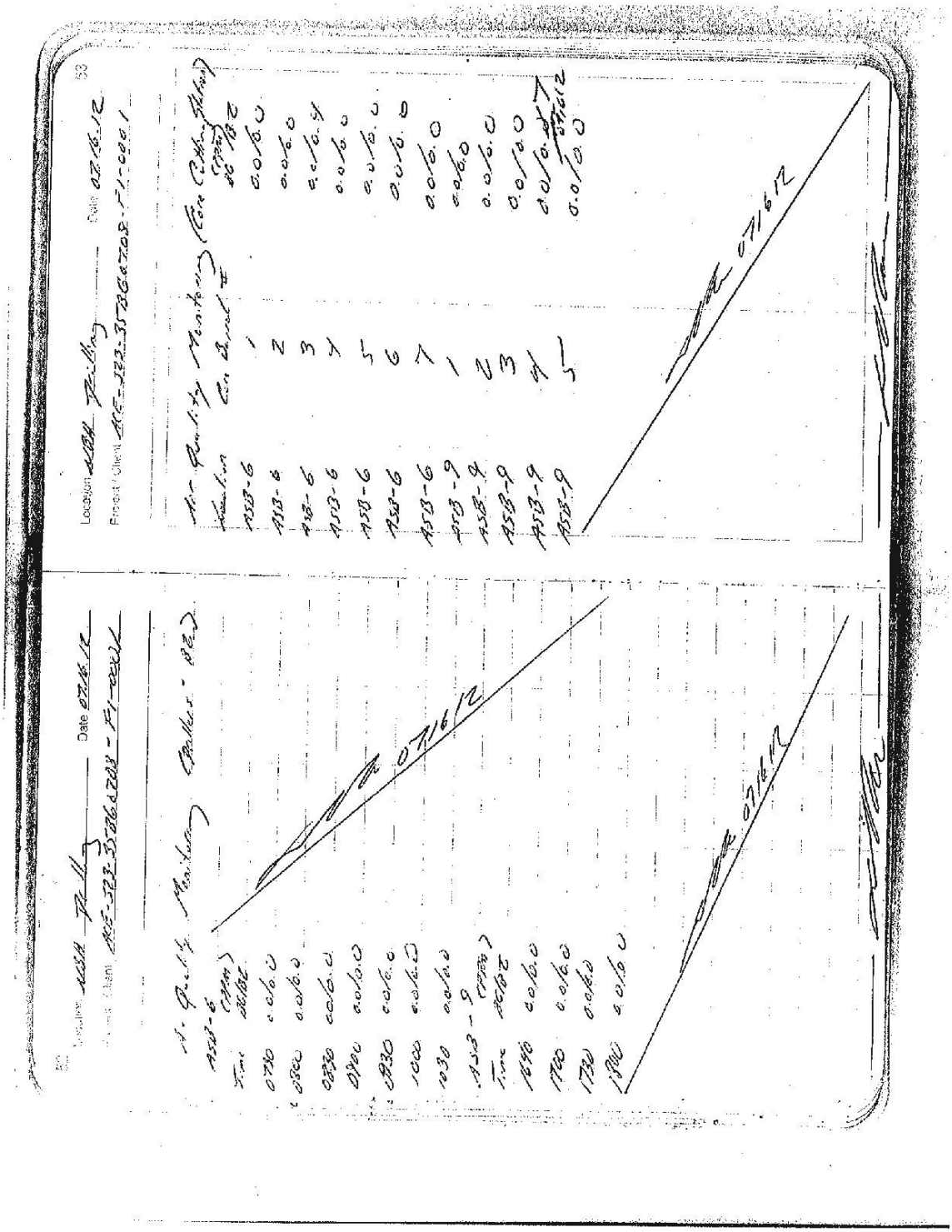
0715 Relocate barge to location ASB-6; ASB6 decontaminate core barrels

0730 Barge set up @ ASB-6; Measure depth from edge surface to H2O/soil interface @ 6.6'; Tide board measurement of 2.2'

0745 Commence ASB-6 drilling; Collect 5' core from H2O/soil interface

0755 Core jammed; 0% recovery; offset 2.5'-10' + drill new borehole; Note: offset location loc ID to remain ASB-6; ~10-15' from proposed location

0805 Measure initial depth



NBH Drilling Date 07.16.12
ACE-S23-35860708-F1-0001

0805 (cont) H_2O Column @ 6.3'; Tide-board measurement of 2.2'; Core 0-5' below H_2O/soil interface (mudline)
0810 Core #1 pulled; 4.2' recovered; Top 0.5' (OL); Remaining 3.7' (CL)
0825 Core #2 pulled; 5' (CL) recovered; Core cut @ 4.5'; Note: Core #1 cut @ 1.6'
0840 Core #3 pulled; 3.9' sd recovered; Core cut @ 12'
0845 WHG collects EB from core barrel + liner; "Alpha Analytical" lab EB H_2O source H_2O
0850 Core #4 pulled; 15-18.5' recovered; rubble bn sd
0910 Core #5 pulled; 20-23.7' recovered; Transition @ 22.2'; sd to CL?; Core cut @ 21.5'
0915 Core 25-30' below mudline
0950 Core pulled; however, no lexon liner placed in

Location NBH Drilling Date 07.16.12
Project / Client ACE-S23-35860708-F1-0001

0950 (cont) core barrel; Transfer soil to lexon liner; 25-27' bn sand, 27-28.5' bn Gravelly Silt, Hl sd; 28.5-29' TILL, grayish bn
1010 Refusal @ 32.5'; Likely top of bedrock; Core pulled; Basal Till; Terminate ASB-6 @ 32.5'
1015 Grout borehole w/ bentonite chips
1032 Borehole grouted from 32.5' to soil/H_2O interface; Collect GPS coordinates: Lat 41° 40.424' Long 70° 54.993'
1035 Drillers inspect hydraulic head; Possible loose seal; 5 bags bent chips used to backfill borehole
1100 Rig repairs to hydraulic head required
1630 Rig repairs complete; Move to location ASB-9, easter

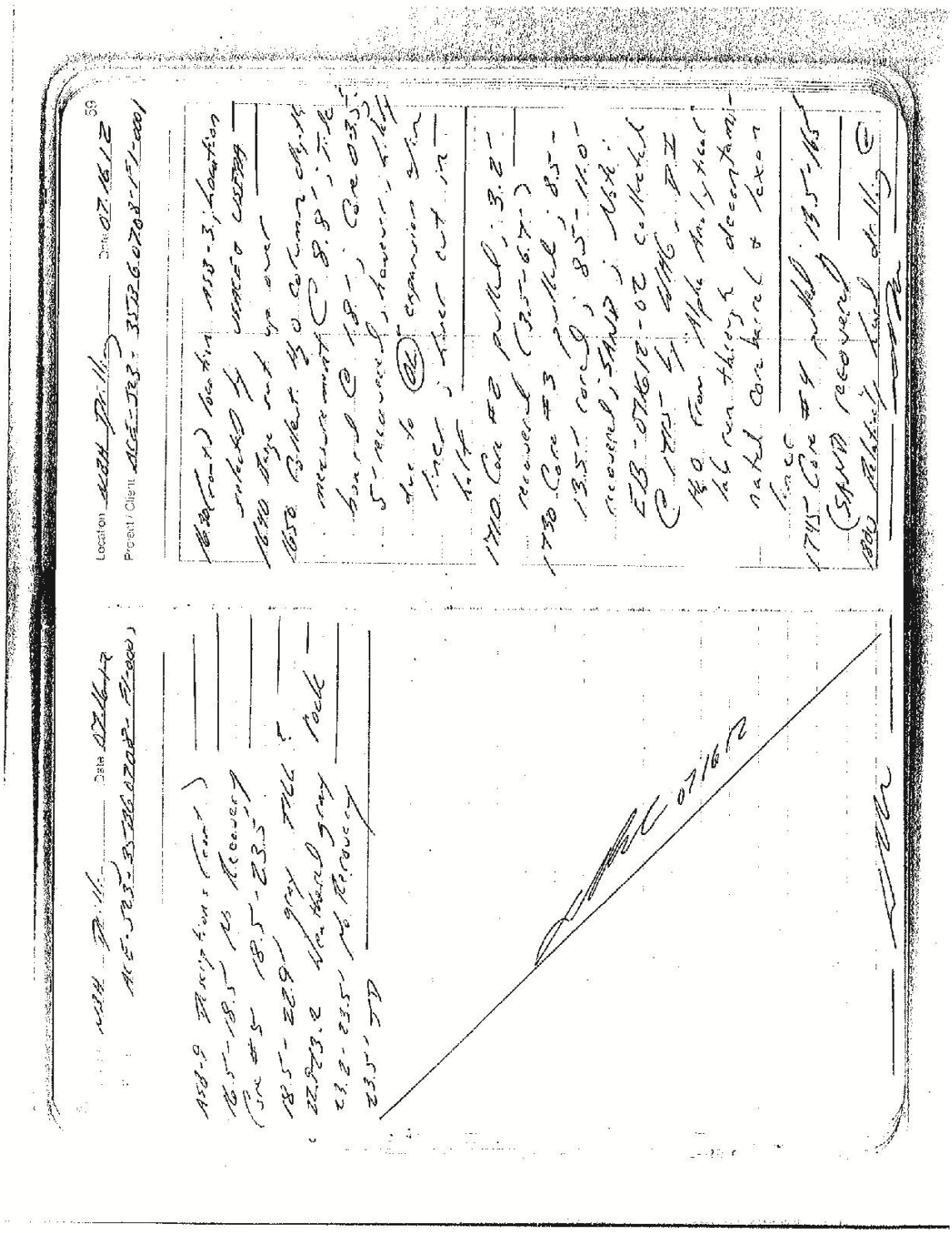
Location NBH Drilling Date 07.16.12
Project / Client ACE-S23-35B60708-F1-0001

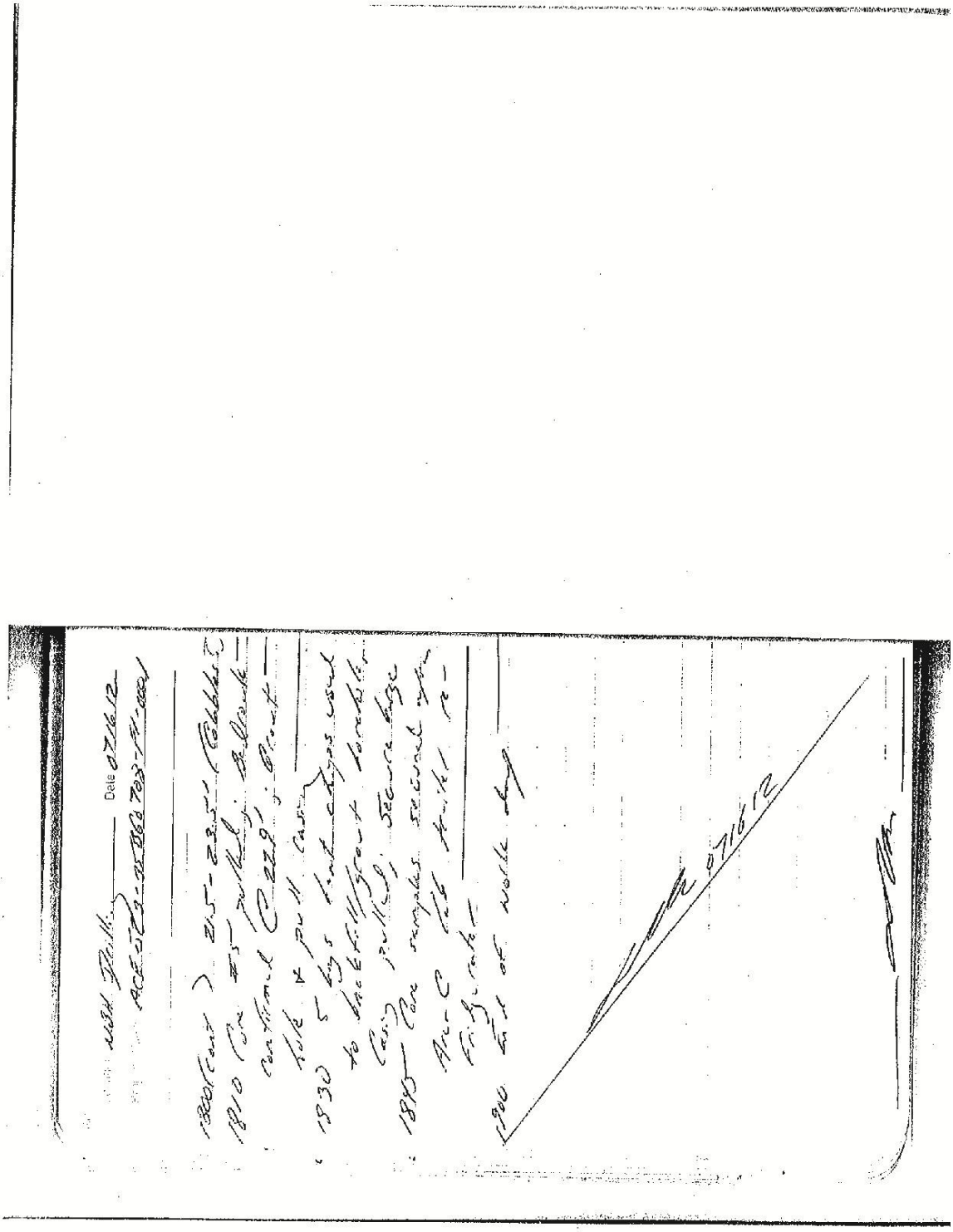
ASB 6 Soil Descriptions; Note: descriptions of material w/in lexan liner; lab personnel to perform proper USCS descriptions during soil sampling

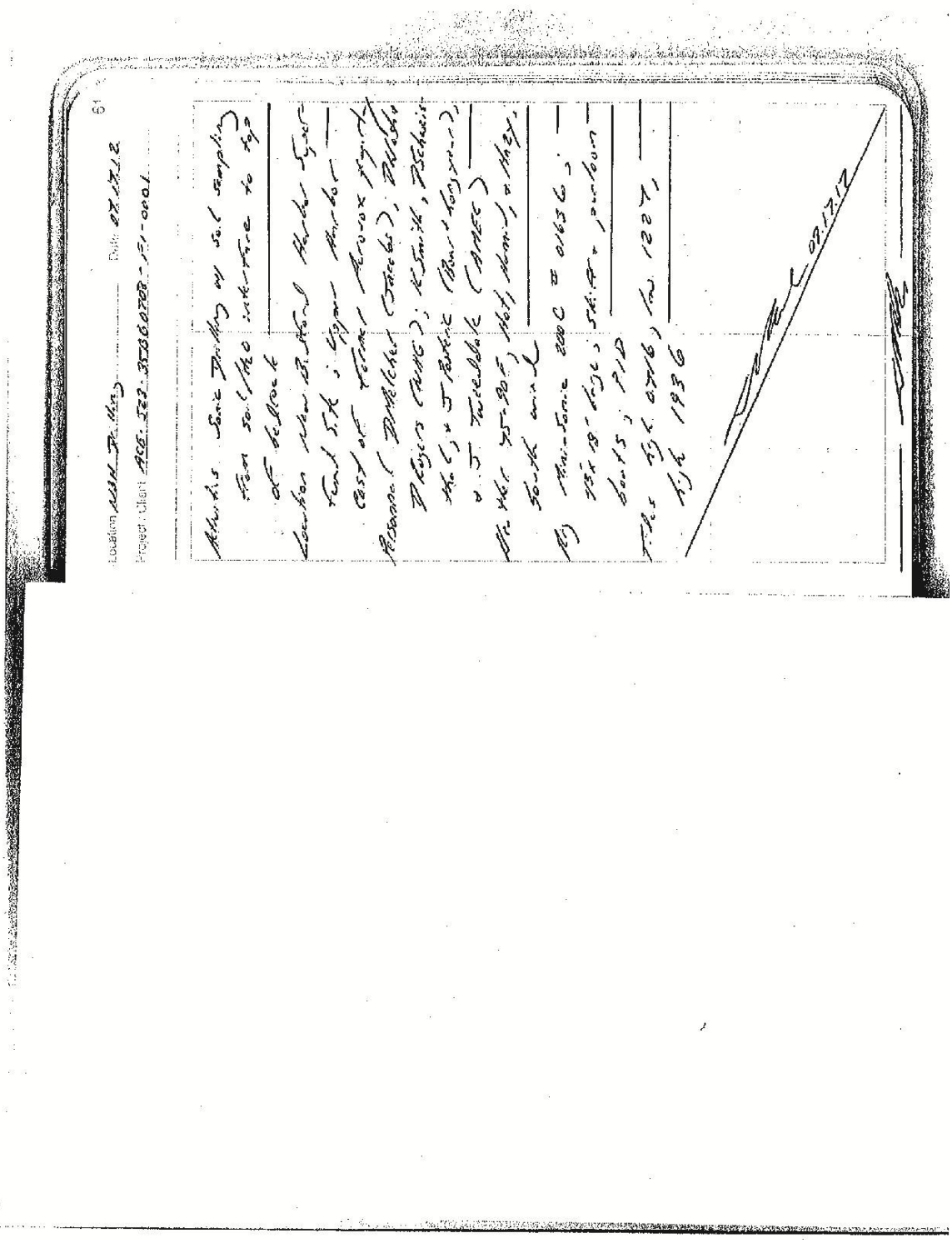
Core #1 0-5'
0-0.5' organic SILT, black (OL)
0.5-4.2' CLAY, bn (CL)
4.2-5.0' No Recovery
Core #2 5-10'
5-10' CLAY, bn (CL)
Core #3 10-15'
10-13.9' bn SAND (SP)
13.9-15' No Recovery
Core #4 15-20'
15-18.5' SAND, reddish bn (SP)
18.5-20' No Recovery
Core #5 20-25'
20-22.2' SAND, bn (SP)
22.2-23.7 Abn, CLAY? (CL)
23.7-25 No Recovery
Core #6 25-30'
25-27' bn SAND (SP)
27-28.5' GRAVELLY SILT bn (ML)

Location NBH Drilling Date 07.16.12
Project / Client ACE-S23-35B60708-F1-0001

ASB-5 Descriptions (cont.)
28.5-29' grayish bn TILL, gravelly clay, weathered rock
29-30' No Recovery
Core #7 30-32.5'
30-32.5' TILL, grayish bn, gravelly clay, weathered
Borehole TD @ 32.5'
ASB-9 Descriptions
Core #1 0-3.5'
0-2.3' Organic Silt, black (OL)
2.3-3.5' CLAY, bn (CL)
Note: 3.8' OL w/in liner, possibly due to expansion of material w/in core; Depth of sample measured & confirmed
Core #2 3.5-8.5'
3.5-6.7' SAND, bn (SP)
6.7-8.5' No Recovery
Core #3 8.5-13.5'
8.5-11.0' SAND, bn (SP)
11.0-13.5' No Recovery
Core #4 13.5-18.5'
13.5-16.5' SAND bn (SP)







Location: NBH Drilling Date: 07.17.12

Project / Client: ACE-J23-35BG0708-F1-0001

Air Quality Monitoring (Drillers' BZ)

Location ASB-8 (PPM) Time	BG/BZ	Location ASB-11 (PPM) Time	BG/BZ
0800	0.0/0.0	1530	0.0/0.0
0830	0.0/0.0	1600	0.0/0.0
0900	0.0/0.0	1630	0.0/0.0
0930	0.0/0.0	1700	0.0/0.0
1000	0.0/0.0	1730	0.0/0.0
1030	NA		

Location ASB-10 (PPM) Time	BG/BZ
1100	0.0/0.0
1130	0.0/0.0
1200	0.0/0.0
1230	0.0/0.0
1300	0.0/0.0
1330	0.0/0.0
1400	0.0/0.0
1430	0.0/0.0
1500	0.0/0.0

07/17/12

Location: NBH Drilling Date: 07.17.12

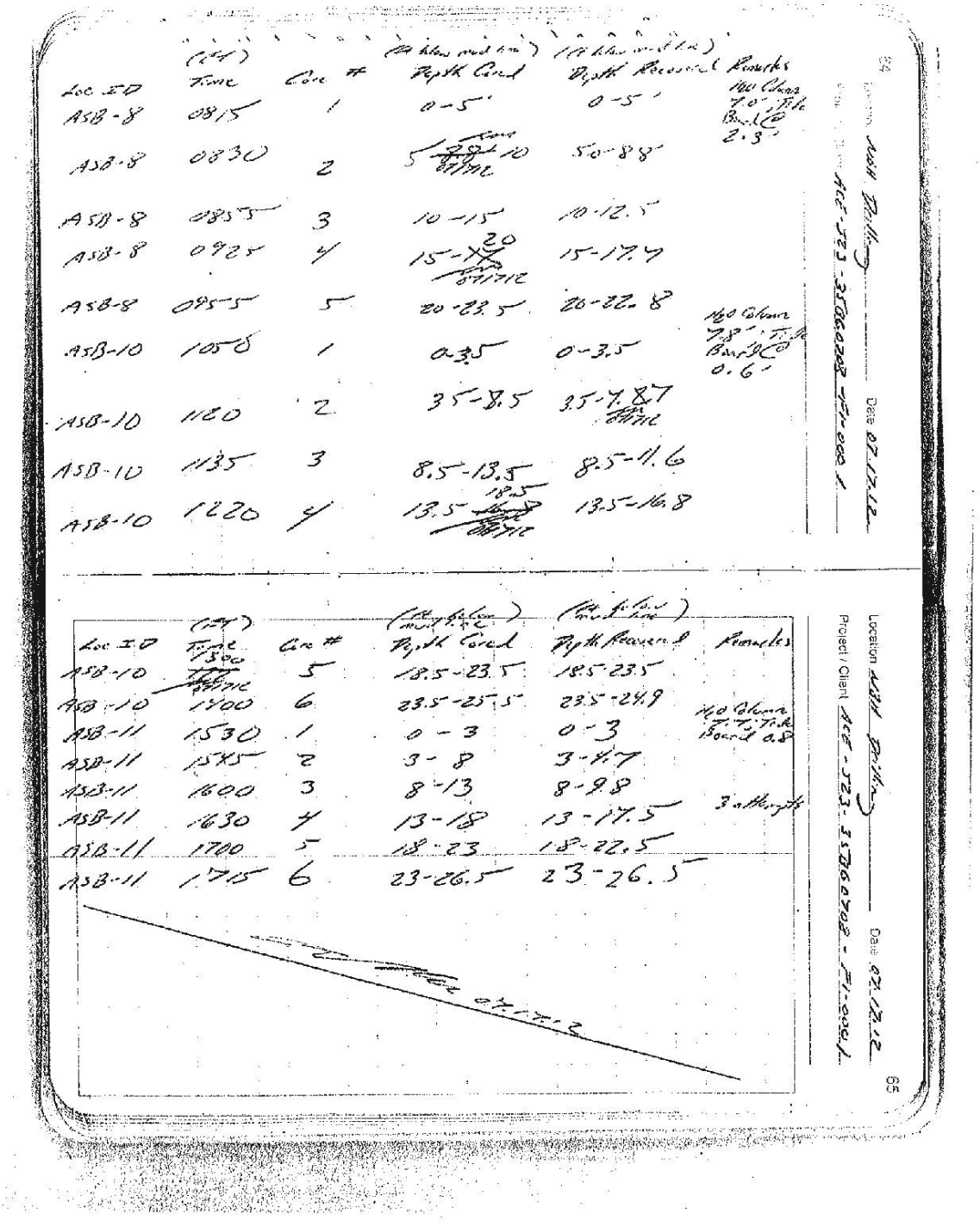
Project / Client: ACE-J23-35BG0708-F1-0001

Air Quality Monitoring (Core Cutting Station)

Location ASB-8 (PPM) Core Barrel #	BG/BZ	Location ASB-11 (PPM) Core Barrel #	BG/BZ
1	0.0/0.0	5	0.0/0.0
Note: sheen, petroleum odor		6	0.0/0.0
2	0.0/0.0		
Note sheen, petroleum odor			
3	0.0/0.0		
4	0.0/0.0		
5	0.0/0.0		

Location ASB-10 (PPM) Core Barrel #	BG/BZ
1	0.0/0.0
2	0.0/0.0
3	0.0/0.0
4	0.0/0.0
5	0.0/0.0
6	0.0/0.0

Location ASB-11 (PPM) Core Barrel #	BG/BZ
1	0.2
2	0.0
3	0.0
4	0.0



Loc ID	Time	Core #	Depth Cored	Depth Recovered	Remarks
ASB-8	0815	1	0-5'	0-5'	
ASB-8	0830	2	5-10	5.0-8.8'	
ASB-8	0835	3	10-15	10-12.5	
ASB-8	0925	4	15-20	15-17.4	
ASB-8	0935	5	20-23.5	20-22.8	
ASB-10	1050	1	0-3.5	0-3.5	
ASB-10	1120	2	3.5-8.5	3.5-7.8	
ASB-10	1135	3	8.5-13.5	8.5-11.6	
ASB-10	1220	4	13.5-18.5	13.5-16.8	
ASB-10	1300	5	18.5-23.5	18.5-23.5	
ASB-10	1400	6	23.5-25.5	23.5-24.9	
ASB-11	1530	1	0-3	0-3	
ASB-11	1545	2	3-8	3-4.7	
ASB-11	1600	3	8-13	8-9.8	
ASB-11	1630	4	13-18	13-17.5	
ASB-11	1700	5	18-23	18-22.5	
ASB-11	1715	6	23-26.5	23-26.5	

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Location NBH Drilling Date 07.17.12

Project / Client ACE-503-35BG0703-F1-0001

0545 Arrive @ 103 Sawyer St EPA Site

0600 Attend New Bedford Harbor Superfund Site safety tailgate; Topic heat stress

0615 Drillers & WHG load equip on pontoon boat; Compose SPA

0700 Personnel ferried to barge; Fuel equipment; Set up

0715 Review SPA; Note: 90F, hot, humid, & hazy weather conditions forecasted for today

0745 Relocate barge from ASB-9 (completed on 07.16.12) to ASB-8

0800 Barge set up @ ASB-8; ~10' from proposed coordinates

0805 Measure depth from H2O surface to water/soil interface @ 7.0'; Tide board @ 2.3'; Commence drilling; Advance core barrel 0-5' below mudline

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Location NBH Drilling Date 07.17.12

Project / Client ACE-503-35BG0703-F1-0001

0815 Core #1 pulled; 5' recovered; (OL); Core cut @ 2.5' & capped; Note: petroleum odor & sheen; however, 0.1 ppm for VOCs

0830 Core #2 pulled; 5-10' cored; Top 3.8' recovered; (OL); Core cut @ 6.9'

0855 Core #3 pulled, 10-15' cored; Top 2.5' recovered

0900 WHG collects equipment blank; EB-071712-01; "Alpha Analytical" lab-supplied DI H2O run through decontaminated core barrel & liner

0925 Core #4 pulled; 15-20' cored; 15-17.7' recovered; SAND

0930 20-25' core run; Coarse material; Deflection of core barrel

0955 20-23.5' cored; Bedrock likely @ 23.5'; ~~22.8'~~ 2.8' recovered

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Location NBH Drilling Date 07.17.12

Project / Client ACE-J23-35B60708-F1-0001

1000 Backfill borehole to soil/water interface w/ bentonite chips

1020 Borehole grouted to mudline, 5 bags bent-chips used; WHG collects GPS coordinates: Lat 41° 40.486' Long 70° 54.953'

1025 Relocate barge to next drilling location ASB-10

1045 Barge set up @ ASB-10; Measure depth to soil/water interface @ 7.8'; Tide board @ 0.6'; Commence drilling; Advance core barrel from mudline to 5' below mudline

1050 Core #1 pulled; 0-3.5' cored; 3.5' recovered; Advance 5½" casing 13.5' + core 3.5-8.5'; Note: Core #1 cut @ 1.75'

1055 Steam clean + scrub core barrel (s.) Note: core barrel decontaminated

1115 WHG collects Equipment Blank

69

Location NBH Drilling Date 07.17.12

Project / Client ACE-J23-35B60708-F1-0001

1115 (cont) EB-07.17.12-02; "Alpha Analytical" lab-provided DI H_2O, H_2O run through coreborrel + lexon liner

1120 Core #2 pulled; 3.5-8.5' cored; 4.2' recovered; Core cut @ 2.1' (5.6' below mudline)

1135 Core #3 pulled; 8.5-13.5' cored; 8.5-11.6' recovered; Transition @ 10'; Gravelly sd to clayey sd

1220 Core #4 pulled; 13.5-18.5' cored; 13.5-16.8' recovered; Core cut @ 15.1' transition: sd to gv sd

1230 18.5-23.5' core run: relatively coarse material; Core barrel deflection

1240 Rig down for repairs

1255 Resume ops; Pull core barrel

NBH Drilling Date 07.17.12
ACE-J23-35B60708-F1-0001

ASB-8 Core Descriptions; Note: From observations of material w/in opaque lexan liner; Lab new to characterize soil during sampling
Core #1: 0-5'
0-5' Organic Silt (OL)
Core #2: 5-10'
5-8.8' CLAY, grayish bn, shells (CL)
8.8-10' No Recovery (NSNR)
Core #3: 10-15'
10-12.5' gravelly sand? Unable to identify material through opaque liner
12.5-15' No Recovery (NSNR)
Core #4 15-20'
15-17.7' SAND, bn (SP)
17.7-20' No Recovery (NSNR)
Core #5 20-23.5'
20-22.7' bn material; Cannot see through liner
22.7-23.5' No Recovery (NSNR)
23.5' Borehole TD, Top Rock

Location NBH Drilling Date 07.17.12
Project / Client ACE-J23-35B60708-F1-0001

ASB-10 Descriptions
Core #1 0-3.5' Organic Silt, black (OL)
Core #2 3.5-8.5'
Note: peat @ 1.75' (core #1)
3.5-7.7' GRAVELLY SAND, bn (SP)
7.7-8.5' No Recovery (NSNR)
Core #3 8.5-13.5'
8.5-10' GRAVELLY SAND, bn (SP)
10-11.6' CLAYEY SAND, lt bn (SC)
11.6-13.5' No Recovery (NSNR)
Core #4 13.5-18.5'
13.5-15.1' gray sd (SP)
15.1-16.8' gray gravelly sd (SP)
16.8-18.5' No Recovery (NSNR)
Core #5 18.5-23.5'
18.5-23.5' gray bn gravelly sd (SP)
Weathered rock @ base of sample; TILL
Core #6 23.5-25.5'
23.5-24.5' TILL
24.5-25.5' weathered gray rock, Bedrock
25.5' Borehole TD
07/17/12

Location: NBH Drilling Date: 07.17.12
Project / Client: ACE-503-35360708-F1-0001

1300 Core #5 pulled; 18.5-23.5' cored w/ 100% recovery; PLL @ base of sample
1310 Rod breaks while core barrel drilling @ 23.5'; Suspend ops; Dillers to obtain tapered rod attachment from ARC; Till likely to 24.5'; Bedrock @ 24.5'
1400 Core barrel retrieved; 23.5-25.5' cored; 23.5-24.9' recovered; Bedrock confirmed; Grout borehole & pull casing; Decon down-hole tools
1500 5 bags bent chips used to decon hole; Relocate barge to next location ASB-11
1520 Barge set up @ ASB-11; Measure depth from H_2O surface @ 7.7' above soil/H_2O interface; Tide board @ 0.8'; Advance core barrel from mudline

Location: NBH Drilling Date: 07.17.12
Project / Client: ACE-503-35360708-F1-0001

1530 Core #1 pulled; 0-3' below mudline cored; 100% recovery
1545 Core #2 pulled; 1.4' recovered; SAND
1600 Core #3 pulled; 1.8' recovered; SAND; Poor recovery due to sand falling out of liner & core barrel; EB-07171203 collected
1630 3 attempts @ 13-18' interval; 0% recovery 1st 2 attempts; 4.5' recovered 3rd attempt (new bit & modified retainer)
1700 Core #5 pulled; 18-23' cored; 18-22.5 recovered; Gravelly clay; Cut core @ 20.5'
1715 Core #6 pulled; 23-26.5' cored; ≈0.5' bedrock;
1730 Grout hole; Pull casing
1745 Casing pulled; 5 bags bent chips used; Secure

Location NBH Drilling Date 07.17.12
Project / Client ACE-523-35360708-F1-0001

1745 (cont) site/barge for evening
1800 Depart barge; will resume drilling on 07.18.12; Note: full coordinates collected
ASB-11 Lat 41° 40.470
Long 70° 54.956
ASB-10 Coordinates
Lat 41° 40.442
Long 70° 54.957
1830 ASB-11 cores secured upon Area C lab trailer refrigerator

[signature] 071712

[signature]

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Location NBH Drilling Date 07.17.12
Project / Client ACE-523-35360708-F1-0001

ASB-11 Descriptions
Core #1 0-3'
0-3' Organic Silt, black (OL)
Core #2 3-8'
3-4.7' SAND, bn (SP)
4.7-8' No Recovery
Core #3 8-13'
8-9.8' SAND, bn (SP)
9.8-13' No Recovery
Core #4 13-18'
13-17.5' SAND, bn (SP)
17.5-18' No Recovery
Core #5 18-23'
18-22.5' GRAVELLY CLAY, lt bn (CL)
22.5-23' No Recovery
Core #6 23-26.5'
23-26' GRAVEL: lt bn, fn to cs bng, sm clay (GC)
26-26.5' [illegible] gray rock, Bedrock
TDC 26.5'
[signature] 071712

[signature]

NBH Drilling Date 07.18.12
ACE-S23-35B60708-F1-0001

Activities Sonic Drilling w/ soil sampling from water/soil interface continuously to top of bedrock
Location Boring ASB-12; Upper New Bedford Harbor east of former Aerovox property
Personnel D Melcher (Jacobs); D Walsh & D Rogers (Woods Hole Group), K Smith, D Schweisthal, & J Posteric (Boart Longyear); B Scott (New England Harbor Services); & J Tweeddale (AMEC)
Weather 78-90F, Humid, South Wind, PM T-Storms
Rig Mini-Sonic 200C #01636; 43'x 18' barge; skiff & pontoon boats; PID
Tides high 0801, low 1313

07.18.12

Location NBH Drilling Date 07.18.12
Project/Client ACE-S23-35B60708-F1-0001

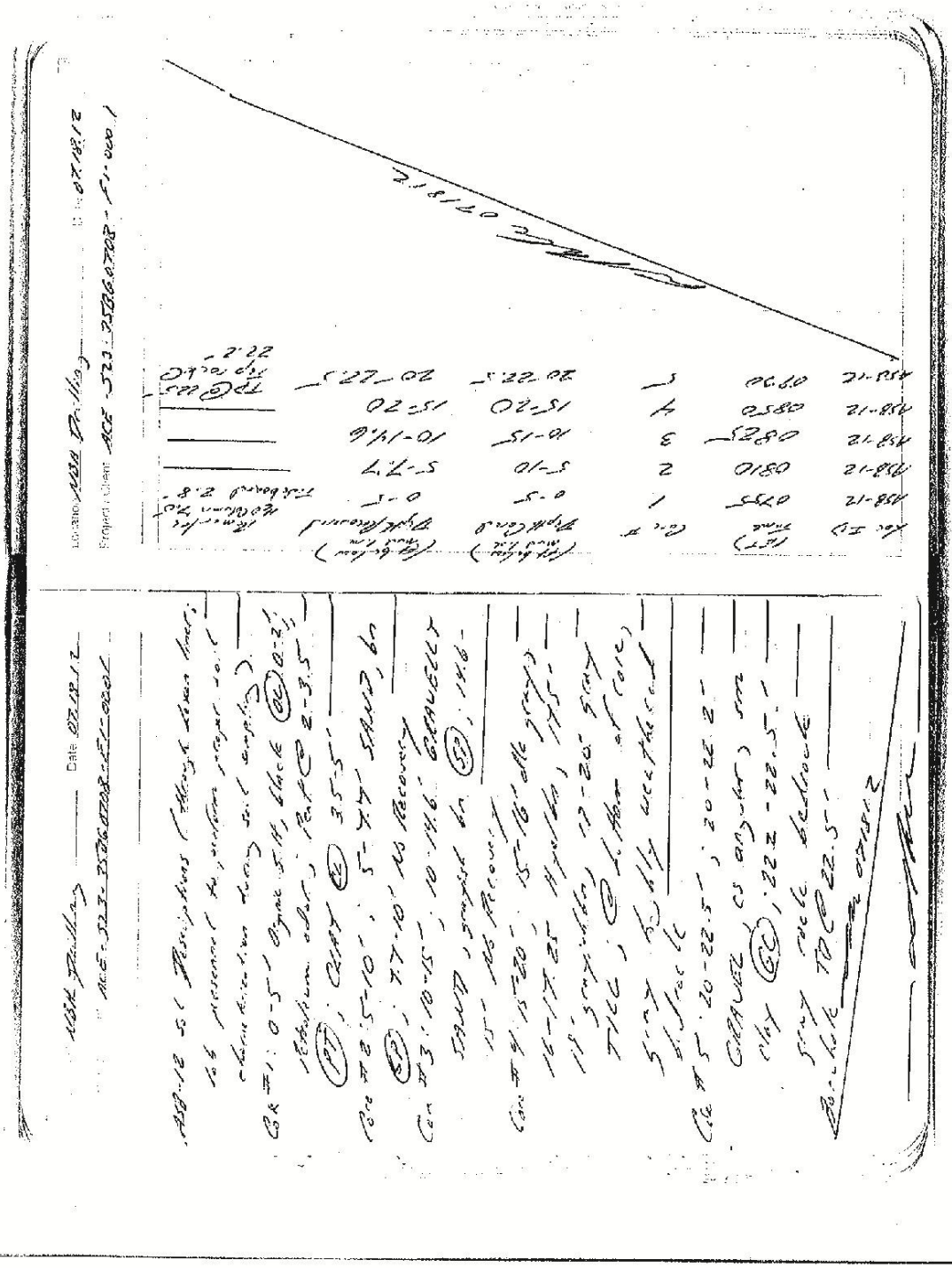
Air Quality Monitoring (Drillers BZ)

(ET) Time	(PPM) BG/BZ	(ET) Time	(PPM) BG/BZ
0730	0.0/0.0	0930	0.0/0.0
0800	0.0/0.0	1000	0.0/0.0
0830	0.0/0.0		
0900	0.0/0.0		

Air Quality Monitoring (Pore Cutting Station)

Core Barrel #	(PPM) BG/BZ
1	0.0/0.0
2	0.0/0.0
3	0.0/0.0
4	0.0/0.0
5	0.0/0.0

07.18.12



WBH Drilling Date 07.18.12
ACE-523-35B60708-F1-0001

0545 Arrive @ 103 Sawyer St EPA site, New Bedford MA
0600 Attend New Bedford Harbor Superfund Site health & safety tailgate; Topics incl. SPA generation, heat stress, & possibility of PM T-Storms
0615 WHG & Drillers load equip & materials on pontoon boat; Generate SPA
0700 Personnel ferried to barge; Load materials on barge
0715 Review drilling SPA
0730 Relocate barge from current location ASB-11 to Final boring ASB-12
0740 Barge set up @ ASB-12; Measure depth from water surface to soil/water interface @ 70'; Tide board measurement of 2.8'
0745 Advance core barrel from soil/water interface 5'
0955 Core pulled; 5' recovered (02)

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Location WBH Drilling Date 07.18.12
Project/Client ACE-523-35B60708-F1-0001

0955 (cont) Peat @ 2-3.5'
0800 Core barrel decontamination
0810 5-10' core pulled; 2.7' Sand recovered
0815 WHG collects Equipment Blank EB-071812-01
0825 Core #3 pulled; 4.6' recovered; Core cut @ 2.5'
0850 Core #4 pulled; 5' recovered; Core cut @ 2.5'
0900 Note highly weathered gray rock @ base of core #4; WHG directs drillers to continue drilling to competent bedrock
0930 20-22.5' cored; Bottom 0.3' competent gray bedrock; Borehole completed to depth of 22.5'; Backfill grout borehole to soil/water interface
0945 Borehole grouted w/ 5-50 lb bags bent chips

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NBH Drilling Date 07.18.12

ACE-323-35860708-F1-0001

1010 Collect ASB-12 GPS Coordinates
Lat 41° 40.463
Long 70° 54.973
1020 Depart ASB-12 for Area C
dock
1100 Barge arrives @ Area C dock;
Drillers begin unloading equip
& materials from barge
1130 Severson Environmental
Services personnel assist
in unloading equip from
barge via hull
1300 Crane mats used to bridge
difference in elevation
between barge & dock;
Mini-sonic moved to
dock
1500 Drillers to decon rig
& down-hole tools; Drill
stage equip @ Area C
& demobilize AM tomorrow

07.18.12

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APPENDIX B. FINAL BORING LOGS PRODUCED BY JACOBS ENGINEERING

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NBH BORING LOG

JACOBS		Boring ID No: ASB-1	Sheet: 1 Of: 1
		Date/Time Started: 7/12/12 1215	Date/Time Compl: 7/12/12 1525
Project Name: New Bedford Aerovox Boring		Borehole Dia: 5.5"	
Project Number: W91WJ-09-D-0001, TO 0010		Drill Type: Mini-Sonic	
Location: New Bedford, Massachusetts		Drill Rig and Model: 200C No. 01636	
Coordinates: N: 2707037.53	E: 815657.42	Sampling Tool: 4.5" Core Barrel	
Ground Elevation: -5.5 ft NGVD		Drilling Company: Boart Longyear	
Depth to Sediment Interface: 6.1 ft		Name of Driller: Kevin Smith	
Tideboard Reading: 0.60 ft NGVD		Geologist: Don Melcher, Mike Morris	
Total Depth of Boring: 28.0 ft		Hammer Weight/Drop: N/A	PID: Multi Rae 1114679

LOWER DEPTH (ft)	STRATIGRAPHY	UNIT	SAMPLE ID OR CONTROL NO.	SAMPLE COLL TIME (24 hr)	PID (ppm)	USCS CLASS.	LITHOLOGY	DESCRIPTION OF MATERIALS (MAJOR LITHOLOGY Secondary Components, color, grain size, sorting, grain shape, other lithologic components, sedimentary structures/bedding, consistency or relative density and moisture)	REMARKS
3.5	Marine		S-12L-B001-1.0-1.5	1245		OL	ORGANIC SILT	ORGANIC SILT: 2.5Y 2.5/1 black, silt, trace fine sand, little clay, soft to very soft, wet	petroleum odor, slight sheen 0-1.5 ft
4.6	Glacial Outwash		S-12L-B001-4.0-4.5	1245		SP	SAND WITH GRAVEL	POORLY GRADED SAND WITH GRAVEL: 2.5Y 5/2 grayish brown, medium sand, some fine sand, few rounded to subrounded gravels, trace silt	gravels are rounded to subrounded, no odor, oily film noted on sampling spoon
5.7						SP	SAND	POORLY GRADED SAND: 2.5Y6/1 gray, medium sand, some fine sand, trace silt	matrix shows low chroma, evidence of gleying, no odor, no gravel
6.8			S-12L-B001-6.0-6.5	1315		SW	SAND WITH GRAVEL	WELL GRADED SAND WITH GRAVEL: 2.5Y 5/2 grayish brown, medium sand, some fine sand, some coarse sand, little rounded gravels, trace silt, trace clay, medium dense	bright mottles (7.5YR 5/6 strong brown) veining through matrix, evidence of oxidation, no odor
7.7						SP	SAND WITH GRAVEL	POORLY GRADED SAND WITH GRAVEL: 2.5Y 6/1 gray, fine sand, little rounded gravels, little medium sand, trace silt, trace clay, loose	
16.7								NO RECOVERY	
18.1			S-12L-B001-16.7-17.2	1425		SW	SAND WITH GRAVEL	WELL GRADED SAND WITH GRAVEL: 2.5Y 5/3 light olive brown, coarse sand, some medium sand, little fine sand, trace silt, trace clay, little round to subrounded gravels, some rounded cobbles, medium dense	large cobble marks bottom of unit
19.3	Glacial Till		S-12L-B001-18.6-19.1	1425		SP	SAND WITH GRAVEL	POORLY GRADED SAND WITH GRAVEL: 2.5Y 6/2 light brownish gray, fine sand, little silt, trace clay, little subangular to angular gravels	Change in lithology at 18.1 ft. Go from water lain deposits to glacial till. Looks like alluvium over glacial till
20.6						GW	GRAVEL WITH SAND	WELL GRADED GRAVEL WITH SAND: 2.5Y 5/2 grayish brown, angular to subangular gravels, some coarse sand, trace silt, trace clay, medium dense, wet	Presence of free water may indicate flow zone.
20.9						CL	CLAY WITH GRAVEL	LEAN CLAY WITH GRAVEL: 10GY 5/1 greenish gray, clay, some silt, trace fine sand, little angular to subangular gravels, stiff, moist	Shows signs of oxidation.
24.4			S-12L-B001-21.5-22.0 S-12L-B001-23.5-24.0	1500 1500		CL	CLAY WITH GRAVEL	LEAN CLAY WITH GRAVEL: 10GY 5/1 greenish gray, clay, some silt, trace medium sand, little gravel, stiff, moist, medium plasticity	Evidence of reduced conditions, no odor, no sign of stratification but feels like lacustrine-type deposit
26.0			S-12L-B001-25.3-25.8	1525		GW-GC	GRAVEL WITH CLAY	WELL GRADED GRAVEL WITH CLAY: 5GY 6/1 greenish gray, clay, some silt, little fine sand, some medium sand, some angular to subangular gravels, medium dense, moist, medium plasticity	No odor
28.0			S-12L-B001-27.2-27.7	1525		ML	SILT WITH GRAVEL	SILT WITH GRAVEL: 10GY 5/1 greenish gray, silt, some angular gravels, little clay, trace fine sand, stiff, dry	Common distinct mottles (10GY 8/1 light greenish gray), suggest characteristics of a fragipan. Lamellae seem stripped of weatherable minerals along flow path. Bedrock in bottom of unit.
28.0+	Bedrock							BEDROCK	

JACOBS

NBH BORING LOG

Project Name: New Bedford Aerovox Boring		Boring ID No: ASB-2	Sheet: 1 Of: 1
Project Number: W91WJ-09-D-0001, TO 0010		Date/Time Started: 7/13/12 0700	Date/Time Compl: 7/13/12 1215
Location: New Bedford, Massachusetts		Borehole Dia: 5.5"	
Coordinates: N: 2706970.69	E: 815653.32	Drill Type: Mini-Sonic	
Ground Elevation: -4.9 ft NGVD		Drill Rig and Model: 200C No. 01636	
Depth to Sediment Interface: 4.1 ft		Sampling Tool: 4.5" Core Barrel	
Tideboard Reading: -0.8 ft NGVD		Drilling Company: Boart Longyear	
Total Depth of Boring: 27.0 ft		Name of Driller: Kevin Smith	
		Geologist: Don Melcher, Mike Morris	
		Hammer Weight/Drop: N/A	PID: Multi Rae 1114679

LOWER DEPTH (ft)	STRATIGRAPHY	UNIT	SAMPLE ID OR CONTROL NO.	SAMPLE COLL TIME (24 hr)	PID (ppm)	USCS CLASS.	LITHOLOGY	DESCRIPTION OF MATERIALS (MAJOR LITHOLOGY Secondary Components, color, grain size, sorting, grain shape, other lithologic components, sedimentary structures/bedding, consistency or relative density and moisture)	REMARKS
4.5	Marine		S-12L-B002-1.0-1.5 S-12L-B002-3.0-3.5	0755 0755		OL	ORGANIC SILT	ORGANIC SILT: 2.5Y 2.5/1 black, silt, little fine sand, little clay, trace medium sand, few peat fibers, very soft, moist to wet	Petroleum odor
7.1	Glacial Outwash		S-12L-B002-5.5-6.0	0825		SW	SAND	WELL GRADED SAND: 10YR 3/3 dark brown, medium sand, some fine sand, some coarse sand, little silt, trace clay, trace rounded quartz gravels, medium dense, moist	No odor
7.5					0.3	SP	SAND	POORLY GRADED SAND: 2.5Y 4/1 dark gray, fine sand, little silt, trace clay, medium dense, moist	No odor.
9.7			S-12L-B002-8.0-8.5	0845	0.0	SW	SAND	WELL GRADED SAND: 2.5Y 5/1 gray, medium sand, some fine sand, some coarse sand, little silt, trace clay, trace rounded gravels, loose, moist	No odor
10.5					0.0	SW	SAND	WELL GRADED SAND: 5Y 4/1 dark gray, coarse sand, little fine sand, little medium sand, trace silt, trace clay, trace rounded gravels, loose, moist	No odor
12.0								NO RECOVERY	
13.1			S-12L-B002-12.0-12.5	0930	0.0	SW-SM	SAND WITH SILT	WELL GRADED SAND WITH SILT: 2.5Y 5/2 grayish brown, coarse sand, some fine sand, some medium sand, little silt, trace clay, few rounded gravels, dense, moist	
14.85	Glacial Till		S-12L-B002-14.0-14.5	0930	0.0	SP-SM	SAND WITH SILT	POORLY GRADED SAND WITH SILT: 5Y 5/1 gray, fine sand, little medium sand, little silt, trace clay, few angular to subangular gravels, loose, moist	Lithologic discontinuity, probably glacial
19.1			S-12L-B002-17.5-18.0	1000	0.0	SW	SAND WITH GRAVEL	WELL GRADED SAND WITH GRAVEL: 10YR 4/4 dark yellowish brown, medium sand, some coarse sand, some fine sand, little silt, trace clay, little angular to subangular gravels, dense, moist to wet	Looks partially oxidized, no odor, large cobble marking base of unit
23.8			S-12L-B002-19.5-20.0	1000	0.0	ML	SILT	SILT: 5Y 5/3 olive, silt, some clay, little fine sand, trace medium sand, few angular gravels, stiff, moist	No odor
25.4			S-12L-B002-24.0-24.5 S-12L-B002-24.5-25.0	1050	0.0	GW-GC	GRAVEL WITH CLAY	WELL GRADED GRAVEL WITH CLAY: 5/Y 4/1 dark gray, angular to subangular gravel, some clay, little silt, trace fine sand, dense, moist to wet, medium plasticity	
27.0+	Bedrock				0.0	ML	SILT WITH GRAVEL	SILT WITH GRAVEL: 5Y 8/1 white, silt, some angular gravel, very stiff, dry	Common prominent mottles of 5Y 5/1 (gray). Looks like saprolite or weathered bedrock

NBH BORING LOG

JACOBS		Boring ID No: ASB-3	Sheet: 1 Of: 1
		Date/Time Started: 7/13/12 1200	Date/Time Compl: 7/13/12 1530
	Project Name: New Bedford Aerovox Boring	Borehole Dia: 5.5"	
	Project Number: W91WJ-09-D-0001, TO 0010	Drill Type: Mini-Sonic	
	Location: New Bedford, Massachusetts	Drill Rig and Model: 200C No. 01636	
Coordinates: N: 2706879.60	E: 815653.94	Sampling Tool: 4.5" Core Barrel	
Ground Elevation: -6.8 ft NGVD		Drilling Company: Boart Longyear	
Depth to Sediment Interface: 6.8 ft		Name of Driller: Kevin Smith	
Tideboard Reading: 0.0 ft NGVD		Geologist: Don Melcher, Mike Morris	
Total Depth of Boring: 24.0 ft		Hammer Weight/Drop: N/A	PID: Multi Rae 1114679

LOWER DEPTH (ft)	STRATIGRAPHY	UNIT	SAMPLE ID OR CONTROL NO.	SAMPLE COLL TIME (24 hr)	PID (ppm)	USCS CLASS.	LITHOLOGY	DESCRIPTION OF MATERIALS (MAJOR LITHOLOGY Secondary Components, color, grain size, sorting, grain shape, other lithologic components, sedimentary structures/bedding, consistency or relative density and moisture)	REMARKS
2.9	Marine		S-12L-B003-0.6-1.1 S-12L-B003-2.0-2.5	1200 1200	111	OL	ORGANIC SILT	ORGANIC SILT WITH PEAT: 2.5Y 2.5/1 black, silt, some clay, trace fine sand, trace medium sand, little peat fibers, very soft, moist to wet	Strange odor, different than usual petroleum odor. PID written on core barrel = 94 ppm VOCs
3.2					2.4	GW-GM	GRAVEL WITH SILT	WELL GRADED GRAVEL WITH SILT: 2.5Y 3/1 very dark gray, rounded to subrounded gravels, some silt, little fine sand, little medium sand, trace clay, loose, moist to wet	Oil sheen on surface, petroleum odor + a sweet smell, rubber mat material found at top of interval, some OL organic material mixed with gravel
3.5								NO RECOVERY	
4.2			S-12L-B003-3.5-4.0	1215	0.7	SW	SAND	WELL GRADED SAND: 2.5Y 5/1 gray, medium sand, some fine sand, some coarse sand, trace silt, trace clay, trace rounded gravels, loose, moist	Strange, sweet detergent odor
5.2			S-12L-B003-4.5-5.0	1215	0.7	SW	SAND	WELL GRADED SAND: 5Y 4/1 dark gray, coarse sand, some fine sand, some medium sand, little rounded gravels, trace silt, loose, moist to wet	Strange detergent odor
8.5	Glacial Outwash							NO RECOVERY	
10.0			S-12L-B003-9.0-9.5	1330	0.0	SW	SAND	WELL GRADED SAND: 7.5YR 4/6 strong brown, coarse sand, some medium sand, little fine sand, trace silt, little rounded gravel, loose, moist	Thin iron coatings on sand grains, strange, sweet smell, looks more oxidized than the unit described above
13.5								NO RECOVERY	
15.7			S-12L-B003-14.5-15.0	1400	0.0	SW	SAND	WELL GRADED SAND: 2.5Y 4/2 dark grayish brown, coarse sand, some medium sand, little fine sand, little rounded gravels, loose, moist	No odor
15.8					0.0	ML	SILT	SILT: 7.5YR 5/6 strong brown, silt, little clay, trace fine sand, stiff	Common prominent mottles of 2.5Y 6/3 light yellowish brown, definite redoxymorphic features with veins of reddish and gray colors + coarse manganese nodules. Moderate medium subangular blocky structure, no odor.
18.5								NO RECOVERY	
19.4					0.0	SW	SAND	WELL GRADED SAND: 2.5Y 5/2 grayish brown, coarse sand, some medium sand, little fine sand, trace silt, little rounded gravels, moist	
21.0	Glacial Till		S-12L-B003-19.5-20.0	1435	0.0	ML	SILT WITH GRAVEL	SILT WITH GRAVEL: 5Y 6/1 gray, silt, some angular to subangular gravel, little fine sand, trace medium sand, little clay, soft, moist to wet, medium plasticity	Represents a lithologic discontinuity from alluvium above
21.5								NO RECOVERY	
22.2			S-12L-B003-21.5-22.0	1515	0.0	CL-ML	SILTY CLAY	SILTY CLAY: 5G 5/1 greenish gray, clay, some silt, trace fine sand, stiff, dry, medium plasiticity	Common prominent mottles of 10YR 4/6 dark yellowish brown and 5GY 7/1 light greenish gray, moderate medium subangular blocky structure with remnants of lamellae present, low chroma mottles found along flow path, redoxymorhpic features, common manganese stains on ped faces,
23.4			S-12L-B003-22.5-23.0	1515	0.0	CL-ML	SILTY CLAY	SILTY CLAY: 5Y 6/1 gray, clay, some silt, little fine sand, trace medium sand, trace angular gravels, soft, moist to wet, medium plasticity	Shows reducing conditions
23.4+	Bedrock							BEDROCK: Gabbro?	

NBH BORING LOG

JACOBS		Boring ID No: ASB-4	Sheet: 1 Of: 1
		Date/Time Started: 7/14/12 0735	Date/Time Compl: 7/14/12 1010
	Project Name: New Bedford Aerovox Boring	Borehole Dia: 5.5"	
	Project Number: W91WJ-09-D-0001, TO 0010	Drill Type: Mini-Sonic	
	Location: New Bedford, Massachusetts	Drill Rig and Model: 200C No. 01636	
Coordinates: N: 2706806.47	E: 815618.01	Sampling Tool: 4.5" Core Barrel	
Ground Elevation: -5.6 NGVD		Drilling Company: Boart Longyear	
Depth to Sediment Interface: 6.1 ft		Name of Driller: Kevin Smith	
Tideboard Reading: 0.5 ft NGVD		Geologist: Don Melcher, Mike Morris	
Total Depth of Boring: 21.25 ft		Hammer Weight/Drop: N/A	PID: Multi Rae 1114679

LOWER DEPTH (ft)	STRATIGRAPHY	UNIT	SAMPLE ID OR CONTROL NO.	SAMPLE COLL TIME (24 hr)	PID (ppm)	USCS CLASS.	LITHOLOGY	DESCRIPTION OF MATERIALS (MAJOR LITHOLOGY Secondary Components, color, grain size, sorting, grain shape, other lithologic components, sedimentary structures/bedding, consistency or relative density and moisture)	REMARKS
1.1	Marine		S-12L-B004-0.5-1.0	0740	0.0	OL	ORGANIC SILT WITH SAND AND GRAVEL	SANDY ORGANIC SILT WITH GRAVEL: 2.5Y 2.5/1 black, silt, some medium sand, some fine sand, little clay, little rounded gravels, very soft, wet	Petroleum odor, piece of bark found in the sample
4.8			S-12L-B004-3.5-4.0	0740	0.0	ML	SANDY SILT	SANDY SILT, 5Y 4/1 dark gray, silt, some fine sand, some clay, stiff, moist	Slight petroleum odor, evidence of reducing conditions
6.5					0.0	SP-SM	SAND WITH SILT	POORLY GRADED SAND WITH SILT: 5Y 5/1 gray, fine sand, some silt, little clay, stiff, moist	No odor, consistence is almost brittle
7.1	Glacial Outwash		S-12L-B004-6.5-7.0	0835	0.0	SP-SM	SAND WITH SILT	POORLY GRADED SAND WITH SILT: 10YR 4/6 dark yellowish brown and 5Y 4/1 dark gray, fine sand, some silt, little clay, medium dense, wet	Presence of free water, peds are gleyed on the inside, oxidized on the outside, neither color is dominant, no odor. Note, this core and all following were collected from ASB-4A, an offset of ASB -4. ASB-4 (0-5 ft) was collected because of good recovery. Remaining cores are from ASB-4A offset
8.3			S-12L-B004-7.5-8.0	0835	0.0	GW	GRAVEL WITH SAND	WELL GRADED GRAVEL WITH SAND: 10YR4/6 dark yellowish brown, rounded and subrounded gravel, some coarse sand, some medium sand, som fine sand, some silt, trace clay, loose, wet	Color due to oxidzed iron, no odor
9.0					0.0	SW-SM	SAND WITH SILT AND GRAVEL	WELL GRADED SAND WITH SILT AND GRAVEL: 10YR 4/6 dark yellowish brown, coarse sand, some medium sand, some fine sand, some silt, little rounded and subrounded gravel, soft, wet	No odor
10.0								NO RECOVERY	
13.0			S-12L-B004-11.0-11.5	0850	0.0	SW-SM	SAND WITH SILT AND GRAVEL	WELL GRADED SAND WITH GRAVEL: 2.5Y 4/2 dark grayish brown, coarse sand, some medium sand, little fine sand, some rounded and subrounded gravels, loose, moist to wet	No odor
15.0								NO RECOVERY	
16.1			S-12L-B004-15.5-16.0	0925	0.1	SW-SM	SAND WITH SILT AND GRAVEL	WELL GRADED SAND WITH SILT AND GRAVEL: 5Y 5/1 gray, coarse sand, some silt, some medium sand, some fine sand, some rounded and subrounded gravel, loose, moist to wet	No odor
17.4					0.1	SW	SAND WITH GRAVEL	WELL GRADED SAND WITH GRAVEL: 5Y 6/1 gray, coarse sand, some medium sand, little fine sand, trace silt, some rounded to subrounded gravel, loose, moist to wet.	No odor
18.3	Till?		S-12L-B004-17.5-18.0	0925	0.0	ML	SILT WITH GRAVEL	SILT WITH GRAVEL: 5Y 6/1 gray, silt, some medium sand, some fine sand, little clay, little angular gravel, soft, moist to wet	No odor, reduced, lower boundary marked by rock (gabbro?)
18.9	Glacial Outwash				0.0	SW	SAND WITH GRAVEL	WELL GRADED SAND WITH GRAVEL: 5Y 6/1 gray, coarse sand, some medium sand, little fine sand, trace silt, some rounded to subrounded gravels, soft, moist	No odor
20.0								NO RECOVERY	
20.9			S-12L-B004-20.0-20.5	0950	0.0	GW-GM	GRAVEL WITH SILT	WELL GRADED GRAVEL WITH SILT: 5Y 7/1 light gray, rounded gravels, some silt, some medium sand, some fine sand, trace clay, medium dense, moist to wet	No odor
21.3					0.0	SW	SAND with GRAVEL	WELL GRADED SAND WITH GRAVEL: 5Y 6/1 gray, coarse sand, some medium sand, little fine sand, trace silt, little rounded and subrounded gravel, loose, moist to wet	No odor
21.3+	Bedrock?							BEDROCK?	Top of bedrock determined through observation during drilling

NBH BORING LOG

JACOBS		Boring ID No: ASB-5	Sheet: 1 Of: 1
		Date/Time Started: 7/14/12 1030	Date/Time Compl: 7/14/12 1340
	Project Name: New Bedford Aerovox Boring	Borehole Dia: 5.5"	
	Project Number: W91WJ-09-D-0001, TO 0010	Drill Type: Mini-Sonic	
	Location: New Bedford, Massachusetts	Drill Rig and Model: 200C No. 01636	
Coordinates: N: 2706757.73	E: 815595.58	Sampling Tool: 4.5" Core Barrel	
Ground Elevation: -5.7 ft NGVD		Drilling Company: Boart Longyear	
Depth to Sediment Interface: 4.7 ft		Name of Driller: Kevin Smith	
Tideboard Reading: -1.0 ft NGVD		Geologist: Don Melcher, Mike Morris	
Total Depth of Boring: 21.7 ft		Hammer Weight/Drop: N/A	PID: Multi Rae 1114679

LOWER DEPTH (ft)	STRATIGRAPHY	UNIT	SAMPLE ID OR CONTROL NO.	SAMPLE COLL TIME (24 hr)	PID (ppm)	USCS CLASS.	LITHOLOGY	DESCRIPTION OF MATERIALS (MAJOR LITHOLOGY Secondary Components, color, grain size, sorting, grain shape, other lithologic components, sedimentary structures/bedding, consistency or relative density and moisture)	REMARKS
3.9	Marine		S-12L-B005-0.5-1.0	1045	1.5	OL	ORGANIC SILT	ORGANIC SILT: 2.5Y 2.5/1 black, silt, some fine sand, little medium sand, some clay, soft to very soft, moist to wet	Petroleum odor, slight sheen @ 0.10 ft
5.9			S-12L-B005-4.0-4.5	1045	0.0	ML	SILT	SILT: 5Y 5/1 gray, silt, some fine sand, some clay, stiff, dry to moist	Some of the structure is almost platy, H_2S odor
8.4	Glacial Outwash		S-12L-B005-6.0-6.5 S-12L-B005-7.5-8.0	1100 1100	0.0	SW-SM	SAND WITH SILT AND GRAVEL	WELL GRADED SAND WITH SILT AND GRAVEL: 5Y 5/1 gray, coarse sand, some medium sand, little rounded gravels, little fine sand, little silt, loose, wet	No odor
10.0								NO RECOVERY	
12.0			S-12L-B005-10.5-11.0	1210	0.0	SP	SAND	POORLY GRADED SAND: 5Y 5/1 gray, medium sand, little coarse sand, some fine sand, trace silt, trace rounded gravels, loose, moist	No odor
15.9			S-12L-B005-15.2-15.7	1240	0.0	SW-SM	SAND WITH SILT AND GRAVEL	WELL GRADED SAND WITH SILT AND GRAVEL: 5Y 4/1 dark gray, coarse sand, some medium sand, little fine sand, little silt, some rounded gravels, loose, moist to wet	Gravels look polished. No odor
17.6	Glacial Till		S-12L-B005-16.5-17.0	1240	0.0	ML	SILT WITH SAND	SILT WITH SAND: 5Y 5/1 gray, silt, little medium sand, little fine sand, trace clay, soft, moist	No odor, represent lithologic discontinuity
18.0								ROCK	Core drilled through a rock.
18.9			S-12L-B005-18.0-18.5	1240	0.0	ML	SILT WITH SAND	SILT WITH SAND: 10Y 6/1 greenish gray, fine sand, little medium sand, trace clay, trace angular gravels, loose, moist to wet	Many fine pores (almost "fluffy"), no odor, reducing conditions
20.0			S-12L-B005-19.0-19.5	1240	0.0	SW	SAND	WELL GRADED SAND; 5Y 6/1 greenish gray, coarse sand, some medium sand, little fine sand, trace silt, loose, moist	No odor
20.7								ROCK	Rig drilled through two large cobbles
21.7			S-12L-B005-21.0-21.5	1320	0.0	CL-ML	SILTY CLAY	SILTY CLAY: N 6/1 gray, clay, some silt, trace angular gravels, stiff, moist to wet	Common medium pores (almost "fluffy")
21.7+	Bedrock?							BEDROCK?	Top of bedrock inferred in field based on drilling

NBH BORING LOG

JACOBS		Boring ID No: ASB-6	Sheet: 1 Of: 1
		Date/Time Started: 7/16/12 0745	Date/Time Compl: 7/16/12 1010
	Project Name: New Bedford Aerovox Boring	Borehole Dia: 5.5"	
	Project Number: W91WJ-09-D-0001, TO 0010	Drill Type: Mini-Sonic	
	Location: New Bedford, Massachusetts	Drill Rig and Model: 200C No. 01636	
Coordinates: N: 2706684.66	E: 815568.76	Sampling Tool: 4.5" Core Barrel	
Ground Elevation: -4.4 ft NGVD		Drilling Company: Boart Longyear	
Depth to Sediment Interface: 6.6 ft		Name of Driller: Kevin Smith	
Tideboard Reading: 2.2 ft NGVD		Geologist: Don Melcher, Mike Morris	
Total Depth of Boring: 32.5 ft		Hammer Weight/Drop: N/A	PID: Multi Rae 1114679

LOWER DEPTH (ft)	STRATIGRAPHY	UNIT	SAMPLE ID OR CONTROL NO.	SAMPLE COLL TIME (24 hr)	PID (ppm)	USCS CLASS.	LITHOLOGY	DESCRIPTION OF MATERIALS (MAJOR LITHOLOGY Secondary Components, color, grain size, sorting, grain shape, other lithologic components, sedimentary structures/bedding, consistency or relative density and moisture)	REMARKS
0.5	Marine		S-12L-B006-0-0.5	0810	0.0	OL	ORGANIC SILT	ORGANIC SILT: 2.5Y 2.5/1 black, silt, little clay, few fine sand, trace medium sand, trace angular granules, very soft, wet	Petroleum odor, trace pieces of asphalt in matrix
2.4			S-12L-B006-1.0-1.5	0810	0.0	ML	SILT	SILT WITH GRAVEL: 2.5Y 3/1 very dark gray, silt, trace clay, little fine sand, little angular gravels and granules, soft, moist	Petroleum odor, found remnants of firecracker plastic from 1.2-1.6 ft below surface
4.2			S-12L-B006-3.0-3.5	0810	0.0	SP	SAND	POORLY GRADED SAND: 5/Y 5/2 olive gray, fine sand, trace medium sand, little silt, trace clay, medium dense, moist	H_2S odor, could be some lamination, but more likely result of pushing by rig.
5.0								NO RECOVERY	
8.9			S-12L-B006-6.5-7.0	0825	0.0	SP	SAND	POORLY GRADED SAND: 5Y 4/1 dark gray, fine sand, few silt, trace clay, medium dense, moist	Slight H_2S odor, few thin silt inclusions between ped faces
12.7			S-12L-B006-8.0-8.5 S-12L-B006-10.5-11.0	0825 0840	0.0	SP	SAND	POORLY GRADED SAND, 5Y 5/1 gray, fine sand, trace medium sand, some silt, trace clay, medium dense, moist	No odor, wet between some of the pore spaces
15.9			S-12L-B006-13.0-13.5	0840	0.0	SP	SAND WITH GRAVEL	POORLY GRADED SAND WITH GRAVEL: 5Y 5/1 gray, medium sand, trace coarse sand, some fine sand, few silt, trace clay, little rounded and subrounded gravel, medium dense, moist	No odor
17.0	Glacial Outwash		S-12L-B006-16.5-17.0	0850	0.0	SW-SM	SAND WITH SILT AND GRAVEL	WELL GRADED SAND WITH SILT: 5Y 5/1 gray and 7.5YR 4/6 strong brown, medium sand, some fine sand, some silt, trace clay, little rounded gravels, medium dense, moist	No odor, reddish material (7.5YR 4/6 strong brown) forms vertical veins through low chroma material (5Y 5/1 gray), neither color is dominant over the other, evidence of redox conditions in this unit, obvious signs of weathering
20.0								NO RECOVERY	
22.8			S-12L-B006-21.0-21.5	0910	0.0	SW	SAND WITH GRAVEL	WELL GRADED SAND WITH GRAVEL: 10YR 4/2 dark grayish brown, coarse sand, some medium sand, few fine sand, trace silt, little rounded and subrounded gravels, loose, moist	No odor
23.7			S-12L-B006-23.0-23.5	0910	0.0	ML	SANDY SILT WITH GRAVEL	SANDY SILT WITH GRAVEL: 10YR 4/3 brown, silt, some medium sand, little rounded and subrounded gravels and cobbles, soft, moist	No odor
25.0								NO RECOVERY	
27.0			S-12L-B006-26.0-26.5	0950	0.0	SW	SAND	WELL GRADED SAND: 10YR 4/3 brown, medium sand, little fine sand, little coarse sand, trace silt, loose, moist	No odor, note on core barrel says "packed by hand," core looks jumbled and homogeneous
27.9			S-12L-B006-27.0-27.5	0950	0.0	SW-SM	SAND WITH SILT AND GRAVEL	WELL GRADED SAND WITH SILT AND GRAVEL: 2.5Y 4/2 dark grayish brown, medium sand, little fine sand, some silt, trace clay, trace coarse sand, little rounded and subrounded gravel, medium dense, moist	No odor
32.0	Glacial Till		S-12L-B006-28.5-29.0 S-12L-B006-31.0-31.5	0950 1010	0.0	CL-ML	SILTY CLAY WITH GRAVEL	SILTY CLAY WITH GRAVEL: 5Y 4/2 olive gray, clay, some silt, little angular gravels, trace fine sand, stiff, moist	No odor, probably glacial
32.0+	Bedrock?							BEDROCK?	Top of bedrock determined based on drilling

NBH BORING LOG

JACOBS		Boring ID No: ASB-7	Sheet: 1 Of: 1
		Date/Time Started: 7/12/12 1355	Date/Time Compl: 7/14/12 1640
Project Name: New Bedford Aerovox Boring		Borehole Dia: 5.5"	
Project Number: W91WJ-09-D-0001, TO 0010		Drill Type: Mini-Sonic	
Location: New Bedford, Massachusetts		Drill Rig and Model: 200C No. 01636	
Coordinates: N: 2706641.93	E: 815537.18	Sampling Tool: 4.5" Core Barrel	
Ground Elevation: -2.0 ft NGVD		Drilling Company: Boart Longyear	
Depth to Sediment Interface: 2.6 ft		Name of Driller: Kevin Smith	
Tideboard Reading: 0.6 ft NGVD		Geologist: Don Melcher, Mike Morris	
Total Depth of Boring: 36.2 ft		Hammer Weight/Drop: N/A	PID: Multi Rae 1114679

LOWER DEPTH (ft)	STRATIGRAPHY	UNIT	SAMPLE ID OR CONTROL NO.	SAMPLE COLL TIME (24 hr)	PID (ppm)	USCS CLASS.	LITHOLOGY	DESCRIPTION OF MATERIALS (MAJOR LITHOLOGY Secondary Components, color, grain size, sorting, grain shape, other lithologic components, sedimentary structures/bedding, consistency or relative density and moisture)	REMARKS
0.5	Fill				0.0	GW	GRAVEL WITH SAND	WELL GRADED GRAVEL WITH SAND: 5Y 3/1 very dark gray, rounded and angular gravel, little coarse sand, little medium sand, few fine sand, trace silt, very loose, moist	Heavy tar odor
1.5	Marine		S-12L-B007-0.5-1.0	1410	0.0	ML	SILT	SILT: 2.5Y 3/1 very dark gray, silt, few fine sand, little clay, soft, moist	Slight petroleum odor, weak coarse subangular blocky structure with liquid channels
3.6	Peat		S-12L-B007-1.5-2.0 S-12L-B007-2.5-3.0	1410	0.0	Pt	PEAT	PEAT: 10YR 3/3 dark brown, peat fibers, wet	Decay odor
4.8	Glacial Outwash				0.0	SM	SILTY SAND WITH GRAVEL	SILTY SAND WITH GRAVEL: 5Y 3/2 dark olive gray, fine sand, some silt, trace clay, little rounded gravel, soft, moist	Slight petroleum odor
6.1			S-12L-B007-5.0-5.5	1430	0.0	SW	SAND WITH GRAVEL	WELL GRADED SAND WITH GRAVEL: 2.5Y 3/1 very dark gray, medium sand, little coarse sand, little fine sand, few silt, little rounded gravels, loose, moist	Gravels are polished to a sheen, no odor
9.0								NO RECOVERY	
11.2			S-12L-B007-10.0-10.5	1445	0.0	SW-SM	SAND WITH SILT AND GRAVEL	WELL GRADED SAND WITH SILT AND GRAVEL: 5Y 4/1 dark gray, medium sand, little coarse sand, little fine sand, few silt, trace rounded to subrounded gravels, medium dense, moist	No odor
14.0								NO RECOVERY	
15.3			S-12L-B007-14.5-15.0	1500	0.0	SW	SAND WITH GRAVEL	WELL GRADED SAND WITH GRAVEL: 5Y 5/1 gray, fine sand, trace medium sand, little rounded gravels, loose, moist	No odor
16.7			S-12L-B007-15.5-16.0	1500	0.0	SW	SAND WITH GRAVEL	WELL GRADED SAND WITH GRAVEL: 10YR 4/3 brown, medium sand, little coarse sand, little fine sand, few silt, trace clay, moist	Pockets of finer material (silt loam) in unit. Mottles of 7.5YR 5/6 strong brown (oxidized) and 5Y 3/1 very dark gray (reduced) on the outside of the red peds, no odor, pocket of manganese nodules in bottom of core
19.0								NO RECOVERY	
20.4			S-12L-B007-19.5-20.0	1520	0.0	SW	SAND WITH GRAVEL	WELL GRADED SAND WITH GRAVEL: 5Y 5/2 olive gray, coarse sand, little medium sand, few fine sand, trace silt, little rounded gravels, loose, moist	No odor
21.9	Glacial Till		S-12L-B007-20.5-21.0	1520	0.0	SP-SM	SAND WITH SILT AND GRAVEL	POORLY GRADED SAND WITH SILT AND GRAVEL: 5Y 4/2 olive gray, fine sand, little silt, trace clay, little angular and subangular gravels, medium dense, moist	No odor, glacial, many rounded gravels look cracked (no sign of heating)
29.0								NO RECOVERY	
31.3			S-12L-B007-30.0-30.5	1605	0.0	SW-SM	SAND WITH SILT AND GRAVEL	WELL GRADED SAND WITH SILT AND GRAVEL: 5Y 5/1 gray, medium sand, little coarse sand, little fine sand, few silt, little rounded gravel, loose, moist	No odor
32.6					0.0	SM	SILTY SAND	SILTY SAND: 5Y 5/1 gray, fine sand, little medium sand, little angular and subangular gravels, trace clay, firm, moist	No odor, mottles of 5Y 4/4 olive, glacial?
35.4			S-12L-B007-32.5-33.0 S-12L-B007-34.5-35.0	1605	0.0	SW	SAND WITH GRAVEL	WELL GRADED SAND WITH GRAVEL, medium sand, little coarse sand, little fine sand, few silt, little subrounded and subangular gravels, moist	No odor
36.2+	Bedrock							BEDROCK	Mafic gabbro

NBH BORING LOG

JACOBS		Boring ID No: ASB-8	Sheet: 1 Of: 1
		Date/Time Started: 7/17/12 0815	Date/Time Compl: 7/17/12 0955
	Project Name: New Bedford Aerovox Boring	Borehole Dia: 5.5"	
	Project Number: W91WJ-09-D-0001, TO 0010	Drill Type: Mini-Sonic	
	Location: New Bedford, Massachusetts	Drill Rig and Model: 200C No. 01636	
Coordinates: N: 2707062.44	E: 815748.31	Sampling Tool: 4.5" Core Barrel	
Ground Elevation: -4.7 ft NGVD		Drilling Company: Boart Longyear	
Depth to Sediment Interface: 7.0 ft		Name of Driller: Kevin Smith	
Tideboard Reading: 2.3 ft NGVD		Geologist: Don Melcher, Mike Morris	
Total Depth of Boring: 23.5 ft		Hammer Weight/Drop: N/A	PID: Multi Rae 1114679

LOWER DEPTH (ft)	STRATIGRAPHY	UNIT	SAMPLE ID OR CONTROL NO.	SAMPLE COLL TIME (24 hr)	PID (ppm)	USCS CLASS.	LITHOLOGY	DESCRIPTION OF MATERIALS (MAJOR LITHOLOGY Secondary Components, color, grain size, sorting, grain shape, other lithologic components, sedimentary structures/bedding, consistency or relative density and moisture)	REMARKS
1.3	Marine		S-12L-B008-0.5-1.0	0815	58.7	ML	SILT	SILT: 2.5Y 3/1 very dark gray, silt, some clay, trace fine sand, soft, moist	Burnt rubber odor
8.8			S-12L-B008-1.5-2.0 S-12L-B008-3.0-3.5 S-12L-B008-6.0-6.5 S-12L-B008-7.5-8.0	0815 0815 0830 0830	58.7 94.6 350 163	ML	SILT WITH CLAY	SILT: 2.5Y 3/2 very dark grayish brown, silt, some clay, trace fine sand, soft, moist	Burnt rubber odor, break core open and see macropores or channels coming from top strata, channels had elevated PID readings, maybe contaminants in the surface are working their way down into the subsurface, a shiny opalescent liquid is flowing through the strata, coarse sand in bottom of unit may indicate lithologic discontinuity
10.0	Glacial Outwash							NO RECOVERY	
12.5			S-12L-B008-11.0-11.5	0855	0.0	SW-SM	SAND WITH SILT	WELL GRADED SAND WITH SILT: 5Y 5/1 gray, medium sand, some coarse sand, little fine sand, little silt, trace rounded gravels, loose, moist	Sickening sweet odor
15.0								NO RECOVERY	
16.6					0.0	SW-SM	SAND WITH SILT	WELL GRADED SAND WITH SILT: 5Y 5/1 gray, medium sand, some coarse sand, little fine sand, little silt, trace rounded gravels, loose, moist	
17.7			S-12L-B008-16.5-17.0	0925	0.0	SW-SM	SAND WITH SILT	WELL GRADED SAND WITH SILT: 10YR 4/4 dark yellowish brown, coarse sand, some medium sand, little fine sand, little silt, little rounded gravels, firm, moist	Little odor, weak iron coatings on grains of sand and gravel
20.0								NO RECOVERY	
22.1			S-12L-B008-21.0-21.5	0955	0.0	SP-SM	SAND WITH SILT	POORLY GRADED SAND WITH SILT: 2.5Y 5/2 grayish brown, fine sand, little silt, trace medium sand, medium dense, moist	No odor
22.8	Glacial Till		S-12L-B008-22.2-22.7	0955	0.0	ML	SILT WITH GRAVEL	SILT WITH GRAVEL: 5Y 4/2 olive gray, silt, little clay, trace fine sand, little angular gravels, firm, moist	No odor, glacial
23.5								NO RECOVERY	
23.5+	Bedrock							BEDROCK	Top of bedrock inferred through drilling observations

NBH BORING LOG

JACOBS		Boring ID No: ASB-9	Sheet: 1 Of: 1
		Date/Time Started: 7/16/12 1650	Date/Time Compl: 7/16/12 1830
	Project Name: New Bedford Aerovox Boring	Borehole Dia: 5.5"	
	Project Number: W91WJ-09-D-0001, TO 0010	Drill Type: Mini-Sonic	
	Location: New Bedford, Massachusetts	Drill Rig and Model: 200C No. 01636	
Coordinates: N: 2706910.37	E: 815712.93	Sampling Tool: 4.5" Core Barrel	
Ground Elevation: -7.0 ft NGVD		Drilling Company: Boart Longyear	
Depth to Sediment Interface: 8.8 ft		Name of Driller: Kevin Smith	
Tideboard Reading: 1.8 ft NGVD		Geologist: Don Melcher, Mike Morris	
Total Depth of Boring: 22.9 ft		Hammer Weight/Drop: N/A	PID: Multi Rae 1114679

LOWER DEPTH (ft)	STRATIGRAPHY	UNIT	SAMPLE ID OR CONTROL NO.	SAMPLE COLL TIME (24 hr)	PID (ppm)	USCS CLASS.	LITHOLOGY	DESCRIPTION OF MATERIALS (MAJOR LITHOLOGY Secondary Components, color, grain size, sorting, grain shape, other lithologic components, sedimentary structures/bedding, consistency or relative density and moisture)	REMARKS
2.1	Marine		S-12L-B009-0.5-1.0 S-12L-B009-1.5-2.0	1650 1650	0.0	OL	ORGANIC SILT WITH PEAT	ORGANIC SILT WITH PEAT: 2.5Y 2.5/1 black, silt, little clay, trace fine sand, little peat, very soft, moist to wet	Petroleum odor
5.1					0.0	SP-SM	SAND WITH SILT	POORLY GRADED SAND WITH SILT: 2.5Y 3/1 very dark gray, fine sand, some silt, trace clay, trace medium sand, loose, moist	Petroleum odor
6.7			S-12L-B009-5.5-6.0	1710	0.0	SW-SM	SAND WITH SILT	WELL GRADED SAND WITH SILT: 2.5Y 4/1 dark gray, medium sand, little coarse sand, little fine sand, little silt, trace rounded gravels, medium dense, moist	No odor
8.5								NO RECOVERY	
10.1			S-12L-B009-9.2-9.7	1730	0.0	SW	SAND	WELL GRADED SAND: 5Y 4/1 dark gray, medium sand, little fine sand, little coarse sand, trace silt, medium dense, moist	Slight H_2S odor
11.0	Glacial Outwash		S-12L-B009-10.3-10.8	1730	0.0	SW-SM	SAND WITH SILT	WELL GRADED SAND WITH SILT: 5Y 3/1 very dark gray, fine sand, some silt, trace medium sand, little rounded gravels, medium dense, moist	Slight H_2S odor, common faint mottles of 5Y 4/1 dark gray fingers down into section, looks reduced
13.5								NO RECOVERY	
16.5			S-12L-B009-15.0-15.5	1745	0.0	SW-SM	SAND WITH SILT	WELL GRADED SAND WITH SILT: 5Y 4/2 olive gray, coarse sand, some medium sand, little fine sand, little silt, trace rounded gravels, medium dense, moist	No odor
18.5								NO RECOVERY	
20.7			S-12L-B009-19.0-19.5	1810	0.0	SW	SAND WITH GRAVEL	WELL GRADED SAND WITH GRAVEL: 5Y 4/2 olive gray, medium sand, some coarse sand, some fine sand, trace silt, little rounded gravels, medium dense, moist	No odor
22.6	Glacial Till		S-12L-B009-21.5-22.0	1810	0.0	CL	SANDY CLAY WITH GRAVEL	SANDY LEAN CLAY WITH GRAVEL: 5Y 5/3 olive, clay, little fine sand, little silt, trace medium sand, trace angular gravels and granules, stiff, moist	No odor, glacial
22.9+	Bedrock							BEDROCK	Gabbro?

Page 1 of 1

NBH BORING LOG

JACOBS

Project Name: New Bedford Aerovox Boring		Boring ID No: ASB-10	Sheet: 1 Of: 1
Project Number: W91WJ-09-D-0001, TO 0010		Date/Time Started: 7/17/12 1045	Date/Time Compl: 7/17/12 1400
Location: New Bedford, Massachusetts		Borehole Dia: 5.5"	
Coordinates: N: 2706795.1	E: 815731.93	Drill Type: Mini-Sonic	
Ground Elevation: -7.2 ft NGVD		Drill Rig and Model: 200C No. 01636	
Depth to Sediment Interface: 7.8 ft		Sampling Tool: 4.5" Core Barrel	
Tideboard Reading: 0.6 ft NGVD		Drilling Company: Boart Longyear	
Total Depth of Boring: 25.5 ft		Name of Driller: Kevin Smith	
		Geologist: Don Melcher, Mike Morris	
		Hammer Weight/Drop: N/A	PID: Multi Rae 1114679

LOWER DEPTH (ft)	STRATIGRAPHY	UNIT	SAMPLE ID OR CONTROL NO.	SAMPLE COLL TIME (24 hr)	PID (ppm)	USCS CLASS.	LITHOLOGY	DESCRIPTION OF MATERIALS (MAJOR LITHOLOGY Secondary Components, color, grain size, sorting, grain shape, other lithologic components, sedimentary structures/bedding, consistency or relative density and moisture)	REMARKS
0.7	Marine		S-12L-B010-0.2-0.7	1050	0.0	OL	ORGANIC SILT	ORGANIC SILT: 2.5Y 2.5/1 black, silt, trace fine sand, trace medium sand, little clay, very soft, moist to wet	Petroleum odor, soupy
3.2			S-12L-B010-1.0-1.5 S-12L-B010-2.5-3.0	1050 1050	0.0	ML	PEATY SILT	PEATY SILT: 2.5Y 3/2 very dark grayish brown, silt, trace fine sand, little clay, some peat fibers, soft, moist	Burnt rubber odor
3.5					0.0	ML	GRAVELLY SILT WITH SAND	GRAVELLY SILT WITH SAND: 2.5Y 3/2 very dark grayish brown, silt, little coarse sand, little medium sand, little clay, little rounded gravels, soft, moist	Slight burnt rubber odor
7.7	Glacial Outwash		S-12L-B010-4.0-4.5 S-12L-B010-6.5-7.0	1120 1120	0.0	SW-SM	SAND WITH SILT	WELL GRADED SAND WITH SILT: 5Y 4/1 dark gray, medium sand, little coarse sand, little fine sand, little silt, loose, moist	Slightly sweet odor
8.5								NO RECOVERY	
8.8					0.0	GW	GRAVEL	WELL GRADED GRAVEL: 5Y 4/1 dark gray, rounded to subrounded gravel, little fine sand, few silt, trace clay, moist	No odor
10.0			S-12L-B010-9.0-9.5	1135	0.0	SW	SAND WITH GRAVEL	WELL GRADED SAND WITH GRAVEL: 5Y 4/1 dark gray, coarse sand, some rounded gravels, little medium sand, little fine sand, few silt, medium dense, moist	No odor
11.6			S-12L-B010-11.0-11.5	1135	0.0	SW-SM	SAND WITH SILT	WELL GRADED SAND WITH SILT: 5Y 4/1 dark gray, medium sand, little coarse sand, little fine sand, few silt, loose, moist to wet	No odor
13.5								NO RECOVERY	
15.1			S-12L-B010-14.0-14.5	1220	0.0	SW-SM	SAND WITH SILT	WELL GRADED SAND WITH SILT: 5Y 4/1 dark gray, medium sand, little coarse sand, little fine sand, few silt, loose, moist to wet	No odor
16.8			S-12L-B010-15.8-16.3	1220	0.0	SW-SM	SAND WITH SILT	WELL GRADED SAND WITH SILT: 5Y 4/1 dark gray, medium sand, little coarse sand, little fine sand, few silt, little rounded and subrounded gravels, loose, moist to wet	No odor, gravels are highly polished
18.5								NO RECOVERY	
19.7	Glacial Till				0.0	CL	SANDY CLAY	SANDY LEAN CLAY: 5Y 5/1 gray, clay, little coarse sand, few medium sand, little fine sand, little silt, few angular gravels, stiff, moist	No odor, two rounded cobbles in matrix
21.0			S-12L-B010-20.0-20.5	1300	0.0	CL-ML	SILTY CLAY	SILTY CLAY: 5Y 5/1 gray and 2.5Y 6/3 light yellowish brown, clay, some silt, little fine sand, few angular gravels, stiff, moist	5Y 5/1 material is silty and 2.5Y 6/3 material is clayey, thinly bedded, laminated, possible varves?
22.6			S-12L-B010-21.5-22.0	1300	0.0	ML	SILT WITH SAND	GRAVELLY SILT WITH SAND: 2.5Y 5/2 grayish brown, silt, little coarse sand, little clay, little angular gravel, stiff, moist	No odor, glacial
23.5			S-12L-B010-22.7-23.2	1300	0.0	ML	SILT WITH GRAVEL	SILT WITH GRAVEL: 5Y 6/1 gray, 5Y 8/1 white (low chroma mottles), 2.5Y 6/6 olive yellow (oxidized mottles), silt, some angular gravel, very stiff, dry	Torn between a rotten bedrock saprolite and a silt pan (fragipan), seems to have characteristic of both, no odor, bedrock is relatively close, low chroma/high chroma mottles indicate water movement through unit, very dense
24.2					0.0	SW	SAND	WELL GRADED SAND: 2.5Y 5/1 gray, medium sand, little coarse sand, little fine sand, trace silt, loose, moist	No odor
24.9+	Bedrock							BEDROCK	Highly fractured bedrock, manganese coatings on fracture faces, wet

NBH BORING LOG

JACOBS		Boring ID No: ASB-11	Sheet: 1 Of: 1
		Date/Time Started: 7/17/12 1530	Date/Time Compl: 7/17/12 1715
	Project Name: New Bedford Aerovox Boring	Borehole Dia: 5.5"	
	Project Number: W91WJ-09-D-0001, TO 0010	Drill Type: Mini-Sonic	
	Location: New Bedford, Massachusetts	Drill Rig and Model: 200C No. 01636	
Coordinates: N: 2706965.18	E: 815735.32	Sampling Tool: 4.5" Core Barrel	
Ground Elevation: -6.9 ft NGVD		Drilling Company: Boart Longyear	
Depth to Sediment Interface: 7.7 ft		Name of Driller: Kevin Smith	
Tideboard Reading: 0.8 ft NGVD		Geologist: Don Melcher, Mike Morris	
Total Depth of Boring: 26.5 ft		Hammer Weight/Drop: N/A	PID: Multi Rae 1114679

LOWER DEPTH (ft)	STRATIGRAPHY	UNIT	SAMPLE ID OR CONTROL NO.	SAMPLE COLL TIME (24 hr)	PID (ppm)	USCS CLASS.	LITHOLOGY	DESCRIPTION OF MATERIALS (MAJOR LITHOLOGY Secondary Components, color, grain size, sorting, grain shape, other lithologic components, sedimentary structures/bedding, consistency or relative density and moisture)	REMARKS
0.9	Marine		S-12L-B011-0.2-0.7	1530	0.2	OL	ORGANIC SILT	ORGANIC SILT: 2.5Y 2.5/1 black, silt, little fine sand, trace clay, very soft, wet	Petroleum odor, soupy
1.5					0.2	SM	SILTY SAND	SILTY SAND: 2.5Y 3/1 very dark gray, fine sand, little medium sand, trace rounded gravels, little silt, trace clay, soft, moist	Petroleum odor
3.0			S-12L-B011-2.0-2.5	1530	0.0	SM	SILTY SAND	SILTY SAND: 2.5Y 3/2 very dark grayish brown, fine sand, little medium sand, trace rounded gravels, little silt, trace clay, medium dense, moist to wet	Slight petroleum odor
4.7			S-12L-B011-3.5-4.0	1545	0.0	SW-SM	SAND WITH SILT	WELL GRADED SAND WITH SILT: 2.5Y 4/1 dark gray, medium sand, little fine sand, little coarse sand, few silt, loose, moist	Slight sweet odor
8.0								NO RECOVERY	
9.8	Glacial Outwash		S-12L-B011-8.5-9.0	1600	0.0	SW-SM	SAND WITH SILT	WELL GRADED SAND WITH SILT: 5Y 4/1 dark gray, medium sand, little fine sand, little coarse sand, trace rounded granules, little silt, loose, moist	No odor
13.0								NO RECOVERY	
14.2			S-12L-B011-13.5-14.0	1630	0.0	SP	SAND	POORLY GRADED SAND: 10YR 5/4 yellowish brown, fine sand, trace medium sand, trace silt, medium dense, moist	No odor, well sorted, looks partially oxidized
17.5			S-12L-B011-16.0-16.5	1630	0.0	SW-SM	SAND WITH SILT	WELL GRADED SAND WITH SILT: 2.5Y 5/3 light olive brown, coarse sand, little fine sand, little medium sand, little silt, medium dense, moist	No odor, very few flecks of MnO_2 nodules
18.0								NO RECOVERY	
19.9	Glacial Till		S-12L-B011-18.5-19.0	1700	0.0	SM	SILTY SAND WITH GRAVEL	SILTY SAND WITH GRAVEL: 5Y 5/2 olive gray, medium sand, little coarse sand, little fine sand, little angular to subangular gravels and cobbes, little silt, trace clay, loose, moist	Common medium pores (fluffy), no odor
21.3			S-12L-B011-20.0-20.5	1700	0.0	SM	SILTY SAND	SILTY SAND: 10YR 4/3 brown with common mottles of 7.5YR 4/3 brown, medium sand, little silt, little clay, little angular gravels, medium dense, moist	No odor, looks like a buried A horizon
23.6			S-12L-B011-21.5-22.0 S-12L-B011-22.0-22.5	1700 1715	0.0	CL	GRAVELLY CLAY	GRAVELLY LEAN CLAY: 2.5Y 5/1 gray with common mottles of 10YR 5/6 yellowish brown, clay, little silt, little angular gravels, very stiff, moist to dry	No odor, 10YR 5/6 yellowish brown mottles from weathered gravels
25.4					0.0	SC	CLAYEY SAND WITH GRAVEL	CLAYEY SAND WITH GRAVEL: 5Y 4/2 olive gray, coarse sand, little medium sand, little fine sand, little silt, little clay, little angular gravels, firm, moist to wet	No odor, 5G 5/1 greenish gray mottles
26.1	Bedrock		S-12L-B011-25.5-26.0	1715	0.0	ML	SILT WITH GRAVEL	SILT WITH GRAVEL: 5Y 5/1 gray, silt, trace clay, some angular gravel, stiff, dry	No odor, potentially saprolite
26.5								BEDROCK	Bedrock inferred from drilling observations

NBH BORING LOG

JACOBS		Boring ID No: ASB-12	Sheet: 1 Of: 1
		Date/Time Started: 7/18/12 0745	Date/Time Compl: 7/18/12 0930
	Project Name: New Bedford Aerovox Boring	Borehole Dia: 5.5"	
	Project Number: W91WJ-09-D-0001, TO 0010	Drill Type: Mini-Sonic	
	Location: New Bedford, Massachusetts	Drill Rig and Model: 200C No. 01636	
Coordinates: N: 2706922.14	E: 815658.20	Sampling Tool: 4.5" Core Barrel	
Ground Elevation: -4.2 ft NGVD		Drilling Company: Boart Longyear	
Depth to Sediment Interface: 7.0 ft		Name of Driller: Kevin Smith	
Tideboard Reading: 2.8 ft NGVD		Geologist: Don Melcher, Mike Morris	
Total Depth of Boring: 22.5 ft		Hammer Weight/Drop: N/A	PID: Multi Rae 1114679

LOWER DEPTH (ft)	STRATIGRAPHY	UNIT	SAMPLE ID OR CONTROL NO.	SAMPLE COLL TIME (24 hr)	PID (ppm)	USCS CLASS.	LITHOLOGY	DESCRIPTION OF MATERIALS (MAJOR LITHOLOGY Secondary Components, color, grain size, sorting, grain shape, other lithologic components, sedimentary structures/bedding, consistency or relative density and moisture)	REMARKS
0.3	Marine				2.7	OL	ORGANIC SILT	ORGANIC SILT: 2.5Y 2.5/1 black, silt, little fine sand, trace clay, very soft, wet	Petroleum odor, soupy consistence
1.5			S-12L-B012-1.0-1.5	0755	2.7	ML	SILT	SILT: 2.5Y 3/1 very dark gray, silt, little fine sand, little clay, soft, moist	Petroleum odor, shell hash at 0.9-1.1 ft
3.2	Peat		S-12L-B012-2.0-2.5 S-12L-B012-2.5-3.0	0755 0755	2.7	Pt	PEAT	PEAT: 2.5Y 3/2 very dark grayish brown, peat fibers, wet	Petroleum and rot odor
5.9	Glacial Outwash		S-12L-B0012-4.0-4.5	0755	0.0	SM	SILTY SAND	SILTY SAND: 2.5Y 3/2 very dark brown grayish brown, fine sand, trace medium sand, trace rounded gravels, some silt, trace clay, loose, wet	Slight petroleum odor
7.0			S-12L-B012-6.0-6.5	0810	0.0	SM	SILTY SAND	SILTY SAND: 2.5Y 3/3 dark olive brown, medium sand, little fine sand, some silt, trace clay, medium dense, moist to wet	No odor
7.7			S-12L-B012-7.0-7.5	0810	0.0	SW-SM	SAND WITH SILT AND GRAVEL	WELL GRADED SAND WITH SILT AND GRAVEL: 2.5Y 4/2 dark grayish brown, medium sand, little fine sand, little rounded gravel, little silt, trace clay, loose, moist	No odor
10.0								NO RECOVERY	
11.6			S-12L-B012-10.5-11.0	0825	0.0	SW-SM	SAND WITH SILT	WELL GRADED SAND WITH SILT: 2.5Y4/1 dark gray, medium sand, little fine sand, few coarse sand, little silt, trace rounded gravel, loose, moist	No odor
12.8					0.0	SW-SM	SAND WITH SILT AND GRAVEL	WELL GRADED SAND WITH SILT AND GRAVEL: 5Y 4/1 dark gray, coarse sand, little medium sand, little fine sand, little silt, little rounded gravel, loose, moist	No odor, pocket of brownish fine sand at interface at 11.6 ft
14.6			S-12L-B012-13.5-14.0	0825	0.0	SW-SM	SAND WITH SILT AND GRAVEL	WELL GRADED SAND WITH SILT AND GRAVEL: 5Y 3/1 very dark gray with mottles of 5Y 5/4 olive, coarse sand, little medium sand, little fine sand, few silt, little rounded gravels, medium dense, moist	No odor, sandy mottle of 5Y 5/4 in middle of unit
15.0								NO RECOVERY	
16.7					0.0	SW-SM	SAND WITH SILT AND GRAVEL	WELL GRADED SAND WITH SILT AND GRAVEL: 5Y 3/1 very dark gray with mottles of 5Y 5/4 olive, coarse sand, little medium sand, little fine sand, few silt, little rounded gravels, medium dense, moist	No odor
17.5			S-12L-B012-17.0-17.5	0850	0.0	SW	SAND WITH GRAVEL	WELL GRADED SAND WITH GRAVEL: 10YR 4/6 dark yellowish brown, coarse sand, little medium sand, little fine sand, few silt, little rounded gravels, medium dense, moist	No odor, iron oxide coatings on sand grains, evidence of oxidizing conditions
22.1	Glacial Till		S-12L-B012-18.5-19.0 S-12L-B012-21.0-21.5	0850 0930	0.0	CL	CLAY WITH GRAVEL	LEAN CLAY WITH GRAVEL: 5Y 5/3 olive and 5G 5/1 greenish gray, clay, few silt, few fine sand, little angular gravels, stiff, moist to wet	Some indication of lamellae (banding) in unit, no odor, more reduction in bottom of unit than in top
22.5+	Bedrock							BEDROCK	

APPENDIX C. LIST OF ANALYTICAL COMPOUNDS

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Below is the QAPP specified Target Compound List (TCL) for PCB Aroclors (Woods Hole Group, 2012b).

Polychlorinated Biphenyls (PCB)
Aroclor 1016
Aroclor 1221
Aroclor 1232
Aroclor 1242
Aroclor 1248
Aroclor 1254
Aroclor 1260
Aroclor 1262
Aroclor 1268

Below is the QAPP specified Target Compound List (TCL) for Semi-Volatile Organic Compounds (SVOC) (Woods Hole Group, 2012b).

Semi-Volatile Organic Compounds (SVOC)	
1,1'-Biphenyl	Benzo(b)fluoranthene
1,2,4,5-Tetrachlorobenzene	Benzo(g,h,i)perylene
2,3,4,6-Tetrachlorophenol	Benzo(k)fluoranthene
2,4,5-Trichlorophenol	bis(2-Chloroethoxy)methane
2,4,6-Trichlorophenol	bis(2-Chloroethyl)ether
2,4-Dichlorophenol	bis(2-Chloroisopropyl)ether (2,2'-oxybis(1-Chloropropane))
2,4-Dimethylphenol	bis(2-Ethylhexyl)phthalate (BEHP)
2,4-Dinitrophenol	Butylbenzylphthalate
2,4-Dinitrotoluene	Caprolactum
2,6-Dinitrotoluene	Carbazole
2-Chloronaphthalene	Chrysene
2-Chlorophenol	Dibenzo(a,h)anthracene
2-Methylnaphthalene	Dibenzofuran
2-Methylphenol	Diethylphthalate
2-Nitroaniline	Dimethylphthalate
2-Nitrophenol	Di-n-butylphthalate
3,3'-Dichlorobenzidine	Di-n-octylphthalate
3-Nitroaniline	Fluoranthene
4,6-Dinitro-2-methylphenol	Fluorene
4-Bromophenyl phenyl ether	Hexachlorobenzene
4-Chloro-3-methylphenol [p-Chloro-m-cresol]	Hexachlorobutadiene
4-Chloroaniline	Hexachlorocyclopentadiene
4-Chlorophenyl phenyl ether	Hexachloroethane
3-Methylphenol / 4-Methylphenol	Indeno(1,2,3-cd)pyrene[4]
4-Nitroaniline	Isophorone
4-Nitrophenol	Naphthalene
Acenaphthene[4]	Nitrobenzene
Acenaphthylene[4]	N-Nitroso-di-n-propylamine
Acetophenone	N-Nitrosodiphenylamine
Anthracene	Pentachlorophenol
Atrazine	Phenanthrene
Benzaldehyde	Phenol
Benzo(a)anthracene	Pyrene
Benzo(a)pyrene	

Below is the QAPP specified Target Compound List (TCL) for Volatile Organic Compounds (VOC) (Woods Hole Group, 2012b).

Volatile Organic Compounds (VOCs)	
1,1,1-Trichloroethane	Cyclohexane
1,1,2,2-Tetrachloroethane	DBCP (1,2-Dibromo-3-chloropropane)
1,1,2-Trichloroethane	Dibromochloromethane
1,1,2-Trichloro-1,2,2-trifluoroethane	Dichlorodifluoromethane
1,1-Dichloroethane	Ethylene dibromide (EDB or 1,2-Dibromoethane)
1,1-Dichloroethene	Ethylbenzene
1,2,3-Trichlorobenzene	Isopropylbenzene
1,2,4-Trichlorobenzene	Methyl Acetate
1,2-Dichlorobenzene	Methyl bromide (Bromomethane)
1,2-Dichloroethane	Methyl chloride (Chloromethane)
1,2-Dichloropropane	Methyl ethyl ketone (MEK or 2-Butanone)
1,3-Dichlorobenzene	Methyl isobutyl ketone (MIBK or 4-Methyl-2-pentanone)
1,4-Dichlorobenzene	Methyl tert-Butyl Ether (MTBE)
1,4-Dioxane	Methylcyclohexane
2-Hexanone	Methylene Chloride
Acetone	Styrene
Benzene	Tetrachloroethene
Bromochloromethane	Toluene
Bromodichloromethane	trans-1,2-Dichloroethene
Bromoform	trans-1,3-Dichloropropene
Carbon Disulfide	Trichloroethene
Carbon Tetrachloride	Trichlorofluoromethane
Chlorobenzene	Vinyl Chloride
Chloroethane	o-Xylene
Chloroform	m/p-Xylene
cis-1,2-Dichloroethene	Xylenes (total)
cis-1,3-Dichloropropene	

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APPENDIX D. ALPHA ANALYTICAL LABORATORIES REPORTS AND ANALYTICAL DATA

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APPENDIX E. DATA VALIDATION REPORTS AND WORKSHEETS

(See Electronic Attachment)

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FINAL REPORT

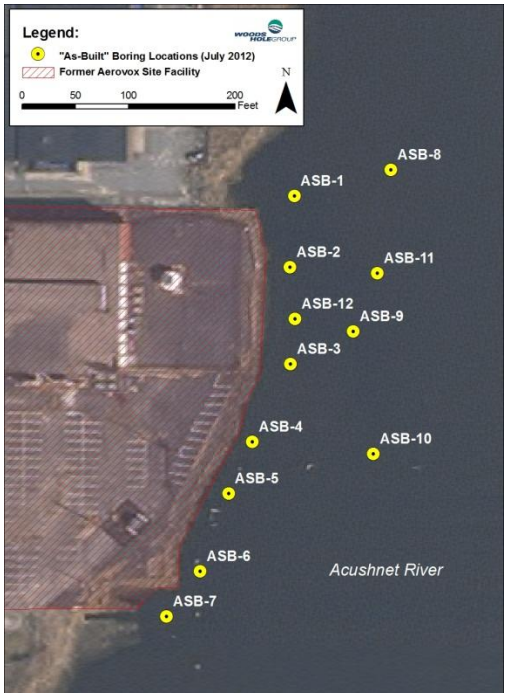
SEDIMENT BORING COLLECTION AND ANALYSIS OFF THE FORMER AEROVOX SITE PROPERTY SHORELINE, NEW BEDFORD, MA

APRIL 2013

NEW BEDFORD HARBOR SUPERFUND SITE, OU #1

Contract No. W912WJ-09-D-0001-0010-05

APPENDIX D



Prepared For:
United States Army Corps of Engineers
New England District
696 Virginia Road
Concord, MA 01742

Prepared By:
Woods Hole Group, Inc.
81 Technology Park Drive
East Falmouth, MA 02536

April 2013

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INTRODUCTION

Samples were analyzed at Alpha Analytical Laboratories. Upon receipt, samples were divided into sample delivery groups (SDGs), which were assigned a unique 7-digit number preceded by the letter L. One SDG typically consists of 20 samples, though they are not necessarily all from the same boring. Below is a table summarizing which boring IDs are associated with each SDG, as well as the analytes reported.

SDG	Corresponding Boring IDs	Analytes Reported
L1212506	ASB-1, ASB-2	VOCs (high), PCB Aroclors
L1212508	ASB-1, ASB-2	VOCs (low), SVOCs, PCB Aroclors on Equipment Blank
L1212524	ASB-2	VOCs (high), PCB Aroclors
L1212527	ASB-2	VOCs (low), SVOCs, PCB Aroclors on Equipment Blank
L1212555	ASB-3, ASB-4, ASB-5	VOCs (high), PCB Aroclors
L1212561	ASB-3, ASB-4, ASB-5	VOCs (low), SVOCs
L1212595	ASB-6	VOCs (high), PCB Aroclors
L1212599	ASB-6	VOCs (low), SVOCs
L1212707	ASB-8, ASB-9	VOCs (high & low), PCB Aroclors, SVOCs
L1212822	ASB-5, ASB-10, ASB-11	VOCs (high & low), PCB Aroclors, SVOCs
L1212869	ASB-11	VOCs (high & low), PCB Aroclors, SVOCs
L1212918	ASB-7, ASB-12	VOCs (high & low), PCB Aroclors, SVOCs
L1213000	ASB-12	VOCs (high & low), PCB Aroclors, SVOCs

A SDG is made up of five data files. The table below, using SDG L1212506 as an example, describes the contents of each SDG file.

File name	File type	Description
L1212506_coc	.PDF	Scanned copy of the chain of custody.
L1212506_ddi	.PDF	Data deliverable index, to be used with the full data deliverable package.
L1212506_ddp	.PDF	Full data deliverable package.
L1212506_nbh	.CSV	Comma-delimited spreadsheet of analytical data, formatted for the New Bedford Harbor Database.
L1212506_pdf	.PDF	SDG laboratory report.

This Appendix document includes the SDG laboratory reports only. All other data files associated with each SDG are included as electronic attachments on the accompanying CD.

ANALYTICAL REPORT

Lab Number:	L1212506
Client:	Woods Hole Group 81 Technology Park Drive East Falmouth, MA 02536
ATTN:	Dave Walsh
Phone:	(508) 540-8080
Project Name:	NEW BEDFORD AEROVOX
Project Number:	TO-0010-05
Report Date:	08/15/12

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212506
Report Date: 08/15/12

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1212506-01	S-12L-B001-1.0-1.5	NEW BEDFORD, MA	07/12/12 12:45
L1212506-02	TB-071212-03	NEW BEDFORD, MA	07/12/12 00:00
L1212506-03	S-12L-B001-4.0-4.5	NEW BEDFORD, MA	07/12/12 12:45
L1212506-04	S-12L-B001-6.0-6.5	NEW BEDFORD, MA	07/12/12 13:15
L1212506-05	S-12L-B001-21.5-22.0	NEW BEDFORD, MA	07/12/12 15:00
L1212506-06	S-12L-B001-16.7-17.2	NEW BEDFORD, MA	07/12/12 14:25
L1212506-07	S-12L-B001-18.6-19.1	NEW BEDFORD, MA	07/12/12 14:25
L1212506-08	S-12L-B001-18.6-19.1 REP	NEW BEDFORD, MA	07/12/12 14:25
L1212506-09	S-12L-B001-23.5-24.0	NEW BEDFORD, MA	07/12/12 15:00
L1212506-10	S-12L-B001-25.3-25.8	NEW BEDFORD, MA	07/12/12 15:25
L1212506-11	S-12L-B001-27.2-27.7	NEW BEDFORD, MA	07/12/12 15:25
L1212506-12	S-12L-B002-1.0-1.5	NEW BEDFORD, MA	07/13/12 07:55
L1212506-13	S-12L-B002-3.0-3.5	NEW BEDFORD, MA	07/13/12 07:55

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212506
Project Number: TO-0010-05 **Report Date:** 08/15/12

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples free of charge for 30 days from the date the project is completed. After 30 days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples.

Please contact Client Services at 800-624-9220 with any questions.

Project Name:	NEW BEDFORD AEROVOX	**Lab Number:**	L1212506
Project Number:	TO-0010-05	**Report Date:**	08/15/12

Case Narrative (continued)

Report Submission

This report replaces the report issued on July 25, 2012.

-- The sample matrix has been changed from Soil to Sediment.

-- PCB samples are now reported with surrogate recoveries from one column.

-- QC analyte lists match the sample analyte lists for Volatile and Semivolatile Organics.

A previously-issued report replaced the report issued on July 16, 2012. The report was amended to correct the field ID for sample L1212506-09.

PCB by 8082

The surrogate recoveries for L1212506-01, -03, and -04 are below the acceptance criteria for 2,4,5,6-Tetrachloro-m-xylene and Decachlorobiphenyl (All at 0%) due to the dilutions required to quantitate the samples. Re-extraction was not required; therefore, the results of the original analysis are reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Cynthia McQueen

Title: Technical Director/Representative Date: 08/15/12

ORGANICS

VOLATILES

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212506

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212506-01	Date Collected:	07/12/12 12:45
Client ID:	S-12L-B001-1.0-1.5	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/15/12 10:27		
Analyst:	BN		
Percent Solids:	34%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	4000	--	1
1,1-Dichloroethane	ND		ug/kg	800	--	1
Chloroform	ND		ug/kg	800	--	1
Carbon tetrachloride	ND		ug/kg	800	--	1
1,2-Dichloropropane	ND		ug/kg	1600	--	1
Dibromochloromethane	ND		ug/kg	800	--	1
1,1,2-Trichloroethane	ND		ug/kg	800	--	1
Tetrachloroethene	ND		ug/kg	800	--	1
Chlorobenzene	2000		ug/kg	800	--	1
Trichlorofluoromethane	ND		ug/kg	2000	--	1
1,2-Dichloroethane	ND		ug/kg	800	--	1
1,1,1-Trichloroethane	ND		ug/kg	800	--	1
Bromodichloromethane	ND		ug/kg	800	--	1
trans-1,3-Dichloropropene	ND		ug/kg	800	--	1
cis-1,3-Dichloropropene	ND		ug/kg	800	--	1
Bromoform	ND		ug/kg	1600	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	800	--	1
Benzene	ND		ug/kg	800	--	1
Toluene	ND		ug/kg	800	--	1
Ethylbenzene	ND		ug/kg	800	--	1
Chloromethane	ND		ug/kg	2000	--	1
Bromomethane	ND		ug/kg	800	--	1
Vinyl chloride	ND		ug/kg	800	--	1
Chloroethane	ND		ug/kg	800	--	1
1,1-Dichloroethene	ND		ug/kg	800	--	1
trans-1,2-Dichloroethene	ND		ug/kg	800	--	1
Trichloroethene	ND		ug/kg	800	--	1
1,2-Dichlorobenzene	ND		ug/kg	2000	--	1
1,3-Dichlorobenzene	8400		ug/kg	2000	--	1
1,4-Dichlorobenzene	12000		ug/kg	2000	--	1
Methyl tert butyl ether	ND		ug/kg	800	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212506

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212506-01 Date Collected: 07/12/12 12:45

Client ID: S-12L-B001-1.0-1.5 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	1600	--	1
o-Xylene	ND		ug/kg	1600	--	1
Xylenes, Total	ND		ug/kg	1600	--	1
cis-1,2-Dichloroethene	ND		ug/kg	800	--	1
Styrene	ND		ug/kg	1600	--	1
Dichlorodifluoromethane	ND		ug/kg	4000	--	1
Acetone	ND		ug/kg	14000	--	1
Carbon disulfide	ND		ug/kg	4000	--	1
2-Butanone	ND		ug/kg	4000	--	1
4-Methyl-2-pentanone	ND		ug/kg	4000	--	1
2-Hexanone	ND		ug/kg	4000	--	1
Bromochloromethane	ND		ug/kg	2000	--	1
1,2-Dibromoethane	ND		ug/kg	1600	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2000	--	1
Isopropylbenzene	ND		ug/kg	800	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	2000	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	2000	--	1
Methyl Acetate	ND		ug/kg	8000	--	1
Cyclohexane	ND		ug/kg	8000	--	1
1,4-Dioxane	ND		ug/kg	40000	--	1
Methyl cyclohexane	ND		ug/kg	1600	--	1
Freon-113	ND		ug/kg	8000	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	115		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	90		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212506

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212506-02	Date Collected:	07/12/12 00:00
Client ID:	TB-071212-03	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/15/12 10:54		
Analyst:	BN		
Percent Solids:	Results reported on an 'AS RECEIVED' basis.		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	500	--	1
1,1-Dichloroethane	ND		ug/kg	100	--	1
Chloroform	ND		ug/kg	100	--	1
Carbon tetrachloride	ND		ug/kg	100	--	1
1,2-Dichloropropane	ND		ug/kg	200	--	1
Dibromochloromethane	ND		ug/kg	100	--	1
1,1,2-Trichloroethane	ND		ug/kg	100	--	1
Tetrachloroethene	ND		ug/kg	100	--	1
Chlorobenzene	ND		ug/kg	100	--	1
Trichlorofluoromethane	ND		ug/kg	250	--	1
1,2-Dichloroethane	ND		ug/kg	100	--	1
1,1,1-Trichloroethane	ND		ug/kg	100	--	1
Bromodichloromethane	ND		ug/kg	100	--	1
trans-1,3-Dichloropropene	ND		ug/kg	100	--	1
cis-1,3-Dichloropropene	ND		ug/kg	100	--	1
Bromoform	ND		ug/kg	200	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	100	--	1
Benzene	ND		ug/kg	100	--	1
Toluene	ND		ug/kg	100	--	1
Ethylbenzene	ND		ug/kg	100	--	1
Chloromethane	ND		ug/kg	250	--	1
Bromomethane	ND		ug/kg	100	--	1
Vinyl chloride	ND		ug/kg	100	--	1
Chloroethane	ND		ug/kg	100	--	1
1,1-Dichloroethene	ND		ug/kg	100	--	1
trans-1,2-Dichloroethene	ND		ug/kg	100	--	1
Trichloroethene	ND		ug/kg	100	--	1
1,2-Dichlorobenzene	ND		ug/kg	250	--	1
1,3-Dichlorobenzene	ND		ug/kg	250	--	1
1,4-Dichlorobenzene	ND		ug/kg	250	--	1
Methyl tert butyl ether	ND		ug/kg	100	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212506

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212506-02 Date Collected: 07/12/12 00:00

Client ID: TB-071212-03 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	200	--	1
o-Xylene	ND		ug/kg	200	--	1
Xylenes, Total	ND		ug/kg	200	--	1
cis-1,2-Dichloroethene	ND		ug/kg	100	--	1
Styrene	ND		ug/kg	200	--	1
Dichlorodifluoromethane	ND		ug/kg	500	--	1
Acetone	ND		ug/kg	1800	--	1
Carbon disulfide	ND		ug/kg	500	--	1
2-Butanone	ND		ug/kg	500	--	1
4-Methyl-2-pentanone	ND		ug/kg	500	--	1
2-Hexanone	ND		ug/kg	500	--	1
Bromochloromethane	ND		ug/kg	250	--	1
1,2-Dibromoethane	ND		ug/kg	200	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	--	1
Isopropylbenzene	ND		ug/kg	100	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	250	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	250	--	1
Methyl Acetate	ND		ug/kg	1000	--	1
Cyclohexane	ND		ug/kg	1000	--	1
1,4-Dioxane	ND		ug/kg	5000	--	1
Methyl cyclohexane	ND		ug/kg	200	--	1
Freon-113	ND		ug/kg	1000	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	115		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	92		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212506

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212506-03	Date Collected:	07/12/12 12:45
Client ID:	S-12L-B001-4.0-4.5	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/15/12 11:21		
Analyst:	BN		
Percent Solids:	86%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	1200	--	1
1,1-Dichloroethane	ND		ug/kg	230	--	1
Chloroform	ND		ug/kg	230	--	1
Carbon tetrachloride	ND		ug/kg	230	--	1
1,2-Dichloropropane	ND		ug/kg	460	--	1
Dibromochloromethane	ND		ug/kg	230	--	1
1,1,2-Trichloroethane	ND		ug/kg	230	--	1
Tetrachloroethene	230		ug/kg	230	--	1
Chlorobenzene	ND		ug/kg	230	--	1
Trichlorofluoromethane	ND		ug/kg	580	--	1
1,2-Dichloroethane	ND		ug/kg	230	--	1
1,1,1-Trichloroethane	ND		ug/kg	230	--	1
Bromodichloromethane	ND		ug/kg	230	--	1
trans-1,3-Dichloropropene	ND		ug/kg	230	--	1
cis-1,3-Dichloropropene	ND		ug/kg	230	--	1
Bromoform	ND		ug/kg	460	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	230	--	1
Benzene	ND		ug/kg	230	--	1
Toluene	ND		ug/kg	230	--	1
Ethylbenzene	290		ug/kg	230	--	1
Chloromethane	ND		ug/kg	580	--	1
Bromomethane	ND		ug/kg	230	--	1
Vinyl chloride	ND		ug/kg	230	--	1
Chloroethane	ND		ug/kg	230	--	1
1,1-Dichloroethene	ND		ug/kg	230	--	1
trans-1,2-Dichloroethene	ND		ug/kg	230	--	1
Trichloroethene	3500		ug/kg	230	--	1
1,2-Dichlorobenzene	ND		ug/kg	580	--	1
1,3-Dichlorobenzene	680		ug/kg	580	--	1
1,4-Dichlorobenzene	1000		ug/kg	580	--	1
Methyl tert butyl ether	ND		ug/kg	230	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212506

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212506-03 Date Collected: 07/12/12 12:45

Client ID: S-12L-B001-4.0-4.5 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	460	--	1
o-Xylene	ND		ug/kg	460	--	1
Xylenes, Total	ND		ug/kg	460	--	1
cis-1,2-Dichloroethene	1000		ug/kg	230	--	1
Styrene	ND		ug/kg	460	--	1
Dichlorodifluoromethane	ND		ug/kg	1200	--	1
Acetone	ND		ug/kg	4200	--	1
Carbon disulfide	ND		ug/kg	1200	--	1
2-Butanone	ND		ug/kg	1200	--	1
4-Methyl-2-pentanone	ND		ug/kg	1200	--	1
2-Hexanone	ND		ug/kg	1200	--	1
Bromochloromethane	ND		ug/kg	580	--	1
1,2-Dibromoethane	ND		ug/kg	460	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	580	--	1
Isopropylbenzene	ND		ug/kg	230	--	1
1,2,3-Trichlorobenzene	1400		ug/kg	580	--	1
1,2,4-Trichlorobenzene	13000		ug/kg	580	--	1
Methyl Acetate	ND		ug/kg	2300	--	1
Cyclohexane	ND		ug/kg	2300	--	1
1,4-Dioxane	ND		ug/kg	12000	--	1
Methyl cyclohexane	ND		ug/kg	460	--	1
Freon-113	ND		ug/kg	2300	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	117		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	90		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212506

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212506-04	Date Collected:	07/12/12 13:15
Client ID:	S-12L-B001-6.0-6.5	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/15/12 11:48		
Analyst:	BN		
Percent Solids:	89%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	520	--	1
1,1-Dichloroethane	ND		ug/kg	100	--	1
Chloroform	ND		ug/kg	100	--	1
Carbon tetrachloride	ND		ug/kg	100	--	1
1,2-Dichloropropane	ND		ug/kg	210	--	1
Dibromochloromethane	ND		ug/kg	100	--	1
1,1,2-Trichloroethane	ND		ug/kg	100	--	1
Tetrachloroethene	ND		ug/kg	100	--	1
Chlorobenzene	ND		ug/kg	100	--	1
Trichlorofluoromethane	ND		ug/kg	260	--	1
1,2-Dichloroethane	ND		ug/kg	100	--	1
1,1,1-Trichloroethane	ND		ug/kg	100	--	1
Bromodichloromethane	ND		ug/kg	100	--	1
trans-1,3-Dichloropropene	ND		ug/kg	100	--	1
cis-1,3-Dichloropropene	ND		ug/kg	100	--	1
Bromoform	ND		ug/kg	210	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	100	--	1
Benzene	ND		ug/kg	100	--	1
Toluene	ND		ug/kg	100	--	1
Ethylbenzene	ND		ug/kg	100	--	1
Chloromethane	ND		ug/kg	260	--	1
Bromomethane	ND		ug/kg	100	--	1
Vinyl chloride	ND		ug/kg	100	--	1
Chloroethane	ND		ug/kg	100	--	1
1,1-Dichloroethene	ND		ug/kg	100	--	1
trans-1,2-Dichloroethene	ND		ug/kg	100	--	1
Trichloroethene	350		ug/kg	100	--	1
1,2-Dichlorobenzene	ND		ug/kg	260	--	1
1,3-Dichlorobenzene	ND		ug/kg	260	--	1
1,4-Dichlorobenzene	ND		ug/kg	260	--	1
Methyl tert butyl ether	ND		ug/kg	100	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212506

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212506-04 Date Collected: 07/12/12 13:15

Client ID: S-12L-B001-6.0-6.5 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	210	--	1
o-Xylene	ND		ug/kg	210	--	1
Xylenes, Total	ND		ug/kg	210	--	1
cis-1,2-Dichloroethene	160		ug/kg	100	--	1
Styrene	ND		ug/kg	210	--	1
Dichlorodifluoromethane	ND		ug/kg	520	--	1
Acetone	ND		ug/kg	1900	--	1
Carbon disulfide	ND		ug/kg	520	--	1
2-Butanone	ND		ug/kg	520	--	1
4-Methyl-2-pentanone	ND		ug/kg	520	--	1
2-Hexanone	ND		ug/kg	520	--	1
Bromochloromethane	ND		ug/kg	260	--	1
1,2-Dibromoethane	ND		ug/kg	210	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	260	--	1
Isopropylbenzene	ND		ug/kg	100	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	260	--	1
1,2,4-Trichlorobenzene	860		ug/kg	260	--	1
Methyl Acetate	ND		ug/kg	1000	--	1
Cyclohexane	ND		ug/kg	1000	--	1
1,4-Dioxane	ND		ug/kg	5200	--	1
Methyl cyclohexane	ND		ug/kg	210	--	1
Freon-113	ND		ug/kg	1000	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	114		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	94		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212506

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212506-05	Date Collected:	07/12/12 15:00
Client ID:	S-12L-B001-21.5-22.0	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/15/12 12:15		
Analyst:	BN		
Percent Solids:	88%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	640	--	1
1,1-Dichloroethane	ND		ug/kg	130	--	1
Chloroform	ND		ug/kg	130	--	1
Carbon tetrachloride	ND		ug/kg	130	--	1
1,2-Dichloropropane	ND		ug/kg	260	--	1
Dibromochloromethane	ND		ug/kg	130	--	1
1,1,2-Trichloroethane	ND		ug/kg	130	--	1
Tetrachloroethene	ND		ug/kg	130	--	1
Chlorobenzene	ND		ug/kg	130	--	1
Trichlorofluoromethane	ND		ug/kg	320	--	1
1,2-Dichloroethane	ND		ug/kg	130	--	1
1,1,1-Trichloroethane	ND		ug/kg	130	--	1
Bromodichloromethane	ND		ug/kg	130	--	1
trans-1,3-Dichloropropene	ND		ug/kg	130	--	1
cis-1,3-Dichloropropene	ND		ug/kg	130	--	1
Bromoform	ND		ug/kg	260	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	130	--	1
Benzene	ND		ug/kg	130	--	1
Toluene	ND		ug/kg	130	--	1
Ethylbenzene	ND		ug/kg	130	--	1
Chloromethane	ND		ug/kg	320	--	1
Bromomethane	ND		ug/kg	130	--	1
Vinyl chloride	ND		ug/kg	130	--	1
Chloroethane	ND		ug/kg	130	--	1
1,1-Dichloroethene	ND		ug/kg	130	--	1
trans-1,2-Dichloroethene	ND		ug/kg	130	--	1
Trichloroethene	770		ug/kg	130	--	1
1,2-Dichlorobenzene	ND		ug/kg	320	--	1
1,3-Dichlorobenzene	ND		ug/kg	320	--	1
1,4-Dichlorobenzene	ND		ug/kg	320	--	1
Methyl tert butyl ether	ND		ug/kg	130	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212506

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212506-05 Date Collected: 07/12/12 15:00

Client ID: S-12L-B001-21.5-22.0 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	260	--	1
o-Xylene	ND		ug/kg	260	--	1
Xylenes, Total	ND		ug/kg	260	--	1
cis-1,2-Dichloroethene	150		ug/kg	130	--	1
Styrene	ND		ug/kg	260	--	1
Dichlorodifluoromethane	ND		ug/kg	640	--	1
Acetone	ND		ug/kg	2300	--	1
Carbon disulfide	ND		ug/kg	640	--	1
2-Butanone	ND		ug/kg	640	--	1
4-Methyl-2-pentanone	ND		ug/kg	640	--	1
2-Hexanone	ND		ug/kg	640	--	1
Bromochloromethane	ND		ug/kg	320	--	1
1,2-Dibromoethane	ND		ug/kg	260	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	320	--	1
Isopropylbenzene	ND		ug/kg	130	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	320	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	320	--	1
Methyl Acetate	ND		ug/kg	1300	--	1
Cyclohexane	ND		ug/kg	1300	--	1
1,4-Dioxane	ND		ug/kg	6400	--	1
Methyl cyclohexane	ND		ug/kg	260	--	1
Freon-113	ND		ug/kg	1300	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	116		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	93		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212506

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212506-06	Date Collected:	07/12/12 14:25
Client ID:	S-12L-B001-16.7-17.2	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/15/12 12:42		
Analyst:	BN		
Percent Solids:	85%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	1200	--	1
1,1-Dichloroethane	ND		ug/kg	230	--	1
Chloroform	ND		ug/kg	230	--	1
Carbon tetrachloride	ND		ug/kg	230	--	1
1,2-Dichloropropane	ND		ug/kg	460	--	1
Dibromochloromethane	ND		ug/kg	230	--	1
1,1,2-Trichloroethane	ND		ug/kg	230	--	1
Tetrachloroethene	ND		ug/kg	230	--	1
Chlorobenzene	ND		ug/kg	230	--	1
Trichlorofluoromethane	ND		ug/kg	580	--	1
1,2-Dichloroethane	ND		ug/kg	230	--	1
1,1,1-Trichloroethane	ND		ug/kg	230	--	1
Bromodichloromethane	ND		ug/kg	230	--	1
trans-1,3-Dichloropropene	ND		ug/kg	230	--	1
cis-1,3-Dichloropropene	ND		ug/kg	230	--	1
Bromoform	ND		ug/kg	460	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	230	--	1
Benzene	ND		ug/kg	230	--	1
Toluene	ND		ug/kg	230	--	1
Ethylbenzene	ND		ug/kg	230	--	1
Chloromethane	ND		ug/kg	580	--	1
Bromomethane	ND		ug/kg	230	--	1
Vinyl chloride	ND		ug/kg	230	--	1
Chloroethane	ND		ug/kg	230	--	1
1,1-Dichloroethene	ND		ug/kg	230	--	1
trans-1,2-Dichloroethene	ND		ug/kg	230	--	1
Trichloroethene	560		ug/kg	230	--	1
1,2-Dichlorobenzene	ND		ug/kg	580	--	1
1,3-Dichlorobenzene	ND		ug/kg	580	--	1
1,4-Dichlorobenzene	ND		ug/kg	580	--	1
Methyl tert butyl ether	ND		ug/kg	230	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212506

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212506-06 Date Collected: 07/12/12 14:25

Client ID: S-12L-B001-16.7-17.2 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	460	--	1
o-Xylene	ND		ug/kg	460	--	1
Xylenes, Total	ND		ug/kg	460	--	1
cis-1,2-Dichloroethene	ND		ug/kg	230	--	1
Styrene	ND		ug/kg	460	--	1
Dichlorodifluoromethane	ND		ug/kg	1200	--	1
Acetone	ND		ug/kg	4200	--	1
Carbon disulfide	ND		ug/kg	1200	--	1
2-Butanone	ND		ug/kg	1200	--	1
4-Methyl-2-pentanone	ND		ug/kg	1200	--	1
2-Hexanone	ND		ug/kg	1200	--	1
Bromochloromethane	ND		ug/kg	580	--	1
1,2-Dibromoethane	ND		ug/kg	460	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	580	--	1
Isopropylbenzene	ND		ug/kg	230	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	580	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	580	--	1
Methyl Acetate	ND		ug/kg	2300	--	1
Cyclohexane	ND		ug/kg	2300	--	1
1,4-Dioxane	ND		ug/kg	12000	--	1
Methyl cyclohexane	ND		ug/kg	460	--	1
Freon-113	ND		ug/kg	2300	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	117		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	91		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212506

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212506-07	Date Collected:	07/12/12 14:25
Client ID:	S-12L-B001-18.6-19.1	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/15/12 13:09		
Analyst:	BN		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	1400	--	1
1,1-Dichloroethane	ND		ug/kg	280	--	1
Chloroform	ND		ug/kg	280	--	1
Carbon tetrachloride	ND		ug/kg	280	--	1
1,2-Dichloropropane	ND		ug/kg	550	--	1
Dibromochloromethane	ND		ug/kg	280	--	1
1,1,2-Trichloroethane	ND		ug/kg	280	--	1
Tetrachloroethene	ND		ug/kg	280	--	1
Chlorobenzene	ND		ug/kg	280	--	1
Trichlorofluoromethane	ND		ug/kg	690	--	1
1,2-Dichloroethane	ND		ug/kg	280	--	1
1,1,1-Trichloroethane	ND		ug/kg	280	--	1
Bromodichloromethane	ND		ug/kg	280	--	1
trans-1,3-Dichloropropene	ND		ug/kg	280	--	1
cis-1,3-Dichloropropene	ND		ug/kg	280	--	1
Bromoform	ND		ug/kg	550	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	280	--	1
Benzene	ND		ug/kg	280	--	1
Toluene	ND		ug/kg	280	--	1
Ethylbenzene	ND		ug/kg	280	--	1
Chloromethane	ND		ug/kg	690	--	1
Bromomethane	ND		ug/kg	280	--	1
Vinyl chloride	ND		ug/kg	280	--	1
Chloroethane	ND		ug/kg	280	--	1
1,1-Dichloroethene	ND		ug/kg	280	--	1
trans-1,2-Dichloroethene	ND		ug/kg	280	--	1
Trichloroethene	ND		ug/kg	280	--	1
1,2-Dichlorobenzene	ND		ug/kg	690	--	1
1,3-Dichlorobenzene	ND		ug/kg	690	--	1
1,4-Dichlorobenzene	ND		ug/kg	690	--	1
Methyl tert butyl ether	ND		ug/kg	280	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212506

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212506-07 Date Collected: 07/12/12 14:25

Client ID: S-12L-B001-18.6-19.1 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	550	--	1
o-Xylene	ND		ug/kg	550	--	1
Xylenes, Total	ND		ug/kg	550	--	1
cis-1,2-Dichloroethene	ND		ug/kg	280	--	1
Styrene	ND		ug/kg	550	--	1
Dichlorodifluoromethane	ND		ug/kg	1400	--	1
Acetone	ND		ug/kg	5000	--	1
Carbon disulfide	ND		ug/kg	1400	--	1
2-Butanone	ND		ug/kg	1400	--	1
4-Methyl-2-pentanone	ND		ug/kg	1400	--	1
2-Hexanone	ND		ug/kg	1400	--	1
Bromochloromethane	ND		ug/kg	690	--	1
1,2-Dibromoethane	ND		ug/kg	550	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	690	--	1
Isopropylbenzene	ND		ug/kg	280	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	690	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	690	--	1
Methyl Acetate	ND		ug/kg	2800	--	1
Cyclohexane	ND		ug/kg	2800	--	1
1,4-Dioxane	ND		ug/kg	14000	--	1
Methyl cyclohexane	ND		ug/kg	550	--	1
Freon-113	ND		ug/kg	2800	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	115		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	89		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212506

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212506-08	Date Collected:	07/12/12 14:25
Client ID:	S-12L-B001-18.6-19.1 REP	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/15/12 13:36		
Analyst:	BN		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	1600	--	1
1,1-Dichloroethane	ND		ug/kg	320	--	1
Chloroform	ND		ug/kg	320	--	1
Carbon tetrachloride	ND		ug/kg	320	--	1
1,2-Dichloropropane	ND		ug/kg	650	--	1
Dibromochloromethane	ND		ug/kg	320	--	1
1,1,2-Trichloroethane	ND		ug/kg	320	--	1
Tetrachloroethene	ND		ug/kg	320	--	1
Chlorobenzene	ND		ug/kg	320	--	1
Trichlorofluoromethane	ND		ug/kg	810	--	1
1,2-Dichloroethane	ND		ug/kg	320	--	1
1,1,1-Trichloroethane	ND		ug/kg	320	--	1
Bromodichloromethane	ND		ug/kg	320	--	1
trans-1,3-Dichloropropene	ND		ug/kg	320	--	1
cis-1,3-Dichloropropene	ND		ug/kg	320	--	1
Bromoform	ND		ug/kg	650	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	320	--	1
Benzene	ND		ug/kg	320	--	1
Toluene	ND		ug/kg	320	--	1
Ethylbenzene	ND		ug/kg	320	--	1
Chloromethane	ND		ug/kg	810	--	1
Bromomethane	ND		ug/kg	320	--	1
Vinyl chloride	ND		ug/kg	320	--	1
Chloroethane	ND		ug/kg	320	--	1
1,1-Dichloroethene	ND		ug/kg	320	--	1
trans-1,2-Dichloroethene	ND		ug/kg	320	--	1
Trichloroethene	ND		ug/kg	320	--	1
1,2-Dichlorobenzene	ND		ug/kg	810	--	1
1,3-Dichlorobenzene	ND		ug/kg	810	--	1
1,4-Dichlorobenzene	ND		ug/kg	810	--	1
Methyl tert butyl ether	ND		ug/kg	320	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212506

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212506-08 Date Collected: 07/12/12 14:25

Client ID: S-12L-B001-18.6-19.1 REP Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	650	--	1
o-Xylene	ND		ug/kg	650	--	1
Xylenes, Total	ND		ug/kg	650	--	1
cis-1,2-Dichloroethene	ND		ug/kg	320	--	1
Styrene	ND		ug/kg	650	--	1
Dichlorodifluoromethane	ND		ug/kg	1600	--	1
Acetone	ND		ug/kg	5900	--	1
Carbon disulfide	ND		ug/kg	1600	--	1
2-Butanone	ND		ug/kg	1600	--	1
4-Methyl-2-pentanone	ND		ug/kg	1600	--	1
2-Hexanone	ND		ug/kg	1600	--	1
Bromochloromethane	ND		ug/kg	810	--	1
1,2-Dibromoethane	ND		ug/kg	650	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	810	--	1
Isopropylbenzene	ND		ug/kg	320	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	810	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	810	--	1
Methyl Acetate	ND		ug/kg	3200	--	1
Cyclohexane	ND		ug/kg	3200	--	1
1,4-Dioxane	ND		ug/kg	16000	--	1
Methyl cyclohexane	ND		ug/kg	650	--	1
Freon-113	ND		ug/kg	3200	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	117		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	90		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212506

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212506-09	Date Collected:	07/12/12 15:00
Client ID:	S-12L-B001-23.5-24.0	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/15/12 14:03		
Analyst:	BN		
Percent Solids:	94%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	1000	--	1
1,1-Dichloroethane	ND		ug/kg	210	--	1
Chloroform	ND		ug/kg	210	--	1
Carbon tetrachloride	ND		ug/kg	210	--	1
1,2-Dichloropropane	ND		ug/kg	420	--	1
Dibromochloromethane	ND		ug/kg	210	--	1
1,1,2-Trichloroethane	ND		ug/kg	210	--	1
Tetrachloroethene	ND		ug/kg	210	--	1
Chlorobenzene	ND		ug/kg	210	--	1
Trichlorofluoromethane	ND		ug/kg	530	--	1
1,2-Dichloroethane	ND		ug/kg	210	--	1
1,1,1-Trichloroethane	ND		ug/kg	210	--	1
Bromodichloromethane	ND		ug/kg	210	--	1
trans-1,3-Dichloropropene	ND		ug/kg	210	--	1
cis-1,3-Dichloropropene	ND		ug/kg	210	--	1
Bromoform	ND		ug/kg	420	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	210	--	1
Benzene	ND		ug/kg	210	--	1
Toluene	ND		ug/kg	210	--	1
Ethylbenzene	ND		ug/kg	210	--	1
Chloromethane	ND		ug/kg	530	--	1
Bromomethane	ND		ug/kg	210	--	1
Vinyl chloride	ND		ug/kg	210	--	1
Chloroethane	ND		ug/kg	210	--	1
1,1-Dichloroethene	ND		ug/kg	210	--	1
trans-1,2-Dichloroethene	ND		ug/kg	210	--	1
Trichloroethene	850		ug/kg	210	--	1
1,2-Dichlorobenzene	ND		ug/kg	530	--	1
1,3-Dichlorobenzene	ND		ug/kg	530	--	1
1,4-Dichlorobenzene	ND		ug/kg	530	--	1
Methyl tert butyl ether	ND		ug/kg	210	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212506

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212506-09 Date Collected: 07/12/12 15:00

Client ID: S-12L-B001-23.5-24.0 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	420	--	1
o-Xylene	ND		ug/kg	420	--	1
Xylenes, Total	ND		ug/kg	420	--	1
cis-1,2-Dichloroethene	ND		ug/kg	210	--	1
Styrene	ND		ug/kg	420	--	1
Dichlorodifluoromethane	ND		ug/kg	1000	--	1
Acetone	ND		ug/kg	3800	--	1
Carbon disulfide	ND		ug/kg	1000	--	1
2-Butanone	ND		ug/kg	1000	--	1
4-Methyl-2-pentanone	ND		ug/kg	1000	--	1
2-Hexanone	ND		ug/kg	1000	--	1
Bromochloromethane	ND		ug/kg	530	--	1
1,2-Dibromoethane	ND		ug/kg	420	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	530	--	1
Isopropylbenzene	ND		ug/kg	210	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	530	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	530	--	1
Methyl Acetate	ND		ug/kg	2100	--	1
Cyclohexane	ND		ug/kg	2100	--	1
1,4-Dioxane	ND		ug/kg	10000	--	1
Methyl cyclohexane	ND		ug/kg	420	--	1
Freon-113	ND		ug/kg	2100	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	117		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	93		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212506

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212506-10	Date Collected:	07/12/12 15:25
Client ID:	S-12L-B001-25.3-25.8	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/15/12 14:30		
Analyst:	BN		
Percent Solids:	88%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	1000	--	1
1,1-Dichloroethane	ND		ug/kg	210	--	1
Chloroform	ND		ug/kg	210	--	1
Carbon tetrachloride	ND		ug/kg	210	--	1
1,2-Dichloropropane	ND		ug/kg	420	--	1
Dibromochloromethane	ND		ug/kg	210	--	1
1,1,2-Trichloroethane	ND		ug/kg	210	--	1
Tetrachloroethene	ND		ug/kg	210	--	1
Chlorobenzene	ND		ug/kg	210	--	1
Trichlorofluoromethane	ND		ug/kg	520	--	1
1,2-Dichloroethane	ND		ug/kg	210	--	1
1,1,1-Trichloroethane	ND		ug/kg	210	--	1
Bromodichloromethane	ND		ug/kg	210	--	1
trans-1,3-Dichloropropene	ND		ug/kg	210	--	1
cis-1,3-Dichloropropene	ND		ug/kg	210	--	1
Bromoform	ND		ug/kg	420	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	210	--	1
Benzene	ND		ug/kg	210	--	1
Toluene	ND		ug/kg	210	--	1
Ethylbenzene	ND		ug/kg	210	--	1
Chloromethane	ND		ug/kg	520	--	1
Bromomethane	ND		ug/kg	210	--	1
Vinyl chloride	ND		ug/kg	210	--	1
Chloroethane	ND		ug/kg	210	--	1
1,1-Dichloroethene	ND		ug/kg	210	--	1
trans-1,2-Dichloroethene	ND		ug/kg	210	--	1
Trichloroethene	1000		ug/kg	210	--	1
1,2-Dichlorobenzene	ND		ug/kg	520	--	1
1,3-Dichlorobenzene	ND		ug/kg	520	--	1
1,4-Dichlorobenzene	ND		ug/kg	520	--	1
Methyl tert butyl ether	ND		ug/kg	210	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212506

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212506-10 Date Collected: 07/12/12 15:25

Client ID: S-12L-B001-25.3-25.8 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	420	--	1
o-Xylene	ND		ug/kg	420	--	1
Xylenes, Total	ND		ug/kg	420	--	1
cis-1,2-Dichloroethene	ND		ug/kg	210	--	1
Styrene	ND		ug/kg	420	--	1
Dichlorodifluoromethane	ND		ug/kg	1000	--	1
Acetone	ND		ug/kg	3800	--	1
Carbon disulfide	ND		ug/kg	1000	--	1
2-Butanone	ND		ug/kg	1000	--	1
4-Methyl-2-pentanone	ND		ug/kg	1000	--	1
2-Hexanone	ND		ug/kg	1000	--	1
Bromochloromethane	ND		ug/kg	520	--	1
1,2-Dibromoethane	ND		ug/kg	420	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	520	--	1
Isopropylbenzene	ND		ug/kg	210	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	520	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	520	--	1
Methyl Acetate	ND		ug/kg	2100	--	1
Cyclohexane	ND		ug/kg	2100	--	1
1,4-Dioxane	ND		ug/kg	10000	--	1
Methyl cyclohexane	ND		ug/kg	420	--	1
Freon-113	ND		ug/kg	2100	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	114		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	93		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212506

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212506-11	Date Collected:	07/12/12 15:25
Client ID:	S-12L-B001-27.2-27.7	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/15/12 14:58		
Analyst:	BN		
Percent Solids:	95%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	830	--	1
1,1-Dichloroethane	ND		ug/kg	170	--	1
Chloroform	ND		ug/kg	170	--	1
Carbon tetrachloride	ND		ug/kg	170	--	1
1,2-Dichloropropane	ND		ug/kg	330	--	1
Dibromochloromethane	ND		ug/kg	170	--	1
1,1,2-Trichloroethane	ND		ug/kg	170	--	1
Tetrachloroethene	ND		ug/kg	170	--	1
Chlorobenzene	ND		ug/kg	170	--	1
Trichlorofluoromethane	ND		ug/kg	420	--	1
1,2-Dichloroethane	ND		ug/kg	170	--	1
1,1,1-Trichloroethane	ND		ug/kg	170	--	1
Bromodichloromethane	ND		ug/kg	170	--	1
trans-1,3-Dichloropropene	ND		ug/kg	170	--	1
cis-1,3-Dichloropropene	ND		ug/kg	170	--	1
Bromoform	ND		ug/kg	330	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	170	--	1
Benzene	ND		ug/kg	170	--	1
Toluene	ND		ug/kg	170	--	1
Ethylbenzene	ND		ug/kg	170	--	1
Chloromethane	ND		ug/kg	420	--	1
Bromomethane	ND		ug/kg	170	--	1
Vinyl chloride	ND		ug/kg	170	--	1
Chloroethane	ND		ug/kg	170	--	1
1,1-Dichloroethene	ND		ug/kg	170	--	1
trans-1,2-Dichloroethene	ND		ug/kg	170	--	1
Trichloroethene	ND		ug/kg	170	--	1
1,2-Dichlorobenzene	ND		ug/kg	420	--	1
1,3-Dichlorobenzene	ND		ug/kg	420	--	1
1,4-Dichlorobenzene	ND		ug/kg	420	--	1
Methyl tert butyl ether	ND		ug/kg	170	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212506

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212506-11 Date Collected: 07/12/12 15:25

Client ID: S-12L-B001-27.2-27.7 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	330	--	1
o-Xylene	ND		ug/kg	330	--	1
Xylenes, Total	ND		ug/kg	330	--	1
cis-1,2-Dichloroethene	ND		ug/kg	170	--	1
Styrene	ND		ug/kg	330	--	1
Dichlorodifluoromethane	ND		ug/kg	830	--	1
Acetone	ND		ug/kg	3000	--	1
Carbon disulfide	ND		ug/kg	830	--	1
2-Butanone	ND		ug/kg	830	--	1
4-Methyl-2-pentanone	ND		ug/kg	830	--	1
2-Hexanone	ND		ug/kg	830	--	1
Bromochloromethane	ND		ug/kg	420	--	1
1,2-Dibromoethane	ND		ug/kg	330	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	420	--	1
Isopropylbenzene	ND		ug/kg	170	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	420	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	420	--	1
Methyl Acetate	ND		ug/kg	1700	--	1
Cyclohexane	ND		ug/kg	1700	--	1
1,4-Dioxane	ND		ug/kg	8300	--	1
Methyl cyclohexane	ND		ug/kg	330	--	1
Freon-113	ND		ug/kg	1700	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	117		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	92		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212506

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212506-12 D	Date Collected:	07/13/12 07:55
Client ID:	S-12L-B002-1.0-1.5	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/15/12 15:25		
Analyst:	BN		
Percent Solids:	14%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	220000	--	20
1,1-Dichloroethane	ND		ug/kg	44000	--	20
Chloroform	ND		ug/kg	44000	--	20
Carbon tetrachloride	ND		ug/kg	44000	--	20
1,2-Dichloropropane	ND		ug/kg	88000	--	20
Dibromochloromethane	ND		ug/kg	44000	--	20
1,1,2-Trichloroethane	ND		ug/kg	44000	--	20
Tetrachloroethene	ND		ug/kg	44000	--	20
Chlorobenzene	ND		ug/kg	44000	--	20
Trichlorofluoromethane	ND		ug/kg	110000	--	20
1,2-Dichloroethane	ND		ug/kg	44000	--	20
1,1,1-Trichloroethane	ND		ug/kg	44000	--	20
Bromodichloromethane	ND		ug/kg	44000	--	20
trans-1,3-Dichloropropene	ND		ug/kg	44000	--	20
cis-1,3-Dichloropropene	ND		ug/kg	44000	--	20
Bromoform	ND		ug/kg	88000	--	20
1,1,2,2-Tetrachloroethane	ND		ug/kg	44000	--	20
Benzene	ND		ug/kg	44000	--	20
Toluene	ND		ug/kg	44000	--	20
Ethylbenzene	ND		ug/kg	44000	--	20
Chloromethane	ND		ug/kg	110000	--	20
Bromomethane	ND		ug/kg	44000	--	20
Vinyl chloride	160000		ug/kg	44000	--	20
Chloroethane	ND		ug/kg	44000	--	20
1,1-Dichloroethene	ND		ug/kg	44000	--	20
trans-1,2-Dichloroethene	ND		ug/kg	44000	--	20
Trichloroethene	86000		ug/kg	44000	--	20
1,2-Dichlorobenzene	ND		ug/kg	110000	--	20
1,3-Dichlorobenzene	ND		ug/kg	110000	--	20
1,4-Dichlorobenzene	ND		ug/kg	110000	--	20
Methyl tert butyl ether	ND		ug/kg	44000	--	20

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212506

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212506-12 D Date Collected: 07/13/12 07:55

Client ID: S-12L-B002-1.0-1.5 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	88000	--	20
o-Xylene	ND		ug/kg	88000	--	20
Xylenes, Total	ND		ug/kg	88000	--	20
cis-1,2-Dichloroethene	2200000		ug/kg	44000	--	20
Styrene	ND		ug/kg	88000	--	20
Dichlorodifluoromethane	ND		ug/kg	220000	--	20
Acetone	ND		ug/kg	800000	--	20
Carbon disulfide	ND		ug/kg	220000	--	20
2-Butanone	ND		ug/kg	220000	--	20
4-Methyl-2-pentanone	ND		ug/kg	220000	--	20
2-Hexanone	ND		ug/kg	220000	--	20
Bromochloromethane	ND		ug/kg	110000	--	20
1,2-Dibromoethane	ND		ug/kg	88000	--	20
1,2-Dibromo-3-chloropropane	ND		ug/kg	110000	--	20
Isopropylbenzene	ND		ug/kg	44000	--	20
1,2,3-Trichlorobenzene	ND		ug/kg	110000	--	20
1,2,4-Trichlorobenzene	ND		ug/kg	110000	--	20
Methyl Acetate	ND		ug/kg	440000	--	20
Cyclohexane	ND		ug/kg	440000	--	20
1,4-Dioxane	ND		ug/kg	2200000	--	20
Methyl cyclohexane	ND		ug/kg	88000	--	20
Freon-113	ND		ug/kg	440000	--	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	114		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	95		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212506

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212506-13 D	Date Collected:	07/13/12 07:55
Client ID:	S-12L-B002-3.0-3.5	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/15/12 15:51		
Analyst:	BN		
Percent Solids:	76%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	12000	--	10
1,1-Dichloroethane	ND		ug/kg	2500	--	10
Chloroform	ND		ug/kg	2500	--	10
Carbon tetrachloride	ND		ug/kg	2500	--	10
1,2-Dichloropropane	ND		ug/kg	5000	--	10
Dibromochloromethane	ND		ug/kg	2500	--	10
1,1,2-Trichloroethane	ND		ug/kg	2500	--	10
Tetrachloroethene	ND		ug/kg	2500	--	10
Chlorobenzene	ND		ug/kg	2500	--	10
Trichlorofluoromethane	ND		ug/kg	6300	--	10
1,2-Dichloroethane	ND		ug/kg	2500	--	10
1,1,1-Trichloroethane	ND		ug/kg	2500	--	10
Bromodichloromethane	ND		ug/kg	2500	--	10
trans-1,3-Dichloropropene	ND		ug/kg	2500	--	10
cis-1,3-Dichloropropene	ND		ug/kg	2500	--	10
Bromoform	ND		ug/kg	5000	--	10
1,1,2,2-Tetrachloroethane	ND		ug/kg	2500	--	10
Benzene	ND		ug/kg	2500	--	10
Toluene	ND		ug/kg	2500	--	10
Ethylbenzene	ND		ug/kg	2500	--	10
Chloromethane	ND		ug/kg	6300	--	10
Bromomethane	ND		ug/kg	2500	--	10
Vinyl chloride	ND		ug/kg	2500	--	10
Chloroethane	ND		ug/kg	2500	--	10
1,1-Dichloroethene	ND		ug/kg	2500	--	10
trans-1,2-Dichloroethene	ND		ug/kg	2500	--	10
Trichloroethene	180000		ug/kg	2500	--	10
1,2-Dichlorobenzene	ND		ug/kg	6300	--	10
1,3-Dichlorobenzene	ND		ug/kg	6300	--	10
1,4-Dichlorobenzene	ND		ug/kg	6300	--	10
Methyl tert butyl ether	ND		ug/kg	2500	--	10

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212506

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212506-13 D Date Collected: 07/13/12 07:55

Client ID: S-12L-B002-3.0-3.5 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	5000	--	10
o-Xylene	ND		ug/kg	5000	--	10
Xylenes, Total	ND		ug/kg	5000	--	10
cis-1,2-Dichloroethene	110000		ug/kg	2500	--	10
Styrene	ND		ug/kg	5000	--	10
Dichlorodifluoromethane	ND		ug/kg	12000	--	10
Acetone	ND		ug/kg	45000	--	10
Carbon disulfide	ND		ug/kg	12000	--	10
2-Butanone	ND		ug/kg	12000	--	10
4-Methyl-2-pentanone	ND		ug/kg	12000	--	10
2-Hexanone	ND		ug/kg	12000	--	10
Bromochloromethane	ND		ug/kg	6300	--	10
1,2-Dibromoethane	ND		ug/kg	5000	--	10
1,2-Dibromo-3-chloropropane	ND		ug/kg	6300	--	10
Isopropylbenzene	ND		ug/kg	2500	--	10
1,2,3-Trichlorobenzene	ND		ug/kg	6300	--	10
1,2,4-Trichlorobenzene	ND		ug/kg	6300	--	10
Methyl Acetate	ND		ug/kg	25000	--	10
Cyclohexane	ND		ug/kg	25000	--	10
1,4-Dioxane	ND		ug/kg	120000	--	10
Methyl cyclohexane	ND		ug/kg	5000	--	10
Freon-113	ND		ug/kg	25000	--	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	116		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	95		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212506

Project Number: TO-0010-05 **Report Date:** 08/15/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/15/12 10:00
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 01-13 Batch: WG548569-3					
Methylene chloride	ND		ug/kg	500	--
1,1-Dichloroethane	ND		ug/kg	100	--
Chloroform	ND		ug/kg	100	--
Carbon tetrachloride	ND		ug/kg	100	--
1,2-Dichloropropane	ND		ug/kg	200	--
Dibromochloromethane	ND		ug/kg	100	--
1,1,2-Trichloroethane	ND		ug/kg	100	--
Tetrachloroethene	ND		ug/kg	100	--
Chlorobenzene	ND		ug/kg	100	--
Trichlorofluoromethane	ND		ug/kg	250	--
1,2-Dichloroethane	ND		ug/kg	100	--
1,1,1-Trichloroethane	ND		ug/kg	100	--
Bromodichloromethane	ND		ug/kg	100	--
trans-1,3-Dichloropropene	ND		ug/kg	100	--
cis-1,3-Dichloropropene	ND		ug/kg	100	--
Bromoform	ND		ug/kg	200	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	100	--
Benzene	ND		ug/kg	100	--
Toluene	ND		ug/kg	100	--
Ethylbenzene	ND		ug/kg	100	--
Chloromethane	ND		ug/kg	250	--
Bromomethane	ND		ug/kg	100	--
Vinyl chloride	ND		ug/kg	100	--
Chloroethane	ND		ug/kg	100	--
1,1-Dichloroethene	ND		ug/kg	100	--
trans-1,2-Dichloroethene	ND		ug/kg	100	--
Trichloroethene	ND		ug/kg	100	--
1,2-Dichlorobenzene	ND		ug/kg	250	--
1,3-Dichlorobenzene	ND		ug/kg	250	--
1,4-Dichlorobenzene	ND		ug/kg	250	--
Methyl tert butyl ether	ND		ug/kg	100	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212506

Project Number: TO-0010-05 **Report Date:** 08/15/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/15/12 10:00
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 01-13 Batch: WG548569-3					
p/m-Xylene	ND		ug/kg	200	--
o-Xylene	ND		ug/kg	200	--
Xylenes, Total	ND		ug/kg	200	--
cis-1,2-Dichloroethene	ND		ug/kg	100	--
Styrene	ND		ug/kg	200	--
Dichlorodifluoromethane	ND		ug/kg	500	--
Acetone	ND		ug/kg	1800	--
Carbon disulfide	ND		ug/kg	500	--
2-Butanone	ND		ug/kg	500	--
4-Methyl-2-pentanone	ND		ug/kg	500	--
2-Hexanone	ND		ug/kg	500	--
Bromochloromethane	ND		ug/kg	250	--
1,2-Dibromoethane	ND		ug/kg	200	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	--
Isopropylbenzene	ND		ug/kg	100	--
1,2,3-Trichlorobenzene	ND		ug/kg	250	--
1,2,4-Trichlorobenzene	ND		ug/kg	250	--
Methyl Acetate	ND		ug/kg	1000	--
Cyclohexane	ND		ug/kg	1000	--
1,4-Dioxane	ND		ug/kg	5000	--
Methyl cyclohexane	ND		ug/kg	200	--
Freon-113	ND		ug/kg	1000	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	113		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	95		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212506

Report Date: 08/15/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 01-13 Batch: WG548569-1 WG548569-2								
Methylene chloride	90		89		70-130	1		30
1,1-Dichloroethane	85		83		70-130	2		30
Chloroform	85		84		70-130	1		30
Carbon tetrachloride	88		84		70-130	5		30
1,2-Dichloropropane	85		84		70-130	1		30
Dibromochloromethane	98		97		70-130	1		30
1,1,2-Trichloroethane	98		98		70-130	0		30
Tetrachloroethene	104		100		70-130	4		30
Chlorobenzene	101		99		70-130	2		30
Trichlorofluoromethane	93		84		70-139	10		30
1,2-Dichloroethane	83		82		70-130	1		30
1,1,1-Trichloroethane	88		85		70-130	3		30
Bromodichloromethane	83		82		70-130	1		30
trans-1,3-Dichloropropene	100		98		70-130	2		30
cis-1,3-Dichloropropene	86		84		70-130	2		30
Bromoform	94		93		70-130	1		30
1,1,2,2-Tetrachloroethane	105		105		70-130	0		30
Benzene	84		82		70-130	2		30
Toluene	99		98		70-130	1		30
Ethylbenzene	102		99		70-130	3		30
Chloromethane	93		92		52-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212506

Report Date: 08/15/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 01-13 Batch: WG548569-1 WG548569-2								
Bromomethane	101		92		57-147	9		30
Vinyl chloride	102		97		67-130	5		30
Chloroethane	98		94		50-151	4		30
1,1-Dichloroethene	88		86		65-135	2		30
trans-1,2-Dichloroethene	88		85		70-130	3		30
Trichloroethene	89		86		70-130	3		30
1,2-Dichlorobenzene	110		110		70-130	0		30
1,3-Dichlorobenzene	112		111		70-130	1		30
1,4-Dichlorobenzene	112		110		70-130	2		30
Methyl tert butyl ether	81		79		66-130	3		30
p/m-Xylene	103		100		70-130	3		30
o-Xylene	101		100		70-130	1		30
cis-1,2-Dichloroethene	86		84		70-130	2		30
Styrene	100		98		70-130	2		30
Dichlorodifluoromethane	98		94		30-146	4		30
Acetone	99		94		54-140	5		30
Carbon disulfide	90		86		59-130	5		30
2-Butanone	88		84		70-130	5		30
4-Methyl-2-pentanone	77		76		70-130	1		30
2-Hexanone	100		94		70-130	6		30
Bromochloromethane	88		86		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212506

Report Date: 08/15/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 01-13 Batch: WG548569-1 WG548569-2								
1,2-Dibromoethane	100		97		70-130	3		30
1,2-Dibromo-3-chloropropane	103		98		68-130	5		30
Isopropylbenzene	111		109		70-130	2		30
1,2,3-Trichlorobenzene	110		107		70-130	3		30
1,2,4-Trichlorobenzene	114		112		70-130	2		30
Methyl Acetate	80		76		65-130	5		30
Cyclohexane	90		86		70-130	5		30
1,4-Dioxane	95		88		65-136	8		30
Methyl cyclohexane	91		86		70-130	6		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	90		86		70-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		99		70-130
Toluene-d8	113		113		70-130
4-Bromofluorobenzene	102		101		70-130
Dibromofluoromethane	95		96		70-130

PCBS

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212506

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212506-01 D	Date Collected:	07/12/12 12:45
Client ID:	S-12L-B001-1.0-1.5	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8082	Extraction Date:	07/14/12 01:15
Analytical Date:	07/16/12 12:27	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/15/12
Percent Solids:	34%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/15/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	5730	--	100
Aroclor 1221	ND		ug/kg	5730	--	100
Aroclor 1232	ND		ug/kg	5730	--	100
Aroclor 1242	ND		ug/kg	5730	--	100
Aroclor 1248	ND		ug/kg	3820	--	100
Aroclor 1254	28100		ug/kg	5730	--	100
Aroclor 1260	ND		ug/kg	3820	--	100
Aroclor 1262	ND		ug/kg	1910	--	100
Aroclor 1268	ND		ug/kg	1910	--	100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150
Decachlorobiphenyl	**0**	Q	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212506

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212506-03 D	Date Collected:	07/12/12 12:45
Client ID:	S-12L-B001-4.0-4.5	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8082	Extraction Date:	07/14/12 01:15
Analytical Date:	07/16/12 15:37	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/15/12
Percent Solids:	86%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/15/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	554000	--	25000
Aroclor 1221	ND		ug/kg	554000	--	25000
Aroclor 1232	ND		ug/kg	554000	--	25000
Aroclor 1242	ND		ug/kg	554000	--	25000
Aroclor 1248	ND		ug/kg	370000	--	25000
Aroclor 1260	ND		ug/kg	370000	--	25000
Aroclor 1262	ND		ug/kg	185000	--	25000
Aroclor 1268	ND		ug/kg	185000	--	25000

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150
Decachlorobiphenyl	**0**	Q	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212506

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212506-03 D	Date Collected:	07/12/12 12:45
Client ID:	S-12L-B001-4.0-4.5	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8082	Extraction Date:	07/14/12 01:15
Analytical Date:	07/16/12 15:37	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/15/12
Percent Solids:	86%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/15/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1254	8350000		ug/kg	554000	--	25000

2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150
Decachlorobiphenyl	**0**	Q	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212506

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212506-04 D	Date Collected:	07/12/12 13:15
Client ID:	S-12L-B001-6.0-6.5	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8082	Extraction Date:	07/14/12 01:15
Analytical Date:	07/16/12 14:43	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/15/12
Percent Solids:	89%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/15/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	4270	--	200
Aroclor 1221	ND		ug/kg	4270	--	200
Aroclor 1232	ND		ug/kg	4270	--	200
Aroclor 1248	ND		ug/kg	2850	--	200
Aroclor 1254	94100		ug/kg	4270	--	200
Aroclor 1260	ND		ug/kg	2850	--	200
Aroclor 1262	ND		ug/kg	1420	--	200
Aroclor 1268	ND		ug/kg	1420	--	200

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150
Decachlorobiphenyl	**0**	Q	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212506

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212506-04 D	Date Collected:	07/12/12 13:15
Client ID:	S-12L-B001-6.0-6.5	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8082	Extraction Date:	07/14/12 01:15
Analytical Date:	07/16/12 14:43	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/15/12
Percent Solids:	89%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/15/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	73200		ug/kg	4270	--	200

2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150
Decachlorobiphenyl	**0**	Q	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212506

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212506-05	Date Collected:	07/12/12 15:00
Client ID:	S-12L-B001-21.5-22.0	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8082	Extraction Date:	07/14/12 01:15
Analytical Date:	07/16/12 14:56	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/15/12
Percent Solids:	88%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/15/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	22.3	--	1
Aroclor 1221	ND		ug/kg	22.3	--	1
Aroclor 1232	ND		ug/kg	22.3	--	1
Aroclor 1242	ND		ug/kg	22.3	--	1
Aroclor 1248	ND		ug/kg	14.9	--	1
Aroclor 1260	ND		ug/kg	14.9	--	1
Aroclor 1262	ND		ug/kg	7.43	--	1
Aroclor 1268	ND		ug/kg	7.43	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	92		30-150
Decachlorobiphenyl	97		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212506

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212506-05	Date Collected:	07/12/12 15:00
Client ID:	S-12L-B001-21.5-22.0	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8082	Extraction Date:	07/14/12 01:15
Analytical Date:	07/16/12 14:56	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/15/12
Percent Solids:	88%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/15/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1254	47.8		ug/kg	22.3	--	1

2,4,5,6-Tetrachloro-m-xylene	92	30-150
Decachlorobiphenyl	97	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212506

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212506-06 D	Date Collected:	07/12/12 14:25
Client ID:	S-12L-B001-16.7-17.2	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8082	Extraction Date:	07/14/12 01:15
Analytical Date:	07/16/12 13:04	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/15/12
Percent Solids:	85%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/15/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	116	--	5
Aroclor 1221	ND		ug/kg	116	--	5
Aroclor 1232	ND		ug/kg	116	--	5
Aroclor 1248	ND		ug/kg	77.3	--	5
Aroclor 1254	2600		ug/kg	116	--	5
Aroclor 1260	ND		ug/kg	77.3	--	5
Aroclor 1268	ND		ug/kg	38.6	--	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	117		30-150
Decachlorobiphenyl	103		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212506

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212506-06 D	Date Collected:	07/12/12 14:25
Client ID:	S-12L-B001-16.7-17.2	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8082	Extraction Date:	07/14/12 01:15
Analytical Date:	07/16/12 13:04	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/15/12
Percent Solids:	85%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/15/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	1530		ug/kg	116	--	5
Aroclor 1262	723		ug/kg	38.6	--	5

2,4,5,6-Tetrachloro-m-xylene	117	30-150
Decachlorobiphenyl	103	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212506

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212506-07	Date Collected:	07/12/12 14:25
Client ID:	S-12L-B001-18.6-19.1	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8082	Extraction Date:	07/14/12 01:15
Analytical Date:	07/16/12 10:23	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/15/12
Percent Solids:	90%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/15/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	21.2	--	1
Aroclor 1221	ND		ug/kg	21.2	--	1
Aroclor 1232	ND		ug/kg	21.2	--	1
Aroclor 1248	ND		ug/kg	14.1	--	1
Aroclor 1260	ND		ug/kg	14.1	--	1
Aroclor 1262	ND		ug/kg	7.05	--	1
Aroclor 1268	ND		ug/kg	7.05	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	73		30-150
Decachlorobiphenyl	77		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212506

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212506-07	Date Collected:	07/12/12 14:25
Client ID:	S-12L-B001-18.6-19.1	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8082	Extraction Date:	07/14/12 01:15
Analytical Date:	07/16/12 10:23	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/15/12
Percent Solids:	90%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/15/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	292		ug/kg	21.2	--	1
Aroclor 1254	482		ug/kg	21.2	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	73		30-150
Decachlorobiphenyl	77		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212506

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212506-08	Date Collected:	07/12/12 14:25
Client ID:	S-12L-B001-18.6-19.1 REP	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8082	Extraction Date:	07/14/12 01:15
Analytical Date:	07/16/12 10:35	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/15/12
Percent Solids:	90%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/15/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	21.3	--	1
Aroclor 1221	ND		ug/kg	21.3	--	1
Aroclor 1232	ND		ug/kg	21.3	--	1
Aroclor 1248	ND		ug/kg	14.2	--	1
Aroclor 1260	ND		ug/kg	14.2	--	1
Aroclor 1262	ND		ug/kg	7.10	--	1
Aroclor 1268	ND		ug/kg	7.10	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	75		30-150
Decachlorobiphenyl	70		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212506

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212506-08	Date Collected:	07/12/12 14:25
Client ID:	S-12L-B001-18.6-19.1 REP	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8082	Extraction Date:	07/14/12 01:15
Analytical Date:	07/16/12 10:35	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/15/12
Percent Solids:	90%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/15/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	226		ug/kg	21.3	--	1
Aroclor 1254	417		ug/kg	21.3	--	1

2,4,5,6-Tetrachloro-m-xylene	75	30-150
Decachlorobiphenyl	70	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212506

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212506-09	Date Collected:	07/12/12 15:00
Client ID:	S-12L-B001-23.5-24.0	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8082	Extraction Date:	07/14/12 01:15
Analytical Date:	07/16/12 10:47	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/15/12
Percent Solids:	94%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/15/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	20.7	--	1
Aroclor 1221	ND		ug/kg	20.7	--	1
Aroclor 1232	ND		ug/kg	20.7	--	1
Aroclor 1242	ND		ug/kg	20.7	--	1
Aroclor 1248	ND		ug/kg	13.8	--	1
Aroclor 1254	28.7		ug/kg	20.7	--	1
Aroclor 1260	ND		ug/kg	13.8	--	1
Aroclor 1262	ND		ug/kg	6.90	--	1
Aroclor 1268	ND		ug/kg	6.90	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	96		30-150
Decachlorobiphenyl	93		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212506

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212506-10	Date Collected:	07/12/12 15:25
Client ID:	S-12L-B001-25.3-25.8	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8082	Extraction Date:	07/14/12 01:15
Analytical Date:	07/16/12 11:00	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/15/12
Percent Solids:	88%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/15/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	21.4	--	1
Aroclor 1221	ND		ug/kg	21.4	--	1
Aroclor 1232	ND		ug/kg	21.4	--	1
Aroclor 1242	ND		ug/kg	21.4	--	1
Aroclor 1248	ND		ug/kg	14.3	--	1
Aroclor 1260	ND		ug/kg	14.3	--	1
Aroclor 1262	57.8		ug/kg	7.14	--	1
Aroclor 1268	ND		ug/kg	7.14	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	94		30-150
Decachlorobiphenyl	89		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212506

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212506-10	Date Collected:	07/12/12 15:25
Client ID:	S-12L-B001-25.3-25.8	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8082	Extraction Date:	07/14/12 01:15
Analytical Date:	07/16/12 11:00	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/15/12
Percent Solids:	88%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/15/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1254	48.5		ug/kg	21.4	--	1

2,4,5,6-Tetrachloro-m-xylene	94	30-150
Decachlorobiphenyl	89	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212506

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212506-11	Date Collected:	07/12/12 15:25
Client ID:	S-12L-B001-27.2-27.7	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8082	Extraction Date:	07/14/12 01:15
Analytical Date:	07/16/12 11:12	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/15/12
Percent Solids:	95%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/15/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	20.1	--	1
Aroclor 1221	ND		ug/kg	20.1	--	1
Aroclor 1232	ND		ug/kg	20.1	--	1
Aroclor 1242	ND		ug/kg	20.1	--	1
Aroclor 1248	ND		ug/kg	13.4	--	1
Aroclor 1254	ND		ug/kg	20.1	--	1
Aroclor 1260	ND		ug/kg	13.4	--	1
Aroclor 1262	ND		ug/kg	6.70	--	1
Aroclor 1268	ND		ug/kg	6.70	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	84		30-150
Decachlorobiphenyl	85		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212506

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212506-12	Date Collected:	07/13/12 07:55
Client ID:	S-12L-B002-1.0-1.5	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8082	Extraction Date:	07/14/12 01:15
Analytical Date:	07/16/12 11:24	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/15/12
Percent Solids:	14%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/15/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	136	--	1
Aroclor 1221	ND		ug/kg	136	--	1
Aroclor 1232	ND		ug/kg	136	--	1
Aroclor 1242	ND		ug/kg	136	--	1
Aroclor 1248	ND		ug/kg	91.0	--	1
Aroclor 1260	ND		ug/kg	91.0	--	1
Aroclor 1262	ND		ug/kg	45.5	--	1
Aroclor 1268	ND		ug/kg	45.5	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	82		30-150
Decachlorobiphenyl	65		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212506

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212506-12	Date Collected:	07/13/12 07:55
Client ID:	S-12L-B002-1.0-1.5	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8082	Extraction Date:	07/14/12 01:15
Analytical Date:	07/16/12 11:24	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/15/12
Percent Solids:	14%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/15/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1254	2740		ug/kg	136	--	1

2,4,5,6-Tetrachloro-m-xylene	82	30-150
Decachlorobiphenyl	65	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212506

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212506-13	Date Collected:	07/13/12 07:55
Client ID:	S-12L-B002-3.0-3.5	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8082	Extraction Date:	07/14/12 01:15
Analytical Date:	07/16/12 11:37	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/15/12
Percent Solids:	76%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/15/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	25.1	--	1
Aroclor 1221	ND		ug/kg	25.1	--	1
Aroclor 1232	ND		ug/kg	25.1	--	1
Aroclor 1242	ND		ug/kg	25.1	--	1
Aroclor 1248	ND		ug/kg	16.7	--	1
Aroclor 1254	52.2		ug/kg	25.1	--	1
Aroclor 1260	ND		ug/kg	16.7	--	1
Aroclor 1262	ND		ug/kg	8.37	--	1
Aroclor 1268	ND		ug/kg	8.37	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	92		30-150
Decachlorobiphenyl	82		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212506

Project Number: TO-0010-05 **Report Date:** 08/15/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082
Analytical Date: 07/16/12 11:49
Analyst: BA

Extraction Method: EPA 3540C
Extraction Date: 07/14/12 01:15
Cleanup Method1: EPA 3665A
Cleanup Date1: 07/15/12
Cleanup Method2: EPA 3660B
Cleanup Date2: 07/15/12

Parameter	Result	Qualifier	Units	RL	MDL
PCB by GC - Westborough Lab for sample(s): 01,03-13 Batch: WG548394-1					
Aroclor 1016	ND		ug/kg	19.7	--
Aroclor 1221	ND		ug/kg	19.7	--
Aroclor 1232	ND		ug/kg	19.7	--
Aroclor 1242	ND		ug/kg	19.7	--
Aroclor 1248	ND		ug/kg	13.1	--
Aroclor 1254	ND		ug/kg	19.7	--
Aroclor 1260	ND		ug/kg	13.1	--
Aroclor 1262	ND		ug/kg	6.56	--
Aroclor 1268	ND		ug/kg	6.56	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	88		30-150
Decachlorobiphenyl	92		30-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212506

Report Date: 08/15/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
PCB by GC - Westborough Lab Associated sample(s): 01,03-13 Batch: WG548394-2 WG548394-3								
Aroclor 1016	104		97		40-140	7		50
Aroclor 1260	96		94		40-140	2		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	101		95		30-150
Decachlorobiphenyl	91		92		30-150

INORGANICS
&
MISCELLANEOUS

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212506
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212506-01
Client ID: S-12L-B001-1.0-1.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/12/12 12:45
Date Received: 07/13/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	34		%	0.10	NA	1	-	07/13/12 19:30	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212506
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212506-03
Client ID: S-12L-B001-4.0-4.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/12/12 12:45
Date Received: 07/13/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86		%	0.10	NA	1	-	07/13/12 19:30	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212506
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212506-04
Client ID: S-12L-B001-6.0-6.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/12/12 13:15
Date Received: 07/13/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89		%	0.10	NA	1	-	07/13/12 19:30	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212506
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212506-05
Client ID: S-12L-B001-21.5-22.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/12/12 15:00
Date Received: 07/13/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88		%	0.10	NA	1	-	07/13/12 19:30	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212506
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212506-06
Client ID: S-12L-B001-16.7-17.2
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/12/12 14:25
Date Received: 07/13/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85		%	0.10	NA	1	-	07/13/12 19:30	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212506
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212506-07
Client ID: S-12L-B001-18.6-19.1
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/12/12 14:25
Date Received: 07/13/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90		%	0.10	NA	1	-	07/13/12 19:30	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212506
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212506-08
Client ID: S-12L-B001-18.6-19.1 REP
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/12/12 14:25
Date Received: 07/13/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90		%	0.10	NA	1	-	07/13/12 19:30	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212506
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212506-09
Client ID: S-12L-B001-23.5-24.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/12/12 15:00
Date Received: 07/13/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94		%	0.10	NA	1	-	07/13/12 19:30	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212506
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212506-10
Client ID: S-12L-B001-25.3-25.8
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/12/12 15:25
Date Received: 07/13/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88		%	0.10	NA	1	-	07/13/12 19:30	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212506
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212506-11
Client ID: S-12L-B001-27.2-27.7
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/12/12 15:25
Date Received: 07/13/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95		%	0.10	NA	1	-	07/13/12 19:30	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212506
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212506-12
Client ID: S-12L-B002-1.0-1.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/13/12 07:55
Date Received: 07/13/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	14		%	0.10	NA	1	-	07/13/12 19:30	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212506
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212506-13
Client ID: S-12L-B002-3.0-3.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/13/12 07:55
Date Received: 07/13/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76		%	0.10	NA	1	-	07/13/12 19:30	30,2540G	RD

Lab Duplicate Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212506
Report Date: 08/15/12

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03-13 QC Batch ID: WG548365-1 QC Sample: L1212506-01 Client ID: S-12L-B001-1.0-1.5						
Solids, Total	34	34	%	0		20

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212506
Report Date: 08/15/12

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 07/13/2012 18:30

Cooler Information	Custody Seal
Cooler	
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1212506-01A	Vial MeOH preserved	A	N/A	4	Y	Absent	8260HLW-WHG(14)
L1212506-01B	Vial water preserved	A	N/A	4	Y	Absent	8260HLW-WHG(14)
L1212506-01C	Vial water preserved	A	N/A	4	Y	Absent	8260HLW-WHG(14)
L1212506-01D	Amber 250ml unpreserved	A	N/A	4	Y	Absent	TS(7),PCB-8082LL(14)
L1212506-02A	Vial MeOH preserved	A	N/A	4	Y	Absent	8260HLW-WHG(14)
L1212506-02B	Vial MeOH preserved	A	N/A	4	Y	Absent	8260HLW-WHG(14)
L1212506-02C	Vial water preserved	A	N/A	4	Y	Absent	8260HLW-WHG(14)
L1212506-02D	Vial water preserved	A	N/A	4	Y	Absent	8260HLW-WHG(14)
L1212506-03A	Vial MeOH preserved	A	N/A	4	Y	Absent	8260HLW-WHG(14)
L1212506-03B	Vial water preserved	A	N/A	4	Y	Absent	8260HLW-WHG(14)
L1212506-03C	Vial water preserved	A	N/A	4	Y	Absent	8260HLW-WHG(14)
L1212506-03D	Amber 250ml unpreserved	A	N/A	4	Y	Absent	TS(7),PCB-8082LL(14)
L1212506-04A	Vial MeOH preserved	A	N/A	4	Y	Absent	8260HLW-WHG(14)
L1212506-04B	Vial water preserved	A	N/A	4	Y	Absent	8260HLW-WHG(14)
L1212506-04C	Vial water preserved	A	N/A	4	Y	Absent	8260HLW-WHG(14)
L1212506-04D	Amber 250ml unpreserved	A	N/A	4	Y	Absent	TS(7),PCB-8082LL(14)
L1212506-05A	Vial MeOH preserved	A	N/A	4	Y	Absent	8260HLW-WHG(14)
L1212506-05B	Vial water preserved	A	N/A	4	Y	Absent	8260HLW-WHG(14)
L1212506-05C	Vial water preserved	A	N/A	4	Y	Absent	8260HLW-WHG(14)
L1212506-05D	Amber 250ml unpreserved	A	N/A	4	Y	Absent	TS(7),PCB-8082LL(14)
L1212506-06A	Vial MeOH preserved	A	N/A	4	Y	Absent	8260HLW-WHG(14)
L1212506-06B	Vial water preserved	A	N/A	4	Y	Absent	8260HLW-WHG(14)
L1212506-06C	Vial water preserved	A	N/A	4	Y	Absent	8260HLW-WHG(14)
L1212506-06D	Amber 250ml unpreserved	A	N/A	4	Y	Absent	TS(7),PCB-8082LL(14)
L1212506-07A	Vial MeOH preserved	A	N/A	4	Y	Absent	8260HLW-WHG(14)
L1212506-07B	Vial water preserved	A	N/A	4	Y	Absent	8260HLW-WHG(14)

(*) Values in parentheses indicate holding time in days

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212506
Report Date: 08/15/12

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1212506-07C	Vial water preserved	A	N/A	4	Y	Absent	8260HLW-WHG(14)
L1212506-07D	Amber 250ml unpreserved	A	N/A	4	Y	Absent	TS(7),PCB-8082LL(14)
L1212506-08A	Vial MeOH preserved	A	N/A	4	Y	Absent	8260HLW-WHG(14)
L1212506-08B	Vial water preserved	A	N/A	4	Y	Absent	8260HLW-WHG(14)
L1212506-08C	Vial water preserved	A	N/A	4	Y	Absent	8260HLW-WHG(14)
L1212506-08D	Amber 250ml unpreserved	A	N/A	4	Y	Absent	TS(7),PCB-8082LL(14)
L1212506-09A	Vial MeOH preserved	A	N/A	4	Y	Absent	8260HLW-WHG(14)
L1212506-09B	Vial water preserved	A	N/A	4	Y	Absent	8260HLW-WHG(14)
L1212506-09C	Vial water preserved	A	N/A	4	Y	Absent	8260HLW-WHG(14)
L1212506-09D	Amber 250ml unpreserved	A	N/A	4	Y	Absent	TS(7),PCB-8082LL(14)
L1212506-10A	Vial MeOH preserved	A	N/A	4	Y	Absent	8260HLW-WHG(14)
L1212506-10B	Vial water preserved	A	N/A	4	Y	Absent	8260HLW-WHG(14)
L1212506-10C	Vial water preserved	A	N/A	4	Y	Absent	8260HLW-WHG(14)
L1212506-10D	Amber 250ml unpreserved	A	N/A	4	Y	Absent	TS(7),PCB-8082LL(14)
L1212506-11A	Vial MeOH preserved	A	N/A	4	Y	Absent	8260HLW-WHG(14)
L1212506-11B	Vial water preserved	A	N/A	4	Y	Absent	8260HLW-WHG(14)
L1212506-11C	Vial water preserved	A	N/A	4	Y	Absent	8260HLW-WHG(14)
L1212506-11D	Amber 250ml unpreserved	A	N/A	4	Y	Absent	TS(7),PCB-8082LL(14)
L1212506-12A	Vial MeOH preserved	A	N/A	4	Y	Absent	8260HLW-WHG(14)
L1212506-12B	Vial water preserved	A	N/A	4	Y	Absent	8260HLW-WHG(14)
L1212506-12C	Vial water preserved	A	N/A	4	Y	Absent	8260HLW-WHG(14)
L1212506-12D	Amber 250ml unpreserved	B	N/A	5	Y	Absent	TS(7),PCB-8082LL(14)
L1212506-13A	Vial MeOH preserved	A	N/A	4	Y	Absent	8260HLW-WHG(14)
L1212506-13B	Vial water preserved	A	N/A	4	Y	Absent	8260HLW-WHG(14)
L1212506-13C	Vial water preserved	A	N/A	4	Y	Absent	8260HLW-WHG(14)
L1212506-13D	Amber 250ml unpreserved	B	N/A	5	Y	Absent	TS(7),PCB-8082LL(14)

(*) Values in parentheses indicate holding time in days

Project Name:	NEW BEDFORD AEROVOX	**Lab Number:**	L1212506
Project Number:	TO-0010-05	**Report Date:**	08/15/12

GLOSSARY

Acronyms

EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than five times (5x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit.
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
D	- Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
E	- Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
G	- The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
H	- The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
I	- The RPD between the results for the two columns exceeds the method-specified criteria; however, the lower value has been reported due to obvious interference.
M	- Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
NJ	- Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

Report Format: Data Usability Report

Project Name:	NEW BEDFORD AEROVOX	**Lab Number:**	L1212506
Project Number:	TO-0010-05	**Report Date:**	08/15/12

Data Qualifiers

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the reporting limit (RL) for the sample.

Report Format: Data Usability Report

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212506

Project Number: TO-0010-05 **Report Date:** 08/15/12

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certificate/Approval Program Summary

Last revised August 3, 2012 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0574. ***NELAP Accredited Solid Waste/Soil.***

Drinking Water (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Nickel, Selenium, Silver, Sodium, Thallium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP) 504.1, Ethylene Dibromide (EDB) 504.1, 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223, Enumeration and P/A), E. Coli. – Colilert (SM9223, Enumeration and P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform-EC Medium (SM 9221E).

Wastewater/Non-Potable Water (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), E. Coli – Colilert (SM9223 Enumeration), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E), Enterococcus - Enterolert.

Solid Waste/Soil (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Dalapon, Volatile Organics (SW 8260), Acid Extractables (Phenols) (SW 8270), Benzidines (SW 8270), Phthalates (SW 8270), Nitrosamines (SW 8270), Nitroaromatics & Cyclic Ketones (SW 8270), PAHs (SW 8270), Haloethers (SW 8270), Chlorinated Hydrocarbons (SW 8270).)

Maine Department of Human Services Certificate/Lab ID: 2009024.
Drinking Water (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 353.2, SM2130B, 2320B, 2540C, 4500Cl-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 350.1, 351.1, 353.2, 410.4, 420.1, SM2320B, 2510B, 2540C, 2540D, 426C, 4500Cl-D, 4500Cl-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-B, 4500Norg-C, 4500NH3-B, 4500NH3-G, 4500NO3-F, 4500P-B, 4500P-E, 5210B, 5220D, 5310C, 9010B, 9040B, 9030B, 7470A, 7196A, 2340B, EPA 200.7, 6010B, 200.8, 6020, 245.1, 1311, 1312, 3005A, Enterolert, 9223D, 9222D. Organic Parameters: 608, 624, 625, 8081A, 8082, 8330, 8151A, 8260B, 8270C, 3510C, 3630C, 5030B, ME-DRO, ME-GRO, MA-EPH, MA-VPH.)

Solid Waste/Soil (Inorganic Parameters: 9010B, 9012A, 9014A, 9030B, 9040B, 9045C, 6010B, 7471A, 7196A, 9050A, 1010, 1030, 9065, 1311, 1312, 3005A, 3050B. Organic Parameters: ME-DRO, ME-GRO, MA-EPH, MA-VPH, 8260B, 8270C, 8330, 8151A, 8081A, 8082, 3540C, 3546, 3580A, 3630C, 5030B, 5035.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.
*Drinking Water (*Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl) (EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate); (EPA 353.2 for: Nitrate-N, Nitrite-N); (SM4500NO3-F for: Nitrate-N and Nitrite-N); 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, 2320B, SM2540C, SM4500H-B. Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics); (504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), EPA 332. Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; ColilertQT SM9223B; MF-SM9222D.)

Non-Potable Water (Inorganic Parameters:, (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn); (EPA 200.7

for: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn); 245.1, SM4500H,B, EPA 120.1, SM2510B, 2540C, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.
Organic Parameters: (EPA 624 for Volatile Halocarbons, Volatile Aromatics),(608 for: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT,Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs-Water), (EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables), 600/4-81-045-PCB-Oil. Microbiology Parameters: (ColilertQT SM9223B; Enterolert-QT: SM9222D-MF.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM 9222B, 9223B, 9215B, EPA 200.7, 200.8, 300.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 332.0. Organic Parameters: 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM9222D, 9221B, 9222B, 9221E-EC, EPA 3005A, 200.7, 200.8, 245.1, SW-846 6010B, 6010C, 6020, 6020A, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 350.2, 351.1, 353.2, 410.4, 420.1, 426C, 1664A, SW-846 9010B, 9030B, 9040B, SM2120B, 2310B, 2320B, 2540B, 2540D, 4500H+B, 4500CL-E, 4500CN-E, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500P-E, 4500-S2-D, 5210B, 5220D, 2510B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D, 3060A. Organic Parameters: SW-846 3510C, 3630C, 5030B, 8260B, 8270C, 8270D, 8330, EPA 624, 625, 608, SW-846 8082, 8082A, 8081A, 8081B, 8151A, 8330, 8270C-SIM, 8270D-SIM.)

Solid & Chemical Materials (Inorganic Parameters: SW-846 6010B, 6010C, 7196A, 7471A, 1010, 1030, 9010, 9012A, 9014, 9030B, 9040B, 9045C, 9050, 9065,1311, 1312, 3005A, 3050B, 3060A. Organic Parameters: SW-846 3540C, 3546, 3050B, 3580A, 3630C, 5030B, 5035, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330, 8151A, 8015B, 8015C, 8082, 8082A, 8081A, 8081B.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9222B, 9221E, 9223B, 9215B, 4500CN-CE, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 200.8, 245.1, 2540C, SM2120B, 2320B, 2510B, 5310C, SM4500H-B. Organic Parameters: EPA 332, 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM5210B, EPA 410.4, SM5220D, 4500Cl-E, EPA 300.0, SM2120B, 2340B, SM4500F-BC, EPA 200.7, 200.8, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310B, C or D, 4500-PE, EPA 420.1, SM510ABC, SM4500P-B5+E, 2540B, 2540C, 2540D, 2540G, EPA 120.1, SM2510B, SM2520B, SM15 426C, 9222D, 9221B, 9221C, 9221E, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, EPA 350.1, 350.2, SW-846 1312, 7470A, 5540C, SM4500H-B, 4500SO3-B, SM3500Cr-D, 4500CN-CE, EPA 245.1, SW-846 9040B, 3005A, 3015, EPA 6010B, 6010C, 6020, 6020A, 7196A, 3060A, SW-846 9010B, 9030B. Organic Parameters: SW-846 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3510C, EPA 608, 624, 625, SW-846 3630C, 5030B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 1,4-Dioxane by NJ Modified 8270, 8015B, NJ EPH.)

Solid & Chemical Materials (Inorganic Parameters: SW-846, 6010B, 6010C, 6020, 6020A, 7196A, 3060A, 9010B, 9030B, 1010, 1030, 1311, 1312, 3005A, 3050B, 7471A, 7471B, 9014, 9012A, 9040B, 9040C, 9045C, 9045D, 9050A, 9065, 9251. Organic Parameters: SW-846 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3540C, 3546, 3580A, 3630C, 5030B, 5035L, 5035H, NJ OQA-QAM-025 Rev.7, NJ EPH.)

New York Department of Health Certificate/Lab ID: 11148. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.2, SM5310C, EPA 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500NO3-F, 2540C, SM 2510B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, 5310C, EPA 410.4, SM5220D, 2310B-4a, 2320B, EPA 200.7, 300.0, SM4500CL-E, 4500F-C, SM15 426C, EPA 350.1, SM4500NH3-BH, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010B, 6010C, 6020, 6020A, EPA 7196A, SM3500Cr-D, EPA 245.1, 245.2, 7470A, SM2120B, LACHAT 10-204-00-1-A, 4500CN-CE, EPA 1664A, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 3005A, 3015, 9010B, 9030B. Organic Parameters: EPA 624, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 625, 608, 8081A, 8081B, 8151A, 8330, 8082, 8082A, EPA 3510C, 5030B.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010, 1030, EPA 6010B, 6010C, 7196A, 7471A, 7471B, 9012A, 9014, 9065, 9050A, EPA 1311, 1312, 3005A, 3050B, 9010B, 9040C, 9045D. Organic Parameters: EPA 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8015B, 8015C, 8081A, 8081B, 8151A, 8330, 8082 8082A, 3540C, 3546, 3580, 3580A, 5030B, 5035H, 5035L.)

North Carolina Department of the Environment and Natural Resources Certificate/Lab ID : 666. (Inorganic Parameters: SM2310B, 2320B, 4500Cl-E, 4500Cn-E, 9014, Lachat 10-204-00-1-X, 1010A, 1030, 4500NO3-F, 353.2, 4500P-E, 4500SO4-E, 300.0, 4500S-D, 5310B, 5310C, 6010C, 6020A, 200.7, 200.8, 3500Cr-B, 7196A, 245.1, 7471A, 7471B, 1311,1312. Organic Parameters: 608, 8081B, 8082A, 624, 8260B, 625, 8270D, 8151A, 8015C, 504.1, MA-EPH, MA-VPH.)

Drinking Water Program Certificate/Lab ID: 25700. (Inorganic Parameters: Chloride EPA 300.0. Organic Parameters: 524.2)

Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: 200.7, 200.8, 245.2, 300.0, 332.0, 2120B, 2320B, 2510B, 2540C, 4500-CN-CE, 4500F-C, 4500H+-B, 4500NO3-F, 5310C. Organic Parameters: EPA 524.2, 504.1)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1312, 3005A,3015, 3060A, 200.7, 200.8, 410.4, 1664A, SM2540D, 5210B, 5220D, 4500-P,BE, 245.1, 300.0, 3501., 350.2, 353.2, 420.1, 6010B, 6010C, 6020, 6020A, 7196A, 7470A, 9010B, 9030B, 9040B, Lachat 10-107-06-2-D, NJ-EPH, 2120B, 2310B, 2320B, 2340B, 2510C, 2540B, 2540C, 3500Cr-D, 436C, 4500CN-CE, 4500Cl-E, 4500F-B, 4500F-C, 4500H+-B, 4500NO2-B, 4500NO3-F, 4500S-D, 4500SO3-B, 5310BCD, 5540C. Organic Parameters: EPA 3510C, 3630C, 5030B, 625, 624, 608, 8081A, 8081B, 8082, 8082A, 8151A, 8260B, 8270C, 8270D, 8330, 8015B,)

Solid & Hazardous Waste (Inorganic Parameters: EPA 350.1, 1010, 1030, 1311, 1312, 3005A, 3050B, 3060A, 6010B, 6010C, 6020A, 7196A, 7471A, 7471B, 9010B, 9012A, 9014, 9040B, 9045C, 9050, 9065, SM 4500NH3-BH, 9030B, 9038, 9251. Organic Parameters: 3540C, 3546, 3580A, 3630C, 5035, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330, NJ-EPH.)

Rhode Island Department of Health Certificate/Lab ID: LAO00065. ***NELAP Accredited via NJ-DEP.***
Refer to MA-DEP Certificate for Potable and Non-Potable Water.
Refer to NJ-DEP Certificate for Potable and Non-Potable Water.

Texas Commisson on Environmental Quality Certificate/Lab ID: T104704476-09-1. ***NELAP Accredited.***
Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 $S2^{-}$D, 510C, 5210B, 5220D, 5310C, 5540C. Organic Parameters: EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

Virginia Division of Consolidated Laboratory Services Certificate/Lab ID: 460195. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: EPA 200.7, 200.8, 300.0, 2510B, 2120B, 2540C, 4500CN-CE, 245.2, 2320B, 4500F-C, 4500F-C, 4500NO3-F, 5310C. Organic Parameters: EPA 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 200.7, 2..08, 245.1, 300.0, 3005A, 3015, 1312, 6010B, 6010C, 3060A, 353.2, 420.1, 6020, 6020A, SM4500S-D, SM4500-CN-CE, Lachat 10-204-00-1-X, 7196A, 7470A, 9010B, 9040B, 2310B, 2320B, 2510B, 2540B, 2540C, 3500Cr-D, 426C, 4500Cl-E, 4500F-B, 4500F-C, 4500PE, 510AC, 5210B, 5310B 5310C, 5540C. Organic Parameters: EPA 3510C, 3630C, 5030B, 8260B, 608, 624, 625, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330,)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010A, 1030, 3060A, 3050B, 1311, 1312, 6010B, 6010C, 6020, , 7196A, 7471A, 7471B, 6020A, 9030B, 9010B, 9012A, 9014 9040B, 9045C, 9050A, 9065. Organic Parameters: EPA 5035, 3540C, 3546, 3550, 3580, 3630C, 8260B, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330.)

Department of Defense, L-A-B Certificate/Lab ID: L2217.
Drinking Water (Inorganic Parameters: SM 4500H-B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: EPA 200.7, 200.8, 6010B, 6010C, 6020, 6020A, 245.1, 245.2, 7470A, 9040B, 9010B, 180.1. 300.0, 332.0, 6860, 353.2, 410.4, 9060, 1664A, SM 4500CN-E, 4500H-B, 4500NO3-F, 4500CL-D, 5220D, 5310C, 2130B, 2320B, 2540C, 3005A, 3015, 9010B, 9056. Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A, 8082, 8082A, 8021A, 8081B, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 200.7, 6010B, 6010C, 7471A, 6860, 1311, 1312, 3050B, 7196A, 9010B, 9012A, 9040B, 9045C, 3500-CR-D, 4500CN-CE, 2540G, Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A/B-prep, 8082, 8082A, 8081A, 8081B, 3540C, 3546, 3580A, 5035A, MassDEP EPH, MassDEP VPH.)

The following analytes are not included in our current NELAP/TNI Scope of Accreditation:
EPA 8260B: Freon-113, 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8330A:** PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C:** Methyl naphthalene, Dimethyl naphthalene, Total Methylnapthalenes, Total Dimethylnaphthalenes, 1,4-Diphenylhydrazine (Azobenzene). **EPA 625:** 4-Chloroaniline, 4-Methylphenol. Total Phosphorus in a soil matrix, Chloride in a soil matrix, TKN in a soil matrix, NO2 in a soil matrix, NO3 in a soil matrix, SO4 in a soil matrix. **EPA 9071:** Total Petroleum Hydrocarbons, Oil & Grease

CHAIN OF CUSTODY

PAGE 1 OF 6

Date Rec'd in Lab: 7/13/12

ALPHA Job #: L1212506

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave WALSH
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)
Date Due: Time: 24 hr

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State / Fed Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: *CAM* methods for inorganic analyses require MS every 20 soil samples)
TAT: Aroclors and High VOC have 24 hr TAT, everything else is 15 business days. Project-specific EDD. Homogenize before analysis

SAMPLE HANDLING
Filtration
☐ Done ☐ Not needed ☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC (6260 c)	Low VOC (8260 c)	SVOC (8270 c)	Total Solids	PCB Aroclors (8082)	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
12506 -01	S-12L-B001-1.0-1.5	7/12/12	1245	SE	DGS	X						ASB-1 = B001	5
-01	S-12L-B001-1.0-1.5	"	"	"	"		X						2
-01	S-12L-B001-1.0-1.5	"	"	"	"			X	X	X		All 3 analyses	1
-01	S-12L-B001-1.0-1.5	"	"	"	"						X	Archive	1
-02	TB-071212-02	7/6/12	1800		"		X					Trip Blank #2	2
-02	TB-071212-03	7/6/12	1805		"	X						Trip Blank #3	2
	EB-071212-01	7/12/12	1200	SW	DRW	X						Equip. Blank	2
	EB-071212-01	"	1200	SW	DRW			X				Equip Blank	1
-03	S-12L-B001-4.0-4.5	"	1245	SE	EGH	X							2
-03	S-12L-B001-4.0-4.5	"	1245	SE	EGH		X						2
	Container Type					V	V	A	A	A	A		
	Preservative					F	O	A	A	A	A		

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Dave Walsh	7/13/12 1515	T. Handlon	7/13/12 1530
T. Handlon	7/13/12	Eguette	7/13/12 17:20

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Delivery Order 05 April 2013

Sediment Sampling Offshore Containment Analysis Off the Former Aerovox Site Property Shoreline W912WJ-09-D-0001

CHAIN OF CUSTODY

PAGE 2 OF 6

Date Rec'd in Lab: 7/13/12

ALPHA Job #: L1212506

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)

Date Due: Time: 24 hr

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State / Fed Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
TS, Aroclors and High VOCs have 24 hr TAT, everything else is 15 business days, Project specific EDD, Homogenize before analysis

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC (8260 c)	Low VOC (8260 c)	SVOC (8270 c)	Total Solids	PCB Aroclors (8082)	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
21506-03	S-12L-B001-4.0-4.5	7/12/12	1245	SE	EGH			X	X	X		All 3 analyses	2
-03	S-12L-B001-4.0-4.5		1245		DGS						X	Archive	1
-04	S-12L-B001-6.0-6.5		1315		DGS	X							1
-04	S-12L-B001-6.0-6.5		1315		DGS		X						2
-04	S-12L-B001-6.0-6.5		1315		DGS			X	X	X		All 3 analyses	2
-04	S-12L-B001-6.0-6.5		1315		DGS						X	Archive	1
-05	S-12L-B001-~~X~~ DGS 21.5-22.0		1500			X							
-05	S-12L-B001-21.5-22.0						X						
-05	S-12L-B001-21.5-22.0							X	X	X		All 3 analyses	
-05	S-12L-B001-21.5-22.0										X	Archive	
					Container Type	V	V	A	A	A	A		
					Preservative	F	O	A	A	A	A		

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	7/13/13 1515	T. Hurdle	7/13/12 1530
T. Hurdle	7/13/12	[signature]	7/13/12 1730

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Sediment Boring Collection and Analysis
Off the Former Aerovox Site Property Shoreline
W912WJ-09-D-0001
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CHAIN OF CUSTODY

PAGE 3 OF 6

Date Rec'd in Lab: 7/13/12

ALPHA Job #: L1212506

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)
Date Due: Time: 24 hrs

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

B, Aroclors and High VOCs have 24 hr TAT, everything else is 15 business days. Project specific EDD. Homogenize before analysis

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC (8260c)	Low VOC (8260c)	SVOC (8270c)	Total solids	PCB Aroclors (8082)	PCB congeners (Archive)	TOTAL # BOTTLES	Sample Specific Comments
21506 -06	S-12L-B001-16.7-17.2	7/12/12	1425	SE	DGS	X						D,B	
-06	S-12L-B001-16.7-17.2						X					2	
-06	S-12L-B001-16.7-17.2							X	X	X		1	All 3 analyses
-06	S-12L-B001-16.7-17.2									X		1	Archive
-07	S-12L-B001-18.6-19.1		1425			X						1	
-07	S-12L-B001-18.6-19.1						X					1	
-07	S-12L-B001-18.6-19.1							X	X	X		1	All 3 analyses
-07	S-12L-B001-18.6-19.1									X		1	Archive
-08	S-12L-B001-18.6-19.1 REP					X						1	REP
-08	S-12L-B001-18.6-19.1 REP						X					1	REP
	Container Type					V	V	A	A	A	A		
	Preservative					F	O	A	A	A	A		

SAMPLE HANDLING
Filtration
☐ Done ☐ Not needed ☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Dave Walsh	7/13/12 1515	T. Hadden	7/13/12 1530
T. Hadden	7/13/12	Eric Gustafson	7/13/12 1730

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Sediment Boring Collection and Analysis
Off the Former Aerovox Site Property Shoreline
W912WJ-09-D-0001

CHAIN OF CUSTODY

PAGE 4 OF 6

Date Rec'd in Lab: 7/13/12

ALPHA Job #: L1212506

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr East Falmouth, MA ~~02540~~ 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford - Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)

Date Due: Time: 24 hrs

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State / Fed Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

TS, Aroclors and High VOCs are 24-hr turnaround time, everything else is 15 business days. Project-specific EDD. Homogenize samples

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC (8260C)	Low VOC (8260C)	SVOC (8270C)	Total solids	PCB Aroclors (8082)	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
21506-08	S-12L-B001-18.6-19.1 REP	7/12/12	1425	SE	DGS			X	X	X		All 3 analyses REP	~~D-88~~
-08	S-12L-B001-18.6-19.1 REP		1425								X	Archive REP	1
-09	S-12L-B001-23.5-24.0		1500			X							1
-09	S-12L-B001-23.5-24.0						X						2
-09	S-12L-B001-23.5-24.0							X	X	X		All 3 analyses	1
-09	S-12L-B001-23.5-24.0										X	Archive	1
-10	S-12L-B001-25.3-25.8		1525			X							
-10	S-12L-B001-25.3-25.8						X						
-10	S-12L-B001-25.3-25.8							X	X	X		All 3 Analyses	
-10	S-12L-B001-25.3-25.8										X	Archive	
					Container Type	V	V	A	A	A	A		
					Preservative	F	O	A	A	A	A		

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Dave Walsh	7/13/12 1515	T. Hudson	7/13/12 1530
T. Hudson	7/13/12	[signature]	7/13/12 1730

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Sediment Boring Collection and Analysis
Off the Former Aerovox Site Property Shoreline
W912WJ-09-D-0001

CHAIN OF CUSTODY

PAGE 5 OF 6

ALPHA ANALYTICAL

WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193

MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 7/13/12

ALPHA Job #: L1212506

Client Information

Client: WOODS Hole Group

Address: 81 Technology Park Dr
East Falmouth, MA 02536

Phone: 508-540-8080

Fax: 508-540-1001

Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox

Project Location: New Bedford, MA

Project #: TO-0010-05

Project Manager: Dave Walsh

ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)

Date Due: Time: 24 hr

Report Information - Data Deliverables

☐ FAX ☒ EMAIL

☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?

☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)

☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required , indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

Total Solids, Aroclors, and High VOCs have 24 hr TAT, all else is 15 business days. Project specific EDD. Homogenize

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC (8260 c)	Low VOC (8260 c)	SVOC (8270 c)	Total Solids	PCB Aroclors (8082)	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
21506-11	S-12L-B001-27.2-27.7	7/12/12	1525	SE	DGS	X							
-11	S-12L-B001-27.2-27.7	"	"	"	"		X						2
-11	S-12L-B001-27.2-27.7	"	"	"	"			X	X	X		All 3 analyses	1
-11	S-12L-B001-27.2-27.7	"	"	"	"					X		Archive	1
	EB-071312-01	7/13/12	0900	SW	DRW	X						Equipment Blank	3
	EB-071312-01	7/13/12	0900	SW	DRW			X				Equipment Blank	1
-12	S-12L-B002-1.0-1.5	7/13/12	0755	SE	DGS	X						ASB-2	
-12	S-12L-B002-1.0-1.5	"	"	"	"		X						
-12	S-12L-B002-1.0-1.5	"	"	"	"			X	X	X		All 3 analyses	
-12	S-12L-B002-1.0-1.5	"	"	"	"					X		Archive	

SAMPLE HANDLING

Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

Container Type	V	V	A	A	A	A							
Preservative	F	O	A	A	A	A							

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Dave Walsh	7/13/12 1515	T. Hudak	7/13/12 1530
T. Hudak	7/13/12	Eyoot	7/13/12 1230

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Del: Order Approved 1-05-13

Sediment Boring Collection Equipment Blank

Off the Former Aerovox Site Property Shoreline W912WJ-09-D-0001

CHAIN OF CUSTODY

PAGE 6 OF 6

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 7/13/12

ALPHA Job #: L1212916

Client Information

Client: Woods Hole Group
Address: 81 Technology Park, East Falmouth, MA 02536 ~~02540~~
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)
Date Due: Time: 24 hr

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

TS, Aroclors and High VOC are 24 TAT, everything else is 15 business days. Project specific EDD. Homogenize before analysis

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC (8260 c)	Low VOC (8260 c)	SVOC (8270 c)	Total Solids	PCB Aroclors (8082)	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
21520-13	S-12L-B002-3.0-3.5	7/13/13	0755	SE	DGS	X						ASB-2	1
-13	S-12L-B002-3.0-3.5						X						2
-13	S-12L-B002-3.0-3.5							X	X	X		All 3 analyses	1
-13	S-12L-B002-3.0-3.5									X		Archive	1
Container Type						V	V	A	A	A	A		
Preservative						F	O	A	A	A	A		

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Dave Walsh	7/13/12 1515	T. Hurdale	7/13/12 1553
T. Hurdale	7/13/12		7/13/12

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Sediment Boring Collection and Analysis Off the Former Aerovox Site Property Shoreline W912WJ-09-D-0001

ANALYTICAL REPORT

Lab Number:	L1212508
Client:	Woods Hole Group 81 Technology Park Drive East Falmouth, MA 02536
ATTN:	Dave Walsh
Phone:	(508) 540-8080
Project Name:	NEW BEDFORD AEROVOX
Project Number:	TO-0010-05
Report Date:	08/13/12

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212508
Report Date: 08/13/12

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1212508-01	S-12L-B001-1.0-1.5	NEW BEDFORD, MA	07/12/12 12:45
L1212508-02	EB-071212-01	NEW BEDFORD, MA	07/12/12 12:00
L1212508-03	S-12L-B001-4.0-4.5	NEW BEDFORD, MA	07/12/12 12:45
L1212508-04	S-12L-B001-6.0-6.5	NEW BEDFORD, MA	07/12/12 13:15
L1212508-05	S-12L-B001-21.5-22.0	NEW BEDFORD, MA	07/12/12 15:00
L1212508-06	S-12L-B001-16.7-17.2	NEW BEDFORD, MA	07/12/12 14:25
L1212508-07	S-12L-B001-18.6-19.1	NEW BEDFORD, MA	07/12/12 12:45
L1212508-08	S-12L-B001-18.6-19.1 REP	NEW BEDFORD, MA	07/12/12 12:45
L1212508-09	S-12L-B001-23.5-24.0	NEW BEDFORD, MA	07/12/12 15:00
L1212508-10	S-12L-B001-25.3-25.8	NEW BEDFORD, MA	07/12/12 15:25
L1212508-11	S-12L-B001-27.2-27.7	NEW BEDFORD, MA	07/12/12 15:25
L1212508-12	EB-071312-01	NEW BEDFORD, MA	07/13/12 09:25
L1212508-13	S-12L-B002-1.0-1.5	NEW BEDFORD, MA	07/13/12 07:55
L1212508-14	S-12L-B002-3.0-3.5	NEW BEDFORD, MA	07/13/12 07:55
L1212508-15	TB-071212-03	NEW BEDFORD, MA	07/13/20 00:00
L1212508-16	TB-071212-02	NEW BEDFORD, MA	07/12/20 00:00

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508
Project Number: TO-0010-05 **Report Date:** 08/13/12

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples free of charge for 30 days from the date the project is completed. After 30 days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples.

Please contact Client Services at 800-624-9220 with any questions.

Project Name:	NEW BEDFORD AEROVOX	**Lab Number:**	L1212508
Project Number:	TO-0010-05	**Report Date:**	08/13/12

Case Narrative (continued)

Report Submission

This report replaces the report issued on July 30, 2012.

-- The Volatile Organics QC has now includes the full analyte list.

-- The Semivolatile Organics QC has now includes the full analyte list.

-- The PCB analysis now includes surrogate recoveries from one channel only.

-- L121250801, -03 through -11, and -13 through -16 are now reported as Sediments.

Volatile Organics

Samples that were non-detect when analyzed high level originally in L1212506 are found within this report. The WG549462-3 Method Blank, associated with L1212508-02 and -12, has a concentration above the reporting limit for Chloroform. Since the samples were non-detect for this target analyte, no further actions were taken. The results of the original analysis are reported.

Semivolatile Organics

L1212508-03 has elevated detection limits due to the dilution required by the sample matrix.

The surrogate recoveries for L1212508-03 are below the acceptance criteria for 2-Fluorophenol, Phenol-d6, Nitrobenzene-d5, 2-Fluorobiphenyl, and 4-Terphenyl-d14 (all 0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Cynthia McQueen

Title: Technical Director/Representative Date: 08/13/12

ORGANICS

VOLATILES

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1212508-02	Date Collected:	07/12/12 12:00
Client ID:	EB-071212-01	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	1,8260B		
Analytical Date:	07/18/12 13:55		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	1
1,1-Dichloroethane	ND		ug/l	0.75	--	1
Chloroform	ND		ug/l	0.75	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	1.8	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.75	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
Trichlorofluoromethane	ND		ug/l	2.5	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.75	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	1.0	--	1
Vinyl chloride	ND		ug/l	1.0	--	1
Chloroethane	ND		ug/l	1.0	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	2.5	--	1
1,3-Dichlorobenzene	ND		ug/l	2.5	--	1
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
Methyl tert butyl ether	ND		ug/l	1.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1212508-02 Date Collected: 07/12/12 12:00

Client ID: EB-071212-01 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/l	1.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
Xylenes, Total	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1
1,2-Dibromoethane	ND		ug/l	2.0	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1
Methyl Acetate	ND		ug/l	10	--	1
Cyclohexane	ND		ug/l	10	--	1
1,4-Dioxane	ND		ug/l	250	--	1
Freon-113	ND		ug/l	10	--	1
Methyl cyclohexane	ND		ug/l	10	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	98		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1212508-07	Date Collected:	07/12/12 12:45
Client ID:	S-12L-B001-18.6-19.1	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/23/12 15:45		
Analyst:	BN		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	24	--	1
1,1-Dichloroethane	ND		ug/kg	4.8	--	1
Chloroform	ND		ug/kg	4.8	--	1
Carbon tetrachloride	ND		ug/kg	4.8	--	1
1,2-Dichloropropane	ND		ug/kg	9.7	--	1
Dibromochloromethane	ND		ug/kg	4.8	--	1
1,1,2-Trichloroethane	ND		ug/kg	4.8	--	1
Tetrachloroethene	ND		ug/kg	4.8	--	1
Chlorobenzene	ND		ug/kg	4.8	--	1
Trichlorofluoromethane	ND		ug/kg	12	--	1
1,2-Dichloroethane	ND		ug/kg	4.8	--	1
1,1,1-Trichloroethane	ND		ug/kg	4.8	--	1
Bromodichloromethane	ND		ug/kg	4.8	--	1
trans-1,3-Dichloropropene	ND		ug/kg	4.8	--	1
cis-1,3-Dichloropropene	ND		ug/kg	4.8	--	1
Bromoform	ND		ug/kg	9.7	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	4.8	--	1
Benzene	ND		ug/kg	4.8	--	1
Toluene	ND		ug/kg	4.8	--	1
Ethylbenzene	ND		ug/kg	4.8	--	1
Chloromethane	ND		ug/kg	12	--	1
Bromomethane	ND		ug/kg	4.8	--	1
Vinyl chloride	ND		ug/kg	4.8	--	1
Chloroethane	ND		ug/kg	4.8	--	1
1,1-Dichloroethene	ND		ug/kg	4.8	--	1
trans-1,2-Dichloroethene	ND		ug/kg	4.8	--	1
Trichloroethene	77		ug/kg	4.8	--	1
1,2-Dichlorobenzene	ND		ug/kg	12	--	1
1,3-Dichlorobenzene	ND		ug/kg	12	--	1
1,4-Dichlorobenzene	ND		ug/kg	12	--	1
Methyl tert butyl ether	ND		ug/kg	4.8	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1212508-07 Date Collected: 07/12/12 12:45

Client ID: S-12L-B001-18.6-19.1 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	9.7	--	1
o-Xylene	ND		ug/kg	9.7	--	1
Xylenes, Total	ND		ug/kg	9.7	--	1
cis-1,2-Dichloroethene	ND		ug/kg	4.8	--	1
Styrene	ND		ug/kg	9.7	--	1
Dichlorodifluoromethane	ND		ug/kg	24	--	1
Acetone	ND		ug/kg	87	--	1
Carbon disulfide	ND		ug/kg	24	--	1
2-Butanone	ND		ug/kg	24	--	1
4-Methyl-2-pentanone	ND		ug/kg	24	--	1
2-Hexanone	ND		ug/kg	24	--	1
Bromochloromethane	ND		ug/kg	12	--	1
1,2-Dibromoethane	ND		ug/kg	9.7	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	12	--	1
Isopropylbenzene	ND		ug/kg	4.8	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	12	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	12	--	1
Methyl Acetate	ND		ug/kg	48	--	1
Cyclohexane	ND		ug/kg	48	--	1
1,4-Dioxane	ND		ug/kg	240	--	1
Methyl cyclohexane	ND		ug/kg	9.7	--	1
Freon-113	ND		ug/kg	48	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	109		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1212508-08	Date Collected:	07/12/12 12:45
Client ID:	S-12L-B001-18.6-19.1 REP	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/23/12 16:19		
Analyst:	BN		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	20	--	1
1,1-Dichloroethane	ND		ug/kg	4.1	--	1
Chloroform	ND		ug/kg	4.1	--	1
Carbon tetrachloride	ND		ug/kg	4.1	--	1
1,2-Dichloropropane	ND		ug/kg	8.2	--	1
Dibromochloromethane	ND		ug/kg	4.1	--	1
1,1,2-Trichloroethane	ND		ug/kg	4.1	--	1
Tetrachloroethene	ND		ug/kg	4.1	--	1
Chlorobenzene	ND		ug/kg	4.1	--	1
Trichlorofluoromethane	ND		ug/kg	10	--	1
1,2-Dichloroethane	ND		ug/kg	4.1	--	1
1,1,1-Trichloroethane	ND		ug/kg	4.1	--	1
Bromodichloromethane	ND		ug/kg	4.1	--	1
trans-1,3-Dichloropropene	ND		ug/kg	4.1	--	1
cis-1,3-Dichloropropene	ND		ug/kg	4.1	--	1
Bromoform	ND		ug/kg	8.2	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	4.1	--	1
Benzene	ND		ug/kg	4.1	--	1
Toluene	ND		ug/kg	4.1	--	1
Ethylbenzene	ND		ug/kg	4.1	--	1
Chloromethane	ND		ug/kg	10	--	1
Bromomethane	ND		ug/kg	4.1	--	1
Vinyl chloride	ND		ug/kg	4.1	--	1
Chloroethane	ND		ug/kg	4.1	--	1
1,1-Dichloroethene	ND		ug/kg	4.1	--	1
trans-1,2-Dichloroethene	ND		ug/kg	4.1	--	1
Trichloroethene	140		ug/kg	4.1	--	1
1,2-Dichlorobenzene	ND		ug/kg	10	--	1
1,3-Dichlorobenzene	ND		ug/kg	10	--	1
1,4-Dichlorobenzene	ND		ug/kg	10	--	1
Methyl tert butyl ether	ND		ug/kg	4.1	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1212508-08 Date Collected: 07/12/12 12:45

Client ID: S-12L-B001-18.6-19.1 REP Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	8.2	--	1
o-Xylene	ND		ug/kg	8.2	--	1
Xylenes, Total	ND		ug/kg	8.2	--	1
cis-1,2-Dichloroethene	8.1		ug/kg	4.1	--	1
Styrene	ND		ug/kg	8.2	--	1
Dichlorodifluoromethane	ND		ug/kg	20	--	1
Acetone	ND		ug/kg	74	--	1
Carbon disulfide	ND		ug/kg	20	--	1
2-Butanone	ND		ug/kg	20	--	1
4-Methyl-2-pentanone	ND		ug/kg	20	--	1
2-Hexanone	ND		ug/kg	20	--	1
Bromochloromethane	ND		ug/kg	10	--	1
1,2-Dibromoethane	ND		ug/kg	8.2	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	10	--	1
Isopropylbenzene	ND		ug/kg	4.1	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	10	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	10	--	1
Methyl Acetate	ND		ug/kg	41	--	1
Cyclohexane	ND		ug/kg	41	--	1
1,4-Dioxane	ND		ug/kg	200	--	1
Methyl cyclohexane	ND		ug/kg	8.2	--	1
Freon-113	ND		ug/kg	41	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	109		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1212508-11
Client ID: S-12L-B001-27.2-27.7
Sample Location: NEW BEDFORD, MA
Matrix: Sediment
Analytical Method: 1,8260B
Analytical Date: 07/23/12 16:54
Analyst: BN
Percent Solids: 95%

Date Collected: 07/12/12 15:25
Date Received: 07/13/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	22	--	1
1,1-Dichloroethane	ND		ug/kg	4.4	--	1
Chloroform	ND		ug/kg	4.4	--	1
Carbon tetrachloride	ND		ug/kg	4.4	--	1
1,2-Dichloropropane	ND		ug/kg	8.8	--	1
Dibromochloromethane	ND		ug/kg	4.4	--	1
1,1,2-Trichloroethane	ND		ug/kg	4.4	--	1
Tetrachloroethene	ND		ug/kg	4.4	--	1
Chlorobenzene	ND		ug/kg	4.4	--	1
Trichlorofluoromethane	ND		ug/kg	11	--	1
1,2-Dichloroethane	ND		ug/kg	4.4	--	1
1,1,1-Trichloroethane	ND		ug/kg	4.4	--	1
Bromodichloromethane	ND		ug/kg	4.4	--	1
trans-1,3-Dichloropropene	ND		ug/kg	4.4	--	1
cis-1,3-Dichloropropene	ND		ug/kg	4.4	--	1
Bromoform	ND		ug/kg	8.8	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	4.4	--	1
Benzene	ND		ug/kg	4.4	--	1
Toluene	ND		ug/kg	4.4	--	1
Ethylbenzene	ND		ug/kg	4.4	--	1
Chloromethane	ND		ug/kg	11	--	1
Bromomethane	ND		ug/kg	4.4	--	1
Vinyl chloride	ND		ug/kg	4.4	--	1
Chloroethane	ND		ug/kg	4.4	--	1
1,1-Dichloroethene	ND		ug/kg	4.4	--	1
trans-1,2-Dichloroethene	ND		ug/kg	4.4	--	1
Trichloroethene	12		ug/kg	4.4	--	1
1,2-Dichlorobenzene	ND		ug/kg	11	--	1
1,3-Dichlorobenzene	ND		ug/kg	11	--	1
1,4-Dichlorobenzene	ND		ug/kg	11	--	1
Methyl tert butyl ether	ND		ug/kg	4.4	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1212508-11 Date Collected: 07/12/12 15:25

Client ID: S-12L-B001-27.2-27.7 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	8.8	--	1
o-Xylene	ND		ug/kg	8.8	--	1
Xylenes, Total	ND		ug/kg	8.8	--	1
cis-1,2-Dichloroethene	ND		ug/kg	4.4	--	1
Styrene	ND		ug/kg	8.8	--	1
Dichlorodifluoromethane	ND		ug/kg	22	--	1
Acetone	ND		ug/kg	79	--	1
Carbon disulfide	ND		ug/kg	22	--	1
2-Butanone	ND		ug/kg	22	--	1
4-Methyl-2-pentanone	ND		ug/kg	22	--	1
2-Hexanone	ND		ug/kg	22	--	1
Bromochloromethane	ND		ug/kg	11	--	1
1,2-Dibromoethane	ND		ug/kg	8.8	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	11	--	1
Isopropylbenzene	ND		ug/kg	4.4	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	11	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	11	--	1
Methyl Acetate	ND		ug/kg	44	--	1
Cyclohexane	ND		ug/kg	44	--	1
1,4-Dioxane	ND		ug/kg	220	--	1
Methyl cyclohexane	ND		ug/kg	8.8	--	1
Freon-113	ND		ug/kg	44	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	127		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	114		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1212508-12	Date Collected:	07/13/12 09:25
Client ID:	EB-071312-01	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	1,8260B		
Analytical Date:	07/18/12 14:32		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	1
1,1-Dichloroethane	ND		ug/l	0.75	--	1
Chloroform	ND		ug/l	0.75	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	1.8	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.75	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
Trichlorofluoromethane	ND		ug/l	2.5	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.75	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	1.0	--	1
Vinyl chloride	ND		ug/l	1.0	--	1
Chloroethane	ND		ug/l	1.0	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	2.5	--	1
1,3-Dichlorobenzene	ND		ug/l	2.5	--	1
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
Methyl tert butyl ether	ND		ug/l	1.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1212508-12 Date Collected: 07/13/12 09:25

Client ID: EB-071312-01 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/l	1.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
Xylenes, Total	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1
1,2-Dibromoethane	ND		ug/l	2.0	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1
Methyl Acetate	ND		ug/l	10	--	1
Cyclohexane	ND		ug/l	10	--	1
1,4-Dioxane	ND		ug/l	250	--	1
Freon-113	ND		ug/l	10	--	1
Methyl cyclohexane	ND		ug/l	10	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	95		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1212508-16	Date Collected:	07/12/20 00:00
Client ID:	TB-071212-02	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/26/12 13:27		
Analyst:	BN		
Percent Solids:	Results reported on an 'AS RECEIVED' basis.		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	10	--	1
1,1-Dichloroethane	ND		ug/kg	2.0	--	1
Chloroform	ND		ug/kg	2.0	--	1
Carbon tetrachloride	ND		ug/kg	2.0	--	1
1,2-Dichloropropane	ND		ug/kg	4.0	--	1
Dibromochloromethane	ND		ug/kg	2.0	--	1
1,1,2-Trichloroethane	ND		ug/kg	2.0	--	1
Tetrachloroethene	ND		ug/kg	2.0	--	1
Chlorobenzene	ND		ug/kg	2.0	--	1
Trichlorofluoromethane	ND		ug/kg	5.0	--	1
1,2-Dichloroethane	ND		ug/kg	2.0	--	1
1,1,1-Trichloroethane	ND		ug/kg	2.0	--	1
Bromodichloromethane	ND		ug/kg	2.0	--	1
trans-1,3-Dichloropropene	ND		ug/kg	2.0	--	1
cis-1,3-Dichloropropene	ND		ug/kg	2.0	--	1
Bromoform	ND		ug/kg	4.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.0	--	1
Benzene	ND		ug/kg	2.0	--	1
Toluene	ND		ug/kg	2.0	--	1
Ethylbenzene	ND		ug/kg	2.0	--	1
Chloromethane	ND		ug/kg	5.0	--	1
Bromomethane	ND		ug/kg	2.0	--	1
Vinyl chloride	ND		ug/kg	2.0	--	1
Chloroethane	ND		ug/kg	2.0	--	1
1,1-Dichloroethene	ND		ug/kg	2.0	--	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	--	1
Trichloroethene	ND		ug/kg	2.0	--	1
1,2-Dichlorobenzene	ND		ug/kg	5.0	--	1
1,3-Dichlorobenzene	ND		ug/kg	5.0	--	1
1,4-Dichlorobenzene	ND		ug/kg	5.0	--	1
Methyl tert butyl ether	ND		ug/kg	2.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1212508-16 Date Collected: 07/12/20 00:00

Client ID: TB-071212-02 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	4.0	--	1
o-Xylene	ND		ug/kg	4.0	--	1
Xylenes, Total	ND		ug/kg	4.0	--	1
cis-1,2-Dichloroethene	ND		ug/kg	2.0	--	1
Styrene	ND		ug/kg	4.0	--	1
Dichlorodifluoromethane	ND		ug/kg	10	--	1
Acetone	ND		ug/kg	36	--	1
Carbon disulfide	ND		ug/kg	10	--	1
2-Butanone	ND		ug/kg	10	--	1
4-Methyl-2-pentanone	ND		ug/kg	10	--	1
2-Hexanone	ND		ug/kg	10	--	1
Bromochloromethane	ND		ug/kg	5.0	--	1
1,2-Dibromoethane	ND		ug/kg	4.0	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	--	1
Isopropylbenzene	ND		ug/kg	2.0	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	--	1
Methyl Acetate	ND		ug/kg	20	--	1
Cyclohexane	ND		ug/kg	20	--	1
1,4-Dioxane	ND		ug/kg	100	--	1
Methyl cyclohexane	ND		ug/kg	4.0	--	1
Freon-113	ND		ug/kg	20	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	102		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/18/12 13:18
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,12 Batch: WG549462-3					
Methylene chloride	ND		ug/l	3.0	--
1,1-Dichloroethane	ND		ug/l	0.75	--
Chloroform	1.2		ug/l	0.75	--
Carbon tetrachloride	ND		ug/l	0.50	--
1,2-Dichloropropane	ND		ug/l	1.8	--
Dibromochloromethane	ND		ug/l	0.50	--
1,1,2-Trichloroethane	ND		ug/l	0.75	--
Tetrachloroethene	ND		ug/l	0.50	--
Chlorobenzene	ND		ug/l	0.50	--
Trichlorofluoromethane	ND		ug/l	2.5	--
1,2-Dichloroethane	ND		ug/l	0.50	--
1,1,1-Trichloroethane	ND		ug/l	0.50	--
Bromodichloromethane	ND		ug/l	0.50	--
trans-1,3-Dichloropropene	ND		ug/l	0.50	--
cis-1,3-Dichloropropene	ND		ug/l	0.50	--
Bromoform	ND		ug/l	2.0	--
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--
Benzene	ND		ug/l	0.50	--
Toluene	ND		ug/l	0.75	--
Ethylbenzene	ND		ug/l	0.50	--
Chloromethane	ND		ug/l	2.5	--
Bromomethane	ND		ug/l	1.0	--
Vinyl chloride	ND		ug/l	1.0	--
Chloroethane	ND		ug/l	1.0	--
1,1-Dichloroethene	ND		ug/l	0.50	--
trans-1,2-Dichloroethene	ND		ug/l	0.75	--
Trichloroethene	ND		ug/l	0.50	--
1,2-Dichlorobenzene	ND		ug/l	2.5	--
1,3-Dichlorobenzene	ND		ug/l	2.5	--
1,4-Dichlorobenzene	ND		ug/l	2.5	--
Methyl tert butyl ether	ND		ug/l	1.0	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/18/12 13:18
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,12 Batch: WG549462-3					
p/m-Xylene	ND		ug/l	1.0	--
o-Xylene	ND		ug/l	1.0	--
Xylenes, Total	ND		ug/l	1.0	--
cis-1,2-Dichloroethene	ND		ug/l	0.50	--
Styrene	ND		ug/l	1.0	--
Dichlorodifluoromethane	ND		ug/l	5.0	--
Acetone	ND		ug/l	5.0	--
Carbon disulfide	ND		ug/l	5.0	--
2-Butanone	ND		ug/l	5.0	--
4-Methyl-2-pentanone	ND		ug/l	5.0	--
2-Hexanone	ND		ug/l	5.0	--
Bromochloromethane	ND		ug/l	2.5	--
1,2-Dibromoethane	ND		ug/l	2.0	--
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--
Isopropylbenzene	ND		ug/l	0.50	--
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--
Methyl Acetate	ND		ug/l	10	--
Cyclohexane	ND		ug/l	10	--
1,4-Dioxane	ND		ug/l	250	--
Freon-113	ND		ug/l	10	--
Methyl cyclohexane	ND		ug/l	10	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	97		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/23/12 10:34
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 07-08,11 Batch: WG550553-3					
Methylene chloride	ND		ug/kg	10	--
1,1-Dichloroethane	ND		ug/kg	2.0	--
Chloroform	ND		ug/kg	2.0	--
Carbon tetrachloride	ND		ug/kg	2.0	--
1,2-Dichloropropane	ND		ug/kg	4.0	--
Dibromochloromethane	ND		ug/kg	2.0	--
1,1,2-Trichloroethane	ND		ug/kg	2.0	--
Tetrachloroethene	ND		ug/kg	2.0	--
Chlorobenzene	ND		ug/kg	2.0	--
Trichlorofluoromethane	ND		ug/kg	5.0	--
1,2-Dichloroethane	ND		ug/kg	2.0	--
1,1,1-Trichloroethane	ND		ug/kg	2.0	--
Bromodichloromethane	ND		ug/kg	2.0	--
trans-1,3-Dichloropropene	ND		ug/kg	2.0	--
cis-1,3-Dichloropropene	ND		ug/kg	2.0	--
Bromoform	ND		ug/kg	4.0	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.0	--
Benzene	ND		ug/kg	2.0	--
Toluene	ND		ug/kg	2.0	--
Ethylbenzene	ND		ug/kg	2.0	--
Chloromethane	ND		ug/kg	5.0	--
Bromomethane	ND		ug/kg	2.0	--
Vinyl chloride	ND		ug/kg	2.0	--
Chloroethane	ND		ug/kg	2.0	--
1,1-Dichloroethene	ND		ug/kg	2.0	--
trans-1,2-Dichloroethene	ND		ug/kg	2.0	--
Trichloroethene	ND		ug/kg	2.0	--
1,2-Dichlorobenzene	ND		ug/kg	5.0	--
1,3-Dichlorobenzene	ND		ug/kg	5.0	--
1,4-Dichlorobenzene	ND		ug/kg	5.0	--
Methyl tert butyl ether	ND		ug/kg	2.0	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/23/12 10:34
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 07-08,11 Batch: WG550553-3					
p/m-Xylene	ND		ug/kg	4.0	--
o-Xylene	ND		ug/kg	4.0	--
Xylenes, Total	ND		ug/kg	4.0	--
cis-1,2-Dichloroethene	ND		ug/kg	2.0	--
Styrene	ND		ug/kg	4.0	--
Dichlorodifluoromethane	ND		ug/kg	10	--
Acetone	ND		ug/kg	36	--
Carbon disulfide	ND		ug/kg	10	--
2-Butanone	ND		ug/kg	10	--
4-Methyl-2-pentanone	ND		ug/kg	10	--
2-Hexanone	ND		ug/kg	10	--
Bromochloromethane	ND		ug/kg	5.0	--
1,2-Dibromoethane	ND		ug/kg	4.0	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	--
Isopropylbenzene	ND		ug/kg	2.0	--
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	--
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	--
Methyl Acetate	ND		ug/kg	20	--
Cyclohexane	ND		ug/kg	20	--
1,4-Dioxane	ND		ug/kg	100	--
Methyl cyclohexane	ND		ug/kg	4.0	--
Freon-113	ND		ug/kg	20	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	125		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	116		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/26/12 08:23
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 16 Batch: WG551150-3					
Methylene chloride	ND		ug/kg	10	--
1,1-Dichloroethane	ND		ug/kg	2.0	--
Chloroform	ND		ug/kg	2.0	--
Carbon tetrachloride	ND		ug/kg	2.0	--
1,2-Dichloropropane	ND		ug/kg	4.0	--
Dibromochloromethane	ND		ug/kg	2.0	--
1,1,2-Trichloroethane	ND		ug/kg	2.0	--
Tetrachloroethene	ND		ug/kg	2.0	--
Chlorobenzene	ND		ug/kg	2.0	--
Trichlorofluoromethane	ND		ug/kg	5.0	--
1,2-Dichloroethane	ND		ug/kg	2.0	--
1,1,1-Trichloroethane	ND		ug/kg	2.0	--
Bromodichloromethane	ND		ug/kg	2.0	--
trans-1,3-Dichloropropene	ND		ug/kg	2.0	--
cis-1,3-Dichloropropene	ND		ug/kg	2.0	--
Bromoform	ND		ug/kg	4.0	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.0	--
Benzene	ND		ug/kg	2.0	--
Toluene	ND		ug/kg	2.0	--
Ethylbenzene	ND		ug/kg	2.0	--
Chloromethane	ND		ug/kg	5.0	--
Bromomethane	ND		ug/kg	2.0	--
Vinyl chloride	ND		ug/kg	2.0	--
Chloroethane	ND		ug/kg	2.0	--
1,1-Dichloroethene	ND		ug/kg	2.0	--
trans-1,2-Dichloroethene	ND		ug/kg	2.0	--
Trichloroethene	ND		ug/kg	2.0	--
1,2-Dichlorobenzene	ND		ug/kg	5.0	--
1,3-Dichlorobenzene	ND		ug/kg	5.0	--
1,4-Dichlorobenzene	ND		ug/kg	5.0	--
Methyl tert butyl ether	ND		ug/kg	2.0	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/26/12 08:23
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 16 Batch: WG551150-3					
p/m-Xylene	ND		ug/kg	4.0	--
o-Xylene	ND		ug/kg	4.0	--
Xylenes, Total	ND		ug/kg	4.0	--
cis-1,2-Dichloroethene	ND		ug/kg	2.0	--
Styrene	ND		ug/kg	4.0	--
Dichlorodifluoromethane	ND		ug/kg	10	--
Acetone	ND		ug/kg	36	--
Carbon disulfide	ND		ug/kg	10	--
2-Butanone	ND		ug/kg	10	--
4-Methyl-2-pentanone	ND		ug/kg	10	--
2-Hexanone	ND		ug/kg	10	--
Bromochloromethane	ND		ug/kg	5.0	--
1,2-Dibromoethane	ND		ug/kg	4.0	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	--
Isopropylbenzene	ND		ug/kg	2.0	--
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	--
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	--
Methyl Acetate	ND		ug/kg	20	--
Cyclohexane	ND		ug/kg	20	--
1,4-Dioxane	ND		ug/kg	100	--
Methyl cyclohexane	ND		ug/kg	4.0	--
Freon-113	ND		ug/kg	20	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212508

Report Date: 08/13/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,12 Batch: WG549462-1 WG549462-2								
Methylene chloride	100		101		70-130	1		20
1,1-Dichloroethane	92		91		70-130	1		20
Chloroform	118		116		70-130	2		20
Carbon tetrachloride	80		86		63-132	7		20
1,2-Dichloropropane	88		88		70-130	0		20
Dibromochloromethane	80		85		63-130	6		20
1,1,2-Trichloroethane	92		94		70-130	2		20
Tetrachloroethene	110		108		70-130	2		20
Chlorobenzene	100		99		75-130	1		25
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	96		99		70-130	3		20
1,1,1-Trichloroethane	88		92		67-130	4		20
Bromodichloromethane	84		88		67-130	5		20
trans-1,3-Dichloropropene	72		76		70-130	5		20
cis-1,3-Dichloropropene	79		83		70-130	5		20
Bromoform	76		84		54-136	10		20
1,1,2,2-Tetrachloroethane	84		86		67-130	2		20
Benzene	98		98		70-130	0		25
Toluene	98		97		70-130	1		25
Ethylbenzene	100		98		70-130	2		20
Chloromethane	94		96		64-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212508

Report Date: 08/13/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,12 Batch: WG549462-1 WG549462-2								
Bromomethane	105		100		39-139	5		20
Vinyl chloride	104		105		55-140	1		20
Chloroethane	96		95		55-138	1		20
1,1-Dichloroethene	102		102		61-145	0		25
trans-1,2-Dichloroethene	101		100		70-130	1		20
Trichloroethene	101		101		70-130	0		25
1,2-Dichlorobenzene	99		99		70-130	0		20
1,3-Dichlorobenzene	99		99		70-130	0		20
1,4-Dichlorobenzene	97		96		70-130	1		20
Methyl tert butyl ether	95		99		63-130	4		20
p/m-Xylene	101		100		70-130	1		20
o-Xylene	102		101		70-130	1		20
cis-1,2-Dichloroethene	102		104		70-130	2		20
Styrene	104		104		70-130	0		20
Dichlorodifluoromethane	104		101		36-147	3		20
Acetone	111		125		58-148	12		20
Carbon disulfide	92		92		51-130	0		20
2-Butanone	90		90		63-138	0		20
4-Methyl-2-pentanone	79		82		59-130	4		20
2-Hexanone	73		76		57-130	4		20
Bromochloromethane	111		110		70-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212508

Report Date: 08/13/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,12 Batch: WG549462-1 WG549462-2								
1,2-Dibromoethane	95		98		70-130	3		20
1,2-Dibromo-3-chloropropane	63		72		41-144	13		20
Isopropylbenzene	104		102		70-130	2		20
1,2,3-Trichlorobenzene	98		99		70-130	1		20
1,2,4-Trichlorobenzene	102		100		70-130	2		20
Methyl Acetate	76		74		70-130	3		20
Cyclohexane	80		78		70-130	3		20
1,4-Dioxane	98		100		56-162	2		20
1,1,2-Trichloro-1,2,2-Trifluoroethane	102		100		70-130	2		20
Methyl cyclohexane	96		91		70-130	5		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		94		70-130
Toluene-d8	97		95		70-130
4-Bromofluorobenzene	91		90		70-130
Dibromofluoromethane	100		101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212508

Report Date: 08/13/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 07-08,11 Batch: WG550553-1 WG550553-2								
Methylene chloride	101		98		70-130	3		30
1,1-Dichloroethane	99		99		70-130	0		30
Chloroform	106		106		70-130	0		30
Carbon tetrachloride	127		124		70-130	2		30
1,2-Dichloropropane	91		90		70-130	1		30
Dibromochloromethane	110		102		70-130	8		30
1,1,2-Trichloroethane	96		92		70-130	4		30
Tetrachloroethene	111		113		70-130	2		30
Chlorobenzene	98		99		70-130	1		30
Trichlorofluoromethane	121		122		70-139	1		30
1,2-Dichloroethane	114		110		70-130	4		30
1,1,1-Trichloroethane	114		115		70-130	1		30
Bromodichloromethane	108		104		70-130	4		30
trans-1,3-Dichloropropene	90		85		70-130	6		30
cis-1,3-Dichloropropene	97		94		70-130	3		30
Bromoform	103		99		70-130	4		30
1,1,2,2-Tetrachloroethane	88		86		70-130	2		30
Benzene	95		95		70-130	0		30
Toluene	96		97		70-130	1		30
Ethylbenzene	100		103		70-130	3		30
Chloromethane	96		105		52-130	9		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212508

Report Date: 08/13/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 07-08,11 Batch: WG550553-1 WG550553-2								
Bromomethane	102		114		57-147	11		30
Vinyl chloride	115		124		67-130	8		30
Chloroethane	98		103		50-151	5		30
1,1-Dichloroethene	100		103		65-135	3		30
trans-1,2-Dichloroethene	100		101		70-130	1		30
Trichloroethene	103		102		70-130	1		30
1,2-Dichlorobenzene	96		98		70-130	2		30
1,3-Dichlorobenzene	96		100		70-130	4		30
1,4-Dichlorobenzene	96		98		70-130	2		30
Methyl tert butyl ether	102		99		66-130	3		30
p/m-Xylene	99		104		70-130	5		30
o-Xylene	101		104		70-130	3		30
cis-1,2-Dichloroethene	99		100		70-130	1		30
Styrene	100		103		70-130	3		30
Dichlorodifluoromethane	105		112		30-146	6		30
Acetone	104		103		54-140	1		30
Carbon disulfide	92		95		59-130	3		30
2-Butanone	95		94		70-130	1		30
4-Methyl-2-pentanone	89		90		70-130	1		30
2-Hexanone	94		90		70-130	4		30
Bromochloromethane	100		97		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212508

Report Date: 08/13/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 07-08,11 Batch: WG550553-1 WG550553-2								
1,2-Dibromoethane	108		98		70-130	10		30
1,2-Dibromo-3-chloropropane	102		99		68-130	3		30
Isopropylbenzene	105		110		70-130	5		30
1,2,3-Trichlorobenzene	96		100		70-130	4		30
1,2,4-Trichlorobenzene	96		104		70-130	8		30
Methyl Acetate	89		88		65-130	1		30
Cyclohexane	97		100		70-130	3		30
1,4-Dioxane	98		98		65-136	0		30
Methyl cyclohexane	103		106		70-130	3		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	113		115		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	124		122		70-130
Toluene-d8	107		106		70-130
4-Bromofluorobenzene	101		102		70-130
Dibromofluoromethane	115		113		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212508

Report Date: 08/13/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 16 Batch: WG551150-1 WG551150-2								
Methylene chloride	107		105		70-130	2		30
1,1-Dichloroethane	104		101		70-130	3		30
Chloroform	102		100		70-130	2		30
Carbon tetrachloride	106		100		70-130	6		30
1,2-Dichloropropane	103		102		70-130	1		30
Dibromochloromethane	93		96		70-130	3		30
1,1,2-Trichloroethane	94		96		70-130	2		30
Tetrachloroethene	101		96		70-130	5		30
Chlorobenzene	96		94		70-130	2		30
Trichlorofluoromethane	120		110		70-139	9		30
1,2-Dichloroethane	100		101		70-130	1		30
1,1,1-Trichloroethane	105		100		70-130	5		30
Bromodichloromethane	100		101		70-130	1		30
trans-1,3-Dichloropropene	91		93		70-130	2		30
cis-1,3-Dichloropropene	100		102		70-130	2		30
Bromoform	90		95		70-130	5		30
1,1,2,2-Tetrachloroethane	89		93		70-130	4		30
Benzene	104		100		70-130	4		30
Toluene	92		90		70-130	2		30
Ethylbenzene	95		92		70-130	3		30
Chloromethane	98		94		52-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212508

Report Date: 08/13/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 16 Batch: WG551150-1 WG551150-2								
Bromomethane	100		100		57-147	0		30
Vinyl chloride	114		106		67-130	7		30
Chloroethane	118		108		50-151	9		30
1,1-Dichloroethene	110		102		65-135	8		30
trans-1,2-Dichloroethene	108		103		70-130	5		30
Trichloroethene	106		101		70-130	5		30
1,2-Dichlorobenzene	94		94		70-130	0		30
1,3-Dichlorobenzene	94		93		70-130	1		30
1,4-Dichlorobenzene	94		93		70-130	1		30
Methyl tert butyl ether	100		103		66-130	3		30
p/m-Xylene	97		94		70-130	3		30
o-Xylene	96		95		70-130	1		30
cis-1,2-Dichloroethene	107		104		70-130	3		30
Styrene	96		95		70-130	1		30
Dichlorodifluoromethane	103		94		30-146	9		30
Acetone	124		115		54-140	8		30
Carbon disulfide	105		99		59-130	6		30
2-Butanone	97		102		70-130	5		30
4-Methyl-2-pentanone	99		106		70-130	7		30
2-Hexanone	87		91		70-130	4		30
Bromochloromethane	110		110		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212508

Report Date: 08/13/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 16 Batch: WG551150-1 WG551150-2								
1,2-Dibromoethane	93		96		70-130	3		30
1,2-Dibromo-3-chloropropane	93		100		68-130	7		30
Isopropylbenzene	94		90		70-130	4		30
1,2,3-Trichlorobenzene	97		99		70-130	2		30
1,2,4-Trichlorobenzene	97		98		70-130	1		30
Methyl Acetate	97		101		65-130	4		30
Cyclohexane	109		100		70-130	9		30
1,4-Dioxane	108		116		65-136	7		30
Methyl cyclohexane	108		100		70-130	8		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	113		105		70-130	7		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		97		70-130
Toluene-d8	94		94		70-130
4-Bromofluorobenzene	96		97		70-130
Dibromofluoromethane	100		101		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212508
Report Date: 08/13/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 07-08,11 QC Batch ID: WG550553-4 WG550553-5 QC Sample: L1212527-07 Client ID: MS Sample												
Methylene chloride	ND	25.9	26	101		15	93		70-130	**57**	Q	30
1,1-Dichloroethane	ND	25.9	28	108		16	102		70-130	**55**	Q	30
Chloroform	ND	25.9	30	114		17	108		70-130	**55**	Q	30
Carbon tetrachloride	ND	25.9	34	**131**	Q	19	122		70-130	**57**	Q	30
1,2-Dichloropropane	ND	25.9	26	99		15	97		70-130	**53**	Q	30
Dibromochloromethane	ND	25.9	29	113		17	109		70-130	**53**	Q	30
1,1,2-Trichloroethane	ND	25.9	26	100		16	100		70-130	**50**	Q	30
Tetrachloroethene	ND	25.9	28	106		17	106		70-130	**50**	Q	30
Chlorobenzene	ND	25.9	25	97		15	97		70-130	**50**	Q	30
Trichlorofluoromethane	ND	25.9	33	129		18	116		70-139	**60**	Q	30
1,2-Dichloroethane	ND	25.9	32	123		18	115		70-130	**56**	Q	30
1,1,1-Trichloroethane	ND	25.9	32	124		19	120		70-130	**53**	Q	30
Bromodichloromethane	ND	25.9	30	115		17	108		70-130	**56**	Q	30
trans-1,3-Dichloropropene	ND	25.9	25	95		14	92		70-130	**53**	Q	30
cis-1,3-Dichloropropene	ND	25.9	27	106		16	100		70-130	**55**	Q	30
Bromoform	ND	25.9	27	102		16	102		70-130	**50**	Q	30
1,1,2,2-Tetrachloroethane	ND	25.9	24	92		15	95		70-130	**47**	Q	30
Benzene	ND	25.9	29	113		19	120		70-130	**44**	Q	30
Toluene	ND	25.9	26	101		16	105		70-130	**46**	Q	30
Ethylbenzene	ND	25.9	26	100		16	100		70-130	**50**	Q	30
Chloromethane	ND	25.9	34	**133**	Q	22	**142**	Q	52-130	**44**	Q	30

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212508
Report Date: 08/13/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 07-08,11 QC Batch ID: WG550553-4 WG550553-5 QC Sample: L1212527-07 Client ID: MS Sample												
Bromomethane	ND	25.9	27	104		16	102		57-147	**52**	Q	30
Vinyl chloride	ND	25.9	35	**135**	Q	18	117		67-130	**63**	Q	30
Chloroethane	ND	25.9	29	113		16	100		50-151	**61**	Q	30
1,1-Dichloroethene	ND	25.9	29	110		16	106		65-135	**54**	Q	30
trans-1,2-Dichloroethene	ND	25.9	27	105		16	104		70-130	**52**	Q	30
Trichloroethene	98	25.9	220	**460**	Q	240E	**895**	Q	70-130	9		30
1,2-Dichlorobenzene	ND	25.9	24	91		14	92		70-130	**49**	Q	30
1,3-Dichlorobenzene	ND	25.9	23	87		14	90		70-130	**47**	Q	30
1,4-Dichlorobenzene	ND	25.9	23	87		14	91		70-130	**46**	Q	30
Methyl tert butyl ether	ND	25.9	29	111		17	107		66-130	**53**	Q	30
p/m-Xylene	ND	51.8	50	97		30	98		70-130	**50**	Q	30
o-Xylene	ND	51.8	52	100		31	100		70-130	**50**	Q	30
cis-1,2-Dichloroethene	6.9	25.9	51	**172**	Q	45	**246**	Q	70-130	13		30
Styrene	ND	51.8	52	101		31	101		70-130	**50**	Q	30
Dichlorodifluoromethane	ND	25.9	26	101		13	86		30-146	**65**	Q	30
Acetone	ND	25.9	31	**0**	Q	ND	**0**	Q	54-140	NC	Q	30
Carbon disulfide	ND	25.9	26	100		14	93		59-130	**57**	Q	30
2-Butanone	ND	25.9	25	98		15	97		70-130	**50**	Q	30
4-Methyl-2-pentanone	ND	25.9	26	100		15	96		70-130	**54**	Q	30
2-Hexanone	ND	25.9	26	99		16	104		70-130	**45**	Q	30
Bromochloromethane	ND	25.9	28	109		16	102		70-130	**56**	Q	30

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212508
Report Date: 08/13/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 07-08,11 QC Batch ID: WG550553-4 WG550553-5 QC Sample: L1212527-07 Client ID: MS Sample												
1,2-Dibromoethane	ND	25.9	32	125		18	114		70-130	**58**	Q	30
1,2-Dibromo-3-chloropropane	ND	25.9	29	110		17	108		68-130	**52**	Q	30
Isopropylbenzene	ND	25.9	27	104		17	109		70-130	**45**	Q	30
1,2,3-Trichlorobenzene	ND	25.9	23	90		15	97		70-130	**44**	Q	30
1,2,4-Trichlorobenzene	ND	25.9	24	92		16	105		70-130	**37**	Q	30
Methyl Acetate	ND	25.9	ND	**0**	Q	ND	**0**	Q	65-130	NC		30
Cyclohexane	ND	25.9	27	106		ND	**0**	Q	70-130	NC		30
1,4-Dioxane	ND	2590	1400	106		770	100		65-136	**55**	Q	30
Methyl cyclohexane	ND	25.9	27	106		15	98		70-130	**57**	Q	30
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	25.9	31	119		17	108		70-130	**59**	Q	30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		122		70-130
4-Bromofluorobenzene	95		96		70-130
Dibromofluoromethane	113		111		70-130
Toluene-d8	100		102		70-130

SEMIVOLATILES

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1212508-01	Date Collected:	07/12/12 12:45
Client ID:	S-12L-B001-1.0-1.5	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 18:10
Analytical Date:	07/28/12 00:43		
Analyst:	RC		
Percent Solids:	34%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	390	--	1
Hexachlorobenzene	ND		ug/kg	290	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	480	--	1
2-Chloronaphthalene	ND		ug/kg	480	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	480	--	1
2,4-Dinitrotoluene	ND		ug/kg	480	--	1
2,6-Dinitrotoluene	ND		ug/kg	480	--	1
Fluoranthene	1200		ug/kg	290	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	480	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	480	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	580	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	480	--	1
Hexachlorobutadiene	ND		ug/kg	480	--	1
Hexachlorocyclopentadiene	ND		ug/kg	1400	--	1
Hexachloroethane	ND		ug/kg	390	--	1
Isophorone	ND		ug/kg	480	--	1
Naphthalene	ND		ug/kg	480	--	1
Nitrobenzene	ND		ug/kg	480	--	1
NDPA/DPA	ND		ug/kg	390	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	480	--	1
Bis(2-ethylhexyl)phthalate	1400		ug/kg	480	--	1
Butyl benzyl phthalate	ND		ug/kg	480	--	1
Di-n-butylphthalate	ND		ug/kg	480	--	1
Di-n-octylphthalate	ND		ug/kg	480	--	1
Diethyl phthalate	ND		ug/kg	480	--	1
Dimethyl phthalate	ND		ug/kg	480	--	1
Benzo(a)anthracene	730		ug/kg	290	--	1
Benzo(a)pyrene	730		ug/kg	390	--	1
Benzo(b)fluoranthene	720		ug/kg	290	--	1
Benzo(k)fluoranthene	650		ug/kg	290	--	1
Chrysene	870		ug/kg	290	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1212508-01 Date Collected: 07/12/12 12:45

Client ID: S-12L-B001-1.0-1.5 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	390	--	1
Anthracene	ND		ug/kg	290	--	1
Benzo(ghi)perylene	460		ug/kg	390	--	1
Fluorene	ND		ug/kg	480	--	1
Phenanthrene	510		ug/kg	290	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	290	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	390	--	1
Pyrene	1000		ug/kg	290	--	1
Biphenyl	ND		ug/kg	1100	--	1
4-Chloroaniline	ND		ug/kg	480	--	1
2-Nitroaniline	ND		ug/kg	480	--	1
3-Nitroaniline	ND		ug/kg	480	--	1
4-Nitroaniline	ND		ug/kg	480	--	1
Dibenzofuran	ND		ug/kg	480	--	1
2-Methylnaphthalene	ND		ug/kg	580	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	480	--	1
Acetophenone	ND		ug/kg	480	--	1
2,4,6-Trichlorophenol	ND		ug/kg	290	--	1
p-Chloro-m-cresol	ND		ug/kg	480	--	1
2-Chlorophenol	ND		ug/kg	480	--	1
2,4-Dichlorophenol	ND		ug/kg	480	--	1
2,4-Dimethylphenol	ND		ug/kg	480	--	1
2-Nitrophenol	ND		ug/kg	1100	--	1
4-Nitrophenol	ND		ug/kg	680	--	1
2,4-Dinitrophenol	ND		ug/kg	2300	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	1300	--	1
Pentachlorophenol	ND		ug/kg	390	--	1
Phenol	ND		ug/kg	480	--	1
2-Methylphenol	ND		ug/kg	480	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	680	--	1
2,4,5-Trichlorophenol	ND		ug/kg	480	--	1
Carbazole	ND		ug/kg	480	--	1
Atrazine	ND		ug/kg	390	--	1
Benzaldehyde	ND		ug/kg	680	--	1
Caprolactam	ND		ug/kg	480	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	480	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1212508-01 Date Collected: 07/12/12 12:45

Client ID: S-12L-B001-1.0-1.5 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	55		0-136
4-Terphenyl-d14	49		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1212508-02	Date Collected:	07/12/12 12:00
Client ID:	EB-071212-01	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8270D	Extraction Date:	07/17/12 12:58
Analytical Date:	07/22/12 18:50		
Analyst:	JB		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/l	2.0	--	1
Hexachlorobenzene	ND		ug/l	2.0	--	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	--	1
2-Chloronaphthalene	ND		ug/l	2.0	--	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	--	1
2,4-Dinitrotoluene	ND		ug/l	5.0	--	1
2,6-Dinitrotoluene	ND		ug/l	5.0	--	1
Fluoranthene	ND		ug/l	2.0	--	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	--	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	--	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	--	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	--	1
Hexachlorobutadiene	ND		ug/l	2.0	--	1
Hexachlorocyclopentadiene	ND		ug/l	20	--	1
Hexachloroethane	ND		ug/l	2.0	--	1
Isophorone	ND		ug/l	5.0	--	1
Naphthalene	ND		ug/l	2.0	--	1
Nitrobenzene	ND		ug/l	2.0	--	1
NDPA/DPA	ND		ug/l	2.0	--	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	--	1
Butyl benzyl phthalate	ND		ug/l	5.0	--	1
Di-n-butylphthalate	ND		ug/l	5.0	--	1
Di-n-octylphthalate	ND		ug/l	5.0	--	1
Diethyl phthalate	ND		ug/l	5.0	--	1
Dimethyl phthalate	ND		ug/l	5.0	--	1
Benzo(a)anthracene	ND		ug/l	2.0	--	1
Benzo(a)pyrene	ND		ug/l	2.0	--	1
Benzo(b)fluoranthene	ND		ug/l	2.0	--	1
Benzo(k)fluoranthene	ND		ug/l	2.0	--	1
Chrysene	ND		ug/l	2.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1212508-02 Date Collected: 07/12/12 12:00

Client ID: EB-071212-01 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/l	2.0	--	1
Anthracene	ND		ug/l	2.0	--	1
Benzo(ghi)perylene	ND		ug/l	2.0	--	1
Fluorene	ND		ug/l	2.0	--	1
Phenanthrene	ND		ug/l	2.0	--	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	--	1
Pyrene	ND		ug/l	2.0	--	1
Biphenyl	ND		ug/l	2.0	--	1
4-Chloroaniline	ND		ug/l	5.0	--	1
2-Nitroaniline	ND		ug/l	5.0	--	1
3-Nitroaniline	ND		ug/l	5.0	--	1
4-Nitroaniline	ND		ug/l	5.0	--	1
Dibenzofuran	ND		ug/l	2.0	--	1
2-Methylnaphthalene	ND		ug/l	2.0	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	--	1
Acetophenone	ND		ug/l	5.0	--	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	--	1
p-Chloro-m-cresol	ND		ug/l	2.0	--	1
2-Chlorophenol	ND		ug/l	2.0	--	1
2,4-Dichlorophenol	ND		ug/l	5.0	--	1
2,4-Dimethylphenol	ND		ug/l	5.0	--	1
2-Nitrophenol	ND		ug/l	10	--	1
4-Nitrophenol	ND		ug/l	10	--	1
2,4-Dinitrophenol	ND		ug/l	20	--	1
4,6-Dinitro-o-cresol	ND		ug/l	10	--	1
Pentachlorophenol	ND		ug/l	10	--	1
Phenol	ND		ug/l	5.0	--	1
2-Methylphenol	ND		ug/l	5.0	--	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	--	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	--	1
Carbazole	ND		ug/l	2.0	--	1
Atrazine	ND		ug/l	10	--	1
Benzaldehyde	ND		ug/l	5.0	--	1
Caprolactam	ND		ug/l	10	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1212508-02 Date Collected: 07/12/12 12:00

Client ID: EB-071212-01 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	94		10-120
4-Terphenyl-d14	91		41-149

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1212508-03 D	Date Collected:	07/12/12 12:45
Client ID:	S-12L-B001-4.0-4.5	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 18:10
Analytical Date:	07/29/12 03:53		
Analyst:	RC		
Percent Solids:	86%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	15000	--	100
Hexachlorobenzene	ND		ug/kg	11000	--	100
Bis(2-chloroethyl)ether	ND		ug/kg	19000	--	100
2-Chloronaphthalene	ND		ug/kg	19000	--	100
3,3'-Dichlorobenzidine	ND		ug/kg	19000	--	100
2,4-Dinitrotoluene	ND		ug/kg	19000	--	100
2,6-Dinitrotoluene	ND		ug/kg	19000	--	100
Fluoranthene	ND		ug/kg	11000	--	100
4-Chlorophenyl phenyl ether	ND		ug/kg	19000	--	100
4-Bromophenyl phenyl ether	ND		ug/kg	19000	--	100
Bis(2-chloroisopropyl)ether	ND		ug/kg	23000	--	100
Bis(2-chloroethoxy)methane	ND		ug/kg	19000	--	100
Hexachlorobutadiene	ND		ug/kg	19000	--	100
Hexachlorocyclopentadiene	ND		ug/kg	53000	--	100
Hexachloroethane	ND		ug/kg	15000	--	100
Isophorone	ND		ug/kg	19000	--	100
Naphthalene	ND		ug/kg	19000	--	100
Nitrobenzene	ND		ug/kg	19000	--	100
NDPA/DPA	ND		ug/kg	15000	--	100
n-Nitrosodi-n-propylamine	ND		ug/kg	19000	--	100
Bis(2-ethylhexyl)phthalate	ND		ug/kg	19000	--	100
Butyl benzyl phthalate	ND		ug/kg	19000	--	100
Di-n-butylphthalate	ND		ug/kg	19000	--	100
Di-n-octylphthalate	ND		ug/kg	19000	--	100
Diethyl phthalate	ND		ug/kg	19000	--	100
Dimethyl phthalate	ND		ug/kg	19000	--	100
Benzo(a)anthracene	ND		ug/kg	11000	--	100
Benzo(a)pyrene	ND		ug/kg	15000	--	100
Benzo(b)fluoranthene	ND		ug/kg	11000	--	100
Benzo(k)fluoranthene	ND		ug/kg	11000	--	100
Chrysene	ND		ug/kg	11000	--	100

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1212508-03 D Date Collected: 07/12/12 12:45

Client ID: S-12L-B001-4.0-4.5 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	15000	--	100
Anthracene	ND		ug/kg	11000	--	100
Benzo(ghi)perylene	ND		ug/kg	15000	--	100
Fluorene	ND		ug/kg	19000	--	100
Phenanthrene	ND		ug/kg	11000	--	100
Dibenzo(a,h)anthracene	ND		ug/kg	11000	--	100
Indeno(1,2,3-cd)pyrene	ND		ug/kg	15000	--	100
Pyrene	ND		ug/kg	11000	--	100
Biphenyl	ND		ug/kg	42000	--	100
4-Chloroaniline	ND		ug/kg	19000	--	100
2-Nitroaniline	ND		ug/kg	19000	--	100
3-Nitroaniline	ND		ug/kg	19000	--	100
4-Nitroaniline	ND		ug/kg	19000	--	100
Dibenzofuran	ND		ug/kg	19000	--	100
2-Methylnaphthalene	ND		ug/kg	23000	--	100
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	19000	--	100
Acetophenone	ND		ug/kg	19000	--	100
2,4,6-Trichlorophenol	ND		ug/kg	11000	--	100
p-Chloro-m-cresol	ND		ug/kg	19000	--	100
2-Chlorophenol	ND		ug/kg	19000	--	100
2,4-Dichlorophenol	ND		ug/kg	19000	--	100
2,4-Dimethylphenol	ND		ug/kg	19000	--	100
2-Nitrophenol	ND		ug/kg	42000	--	100
4-Nitrophenol	ND		ug/kg	26000	--	100
2,4-Dinitrophenol	ND		ug/kg	91000	--	100
4,6-Dinitro-o-cresol	ND		ug/kg	49000	--	100
Pentachlorophenol	ND		ug/kg	15000	--	100
Phenol	ND		ug/kg	19000	--	100
2-Methylphenol	ND		ug/kg	19000	--	100
3-Methylphenol/4-Methylphenol	ND		ug/kg	26000	--	100
2,4,5-Trichlorophenol	ND		ug/kg	19000	--	100
Carbazole	ND		ug/kg	19000	--	100
Atrazine	ND		ug/kg	15000	--	100
Benzaldehyde	ND		ug/kg	26000	--	100
Caprolactam	ND		ug/kg	19000	--	100
2,3,4,6-Tetrachlorophenol	ND		ug/kg	19000	--	100

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1212508-03 D Date Collected: 07/12/12 12:45

Client ID: S-12L-B001-4.0-4.5 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**0**	Q	25-120
Phenol-d6	**0**	Q	10-120
Nitrobenzene-d5	**0**	Q	23-120
2-Fluorobiphenyl	**0**	Q	30-120
2,4,6-Tribromophenol	0		0-136
4-Terphenyl-d14	**0**	Q	18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1212508-04	Date Collected:	07/12/12 13:15
Client ID:	S-12L-B001-6.0-6.5	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 18:10
Analytical Date:	07/28/12 01:30		
Analyst:	RC		
Percent Solids:	89%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	--	1
2-Chloronaphthalene	ND		ug/kg	180	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	--	1
2,4-Dinitrotoluene	ND		ug/kg	180	--	1
2,6-Dinitrotoluene	ND		ug/kg	180	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	--	1
Hexachlorobutadiene	ND		ug/kg	180	--	1
Hexachlorocyclopentadiene	ND		ug/kg	510	--	1
Hexachloroethane	ND		ug/kg	140	--	1
Isophorone	ND		ug/kg	180	--	1
Naphthalene	ND		ug/kg	180	--	1
Nitrobenzene	ND		ug/kg	180	--	1
NDPA/DPA	ND		ug/kg	140	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	--	1
Butyl benzyl phthalate	ND		ug/kg	180	--	1
Di-n-butylphthalate	ND		ug/kg	180	--	1
Di-n-octylphthalate	ND		ug/kg	180	--	1
Diethyl phthalate	ND		ug/kg	180	--	1
Dimethyl phthalate	ND		ug/kg	180	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	140	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1212508-04 Date Collected: 07/12/12 13:15

Client ID: S-12L-B001-6.0-6.5 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	140	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	140	--	1
Fluorene	ND		ug/kg	180	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	400	--	1
4-Chloroaniline	ND		ug/kg	180	--	1
2-Nitroaniline	ND		ug/kg	180	--	1
3-Nitroaniline	ND		ug/kg	180	--	1
4-Nitroaniline	ND		ug/kg	180	--	1
Dibenzofuran	ND		ug/kg	180	--	1
2-Methylnaphthalene	ND		ug/kg	220	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	--	1
Acetophenone	ND		ug/kg	180	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	180	--	1
2-Chlorophenol	ND		ug/kg	180	--	1
2,4-Dichlorophenol	ND		ug/kg	180	--	1
2,4-Dimethylphenol	ND		ug/kg	180	--	1
2-Nitrophenol	ND		ug/kg	400	--	1
4-Nitrophenol	ND		ug/kg	260	--	1
2,4-Dinitrophenol	ND		ug/kg	880	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	--	1
Pentachlorophenol	ND		ug/kg	140	--	1
Phenol	ND		ug/kg	180	--	1
2-Methylphenol	ND		ug/kg	180	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	--	1
2,4,5-Trichlorophenol	ND		ug/kg	180	--	1
Carbazole	ND		ug/kg	180	--	1
Atrazine	ND		ug/kg	140	--	1
Benzaldehyde	ND		ug/kg	260	--	1
Caprolactam	ND		ug/kg	180	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1212508-04 Date Collected: 07/12/12 13:15

Client ID: S-12L-B001-6.0-6.5 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	63		0-136
4-Terphenyl-d14	53		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1212508-05	Date Collected:	07/12/12 15:00
Client ID:	S-12L-B001-21.5-22.0	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 18:10
Analytical Date:	07/28/12 01:53		
Analyst:	RC		
Percent Solids:	88%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	--	1
2-Chloronaphthalene	ND		ug/kg	190	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	--	1
2,4-Dinitrotoluene	ND		ug/kg	190	--	1
2,6-Dinitrotoluene	ND		ug/kg	190	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	--	1
Hexachlorobutadiene	ND		ug/kg	190	--	1
Hexachlorocyclopentadiene	ND		ug/kg	520	--	1
Hexachloroethane	ND		ug/kg	150	--	1
Isophorone	ND		ug/kg	190	--	1
Naphthalene	ND		ug/kg	190	--	1
Nitrobenzene	ND		ug/kg	190	--	1
NDPA/DPA	ND		ug/kg	150	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	--	1
Butyl benzyl phthalate	ND		ug/kg	190	--	1
Di-n-butylphthalate	ND		ug/kg	190	--	1
Di-n-octylphthalate	ND		ug/kg	190	--	1
Diethyl phthalate	ND		ug/kg	190	--	1
Dimethyl phthalate	ND		ug/kg	190	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	150	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1212508-05 Date Collected: 07/12/12 15:00

Client ID: S-12L-B001-21.5-22.0 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	150	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	150	--	1
Fluorene	ND		ug/kg	190	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	410	--	1
4-Chloroaniline	ND		ug/kg	190	--	1
2-Nitroaniline	ND		ug/kg	190	--	1
3-Nitroaniline	ND		ug/kg	190	--	1
4-Nitroaniline	ND		ug/kg	190	--	1
Dibenzofuran	ND		ug/kg	190	--	1
2-Methylnaphthalene	ND		ug/kg	220	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	--	1
Acetophenone	ND		ug/kg	190	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	190	--	1
2-Chlorophenol	ND		ug/kg	190	--	1
2,4-Dichlorophenol	ND		ug/kg	190	--	1
2,4-Dimethylphenol	ND		ug/kg	190	--	1
2-Nitrophenol	ND		ug/kg	410	--	1
4-Nitrophenol	ND		ug/kg	260	--	1
2,4-Dinitrophenol	ND		ug/kg	900	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	--	1
Pentachlorophenol	ND		ug/kg	150	--	1
Phenol	ND		ug/kg	190	--	1
2-Methylphenol	ND		ug/kg	190	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	--	1
2,4,5-Trichlorophenol	ND		ug/kg	190	--	1
Carbazole	ND		ug/kg	190	--	1
Atrazine	ND		ug/kg	150	--	1
Benzaldehyde	ND		ug/kg	260	--	1
Caprolactam	ND		ug/kg	190	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1212508-05 Date Collected: 07/12/12 15:00

Client ID: S-12L-B001-21.5-22.0 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	99		0-136
4-Terphenyl-d14	82		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1212508-06	Date Collected:	07/12/12 14:25
Client ID:	S-12L-B001-16.7-17.2	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 18:10
Analytical Date:	07/28/12 02:16		
Analyst:	RC		
Percent Solids:	85%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	--	1
Hexachlorobenzene	ND		ug/kg	120	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	--	1
2-Chloronaphthalene	ND		ug/kg	200	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	--	1
2,4-Dinitrotoluene	ND		ug/kg	200	--	1
2,6-Dinitrotoluene	ND		ug/kg	200	--	1
Fluoranthene	ND		ug/kg	120	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	--	1
Hexachlorobutadiene	ND		ug/kg	200	--	1
Hexachlorocyclopentadiene	ND		ug/kg	550	--	1
Hexachloroethane	ND		ug/kg	160	--	1
Isophorone	ND		ug/kg	200	--	1
Naphthalene	ND		ug/kg	200	--	1
Nitrobenzene	ND		ug/kg	200	--	1
NDPA/DPA	ND		ug/kg	160	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	--	1
Butyl benzyl phthalate	ND		ug/kg	200	--	1
Di-n-butylphthalate	ND		ug/kg	200	--	1
Di-n-octylphthalate	ND		ug/kg	200	--	1
Diethyl phthalate	ND		ug/kg	200	--	1
Dimethyl phthalate	ND		ug/kg	200	--	1
Benzo(a)anthracene	ND		ug/kg	120	--	1
Benzo(a)pyrene	ND		ug/kg	160	--	1
Benzo(b)fluoranthene	ND		ug/kg	120	--	1
Benzo(k)fluoranthene	ND		ug/kg	120	--	1
Chrysene	ND		ug/kg	120	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1212508-06 Date Collected: 07/12/12 14:25

Client ID: S-12L-B001-16.7-17.2 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	160	--	1
Anthracene	ND		ug/kg	120	--	1
Benzo(ghi)perylene	ND		ug/kg	160	--	1
Fluorene	ND		ug/kg	200	--	1
Phenanthrene	ND		ug/kg	120	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	--	1
Pyrene	ND		ug/kg	120	--	1
Biphenyl	ND		ug/kg	430	--	1
4-Chloroaniline	ND		ug/kg	200	--	1
2-Nitroaniline	ND		ug/kg	200	--	1
3-Nitroaniline	ND		ug/kg	200	--	1
4-Nitroaniline	ND		ug/kg	200	--	1
Dibenzofuran	ND		ug/kg	200	--	1
2-Methylnaphthalene	ND		ug/kg	230	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	--	1
Acetophenone	ND		ug/kg	200	--	1
2,4,6-Trichlorophenol	ND		ug/kg	120	--	1
p-Chloro-m-cresol	ND		ug/kg	200	--	1
2-Chlorophenol	ND		ug/kg	200	--	1
2,4-Dichlorophenol	ND		ug/kg	200	--	1
2,4-Dimethylphenol	ND		ug/kg	200	--	1
2-Nitrophenol	ND		ug/kg	430	--	1
4-Nitrophenol	ND		ug/kg	270	--	1
2,4-Dinitrophenol	ND		ug/kg	940	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	--	1
Pentachlorophenol	ND		ug/kg	160	--	1
Phenol	ND		ug/kg	200	--	1
2-Methylphenol	ND		ug/kg	200	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	--	1
2,4,5-Trichlorophenol	ND		ug/kg	200	--	1
Carbazole	ND		ug/kg	200	--	1
Atrazine	ND		ug/kg	160	--	1
Benzaldehyde	ND		ug/kg	270	--	1
Caprolactam	ND		ug/kg	200	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1212508-06	Date Collected:	07/12/12 14:25
Client ID:	S-12L-B001-16.7-17.2	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	68		0-136
4-Terphenyl-d14	74		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1212508-07	Date Collected:	07/12/12 12:45
Client ID:	S-12L-B001-18.6-19.1	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 18:10
Analytical Date:	07/28/12 02:40		
Analyst:	RC		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	--	1
2-Chloronaphthalene	ND		ug/kg	180	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	--	1
2,4-Dinitrotoluene	ND		ug/kg	180	--	1
2,6-Dinitrotoluene	ND		ug/kg	180	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	--	1
Hexachlorobutadiene	ND		ug/kg	180	--	1
Hexachlorocyclopentadiene	ND		ug/kg	520	--	1
Hexachloroethane	ND		ug/kg	150	--	1
Isophorone	ND		ug/kg	180	--	1
Naphthalene	ND		ug/kg	180	--	1
Nitrobenzene	ND		ug/kg	180	--	1
NDPA/DPA	ND		ug/kg	150	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	--	1
Butyl benzyl phthalate	ND		ug/kg	180	--	1
Di-n-butylphthalate	ND		ug/kg	180	--	1
Di-n-octylphthalate	ND		ug/kg	180	--	1
Diethyl phthalate	ND		ug/kg	180	--	1
Dimethyl phthalate	ND		ug/kg	180	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	150	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1212508-07 Date Collected: 07/12/12 12:45

Client ID: S-12L-B001-18.6-19.1 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	150	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	150	--	1
Fluorene	ND		ug/kg	180	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	410	--	1
4-Chloroaniline	ND		ug/kg	180	--	1
2-Nitroaniline	ND		ug/kg	180	--	1
3-Nitroaniline	ND		ug/kg	180	--	1
4-Nitroaniline	ND		ug/kg	180	--	1
Dibenzofuran	ND		ug/kg	180	--	1
2-Methylnaphthalene	ND		ug/kg	220	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	--	1
Acetophenone	ND		ug/kg	180	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	180	--	1
2-Chlorophenol	ND		ug/kg	180	--	1
2,4-Dichlorophenol	ND		ug/kg	180	--	1
2,4-Dimethylphenol	ND		ug/kg	180	--	1
2-Nitrophenol	ND		ug/kg	410	--	1
4-Nitrophenol	ND		ug/kg	260	--	1
2,4-Dinitrophenol	ND		ug/kg	890	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	--	1
Pentachlorophenol	ND		ug/kg	150	--	1
Phenol	ND		ug/kg	180	--	1
2-Methylphenol	ND		ug/kg	180	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	--	1
2,4,5-Trichlorophenol	ND		ug/kg	180	--	1
Carbazole	ND		ug/kg	180	--	1
Atrazine	ND		ug/kg	150	--	1
Benzaldehyde	ND		ug/kg	260	--	1
Caprolactam	ND		ug/kg	180	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1212508-07 Date Collected: 07/12/12 12:45

Client ID: S-12L-B001-18.6-19.1 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	65		0-136
4-Terphenyl-d14	67		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1212508-08	Date Collected:	07/12/12 12:45
Client ID:	S-12L-B001-18.6-19.1 REP	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 18:10
Analytical Date:	07/28/12 03:03		
Analyst:	RC		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	--	1
2-Chloronaphthalene	ND		ug/kg	180	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	--	1
2,4-Dinitrotoluene	ND		ug/kg	180	--	1
2,6-Dinitrotoluene	ND		ug/kg	180	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	--	1
Hexachlorobutadiene	ND		ug/kg	180	--	1
Hexachlorocyclopentadiene	ND		ug/kg	510	--	1
Hexachloroethane	ND		ug/kg	150	--	1
Isophorone	ND		ug/kg	180	--	1
Naphthalene	ND		ug/kg	180	--	1
Nitrobenzene	ND		ug/kg	180	--	1
NDPA/DPA	ND		ug/kg	150	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	--	1
Butyl benzyl phthalate	ND		ug/kg	180	--	1
Di-n-butylphthalate	ND		ug/kg	180	--	1
Di-n-octylphthalate	ND		ug/kg	180	--	1
Diethyl phthalate	ND		ug/kg	180	--	1
Dimethyl phthalate	ND		ug/kg	180	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	150	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1212508-08 Date Collected: 07/12/12 12:45

Client ID: S-12L-B001-18.6-19.1 REP Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	150	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	150	--	1
Fluorene	ND		ug/kg	180	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	400	--	1
4-Chloroaniline	ND		ug/kg	180	--	1
2-Nitroaniline	ND		ug/kg	180	--	1
3-Nitroaniline	ND		ug/kg	180	--	1
4-Nitroaniline	ND		ug/kg	180	--	1
Dibenzofuran	ND		ug/kg	180	--	1
2-Methylnaphthalene	ND		ug/kg	220	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	--	1
Acetophenone	ND		ug/kg	180	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	180	--	1
2-Chlorophenol	ND		ug/kg	180	--	1
2,4-Dichlorophenol	ND		ug/kg	180	--	1
2,4-Dimethylphenol	ND		ug/kg	180	--	1
2-Nitrophenol	ND		ug/kg	400	--	1
4-Nitrophenol	ND		ug/kg	260	--	1
2,4-Dinitrophenol	ND		ug/kg	880	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	--	1
Pentachlorophenol	ND		ug/kg	150	--	1
Phenol	ND		ug/kg	180	--	1
2-Methylphenol	ND		ug/kg	180	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	--	1
2,4,5-Trichlorophenol	ND		ug/kg	180	--	1
Carbazole	ND		ug/kg	180	--	1
Atrazine	ND		ug/kg	150	--	1
Benzaldehyde	ND		ug/kg	260	--	1
Caprolactam	ND		ug/kg	180	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1212508-08 Date Collected: 07/12/12 12:45

Client ID: S-12L-B001-18.6-19.1 REP Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	81		0-136
4-Terphenyl-d14	77		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1212508-09	Date Collected:	07/12/12 15:00
Client ID:	S-12L-B001-23.5-24.0	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 18:10
Analytical Date:	07/28/12 03:26		
Analyst:	RC		
Percent Solids:	94%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	--	1
Hexachlorobenzene	ND		ug/kg	100	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	--	1
2-Chloronaphthalene	ND		ug/kg	170	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	--	1
2,4-Dinitrotoluene	ND		ug/kg	170	--	1
2,6-Dinitrotoluene	ND		ug/kg	170	--	1
Fluoranthene	ND		ug/kg	100	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	170	--	1
Hexachlorobutadiene	ND		ug/kg	170	--	1
Hexachlorocyclopentadiene	ND		ug/kg	480	--	1
Hexachloroethane	ND		ug/kg	140	--	1
Isophorone	ND		ug/kg	170	--	1
Naphthalene	ND		ug/kg	170	--	1
Nitrobenzene	ND		ug/kg	170	--	1
NDPA/DPA	ND		ug/kg	140	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	--	1
Butyl benzyl phthalate	ND		ug/kg	170	--	1
Di-n-butylphthalate	ND		ug/kg	170	--	1
Di-n-octylphthalate	ND		ug/kg	170	--	1
Diethyl phthalate	ND		ug/kg	170	--	1
Dimethyl phthalate	ND		ug/kg	170	--	1
Benzo(a)anthracene	ND		ug/kg	100	--	1
Benzo(a)pyrene	ND		ug/kg	140	--	1
Benzo(b)fluoranthene	ND		ug/kg	100	--	1
Benzo(k)fluoranthene	ND		ug/kg	100	--	1
Chrysene	ND		ug/kg	100	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1212508-09 Date Collected: 07/12/12 15:00

Client ID: S-12L-B001-23.5-24.0 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	140	--	1
Anthracene	ND		ug/kg	100	--	1
Benzo(ghi)perylene	ND		ug/kg	140	--	1
Fluorene	ND		ug/kg	170	--	1
Phenanthrene	ND		ug/kg	100	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	--	1
Pyrene	ND		ug/kg	100	--	1
Biphenyl	ND		ug/kg	380	--	1
4-Chloroaniline	ND		ug/kg	170	--	1
2-Nitroaniline	ND		ug/kg	170	--	1
3-Nitroaniline	ND		ug/kg	170	--	1
4-Nitroaniline	ND		ug/kg	170	--	1
Dibenzofuran	ND		ug/kg	170	--	1
2-Methylnaphthalene	ND		ug/kg	210	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	--	1
Acetophenone	ND		ug/kg	170	--	1
2,4,6-Trichlorophenol	ND		ug/kg	100	--	1
p-Chloro-m-cresol	ND		ug/kg	170	--	1
2-Chlorophenol	ND		ug/kg	170	--	1
2,4-Dichlorophenol	ND		ug/kg	170	--	1
2,4-Dimethylphenol	ND		ug/kg	170	--	1
2-Nitrophenol	ND		ug/kg	380	--	1
4-Nitrophenol	ND		ug/kg	240	--	1
2,4-Dinitrophenol	ND		ug/kg	830	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	--	1
Pentachlorophenol	ND		ug/kg	140	--	1
Phenol	ND		ug/kg	170	--	1
2-Methylphenol	ND		ug/kg	170	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	--	1
2,4,5-Trichlorophenol	ND		ug/kg	170	--	1
Carbazole	ND		ug/kg	170	--	1
Atrazine	ND		ug/kg	140	--	1
Benzaldehyde	ND		ug/kg	240	--	1
Caprolactam	ND		ug/kg	170	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1212508-09 Date Collected: 07/12/12 15:00

Client ID: S-12L-B001-23.5-24.0 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	71		0-136
4-Terphenyl-d14	59		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1212508-10	Date Collected:	07/12/12 15:25
Client ID:	S-12L-B001-25.3-25.8	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 18:10
Analytical Date:	07/28/12 03:50		
Analyst:	RC		
Percent Solids:	88%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	--	1
2-Chloronaphthalene	ND		ug/kg	180	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	--	1
2,4-Dinitrotoluene	ND		ug/kg	180	--	1
2,6-Dinitrotoluene	ND		ug/kg	180	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	--	1
Hexachlorobutadiene	ND		ug/kg	180	--	1
Hexachlorocyclopentadiene	ND		ug/kg	520	--	1
Hexachloroethane	ND		ug/kg	150	--	1
Isophorone	ND		ug/kg	180	--	1
Naphthalene	ND		ug/kg	180	--	1
Nitrobenzene	ND		ug/kg	180	--	1
NDPA/DPA	ND		ug/kg	150	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	--	1
Butyl benzyl phthalate	ND		ug/kg	180	--	1
Di-n-butylphthalate	ND		ug/kg	180	--	1
Di-n-octylphthalate	ND		ug/kg	180	--	1
Diethyl phthalate	ND		ug/kg	180	--	1
Dimethyl phthalate	ND		ug/kg	180	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	150	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1212508-10 Date Collected: 07/12/12 15:25

Client ID: S-12L-B001-25.3-25.8 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	150	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	150	--	1
Fluorene	ND		ug/kg	180	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	410	--	1
4-Chloroaniline	ND		ug/kg	180	--	1
2-Nitroaniline	ND		ug/kg	180	--	1
3-Nitroaniline	ND		ug/kg	180	--	1
4-Nitroaniline	ND		ug/kg	180	--	1
Dibenzofuran	ND		ug/kg	180	--	1
2-Methylnaphthalene	ND		ug/kg	220	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	--	1
Acetophenone	ND		ug/kg	180	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	180	--	1
2-Chlorophenol	ND		ug/kg	180	--	1
2,4-Dichlorophenol	ND		ug/kg	180	--	1
2,4-Dimethylphenol	ND		ug/kg	180	--	1
2-Nitrophenol	ND		ug/kg	410	--	1
4-Nitrophenol	ND		ug/kg	260	--	1
2,4-Dinitrophenol	ND		ug/kg	890	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	--	1
Pentachlorophenol	ND		ug/kg	150	--	1
Phenol	ND		ug/kg	180	--	1
2-Methylphenol	ND		ug/kg	180	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	--	1
2,4,5-Trichlorophenol	ND		ug/kg	180	--	1
Carbazole	ND		ug/kg	180	--	1
Atrazine	ND		ug/kg	150	--	1
Benzaldehyde	ND		ug/kg	260	--	1
Caprolactam	ND		ug/kg	180	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1212508-10 Date Collected: 07/12/12 15:25

Client ID: S-12L-B001-25.3-25.8 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	100		0-136
4-Terphenyl-d14	83		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1212508-11	Date Collected:	07/12/12 15:25
Client ID:	S-12L-B001-27.2-27.7	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 18:10
Analytical Date:	07/28/12 04:13		
Analyst:	RC		
Percent Solids:	95%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	--	1
Hexachlorobenzene	ND		ug/kg	100	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	--	1
2-Chloronaphthalene	ND		ug/kg	170	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	--	1
2,4-Dinitrotoluene	ND		ug/kg	170	--	1
2,6-Dinitrotoluene	ND		ug/kg	170	--	1
Fluoranthene	ND		ug/kg	100	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	170	--	1
Hexachlorobutadiene	ND		ug/kg	170	--	1
Hexachlorocyclopentadiene	ND		ug/kg	480	--	1
Hexachloroethane	ND		ug/kg	140	--	1
Isophorone	ND		ug/kg	170	--	1
Naphthalene	ND		ug/kg	170	--	1
Nitrobenzene	ND		ug/kg	170	--	1
NDPA/DPA	ND		ug/kg	140	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	--	1
Butyl benzyl phthalate	ND		ug/kg	170	--	1
Di-n-butylphthalate	ND		ug/kg	170	--	1
Di-n-octylphthalate	ND		ug/kg	170	--	1
Diethyl phthalate	ND		ug/kg	170	--	1
Dimethyl phthalate	ND		ug/kg	170	--	1
Benzo(a)anthracene	ND		ug/kg	100	--	1
Benzo(a)pyrene	ND		ug/kg	140	--	1
Benzo(b)fluoranthene	ND		ug/kg	100	--	1
Benzo(k)fluoranthene	ND		ug/kg	100	--	1
Chrysene	ND		ug/kg	100	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1212508-11 Date Collected: 07/12/12 15:25

Client ID: S-12L-B001-27.2-27.7 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	140	--	1
Anthracene	ND		ug/kg	100	--	1
Benzo(ghi)perylene	ND		ug/kg	140	--	1
Fluorene	ND		ug/kg	170	--	1
Phenanthrene	ND		ug/kg	100	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	--	1
Pyrene	ND		ug/kg	100	--	1
Biphenyl	ND		ug/kg	380	--	1
4-Chloroaniline	ND		ug/kg	170	--	1
2-Nitroaniline	ND		ug/kg	170	--	1
3-Nitroaniline	ND		ug/kg	170	--	1
4-Nitroaniline	ND		ug/kg	170	--	1
Dibenzofuran	ND		ug/kg	170	--	1
2-Methylnaphthalene	ND		ug/kg	210	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	--	1
Acetophenone	ND		ug/kg	170	--	1
2,4,6-Trichlorophenol	ND		ug/kg	100	--	1
p-Chloro-m-cresol	ND		ug/kg	170	--	1
2-Chlorophenol	ND		ug/kg	170	--	1
2,4-Dichlorophenol	ND		ug/kg	170	--	1
2,4-Dimethylphenol	ND		ug/kg	170	--	1
2-Nitrophenol	ND		ug/kg	380	--	1
4-Nitrophenol	ND		ug/kg	240	--	1
2,4-Dinitrophenol	ND		ug/kg	830	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	--	1
Pentachlorophenol	ND		ug/kg	140	--	1
Phenol	ND		ug/kg	170	--	1
2-Methylphenol	ND		ug/kg	170	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	--	1
2,4,5-Trichlorophenol	ND		ug/kg	170	--	1
Carbazole	ND		ug/kg	170	--	1
Atrazine	ND		ug/kg	140	--	1
Benzaldehyde	ND		ug/kg	240	--	1
Caprolactam	ND		ug/kg	170	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1212508-11 Date Collected: 07/12/12 15:25

Client ID: S-12L-B001-27.2-27.7 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	88		0-136
4-Terphenyl-d14	75		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1212508-12	Date Collected:	07/13/12 09:25
Client ID:	EB-071312-01	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8270D	Extraction Date:	07/17/12 12:58
Analytical Date:	07/22/12 19:17		
Analyst:	JB		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/l	2.0	--	1
Hexachlorobenzene	ND		ug/l	2.0	--	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	--	1
2-Chloronaphthalene	ND		ug/l	2.0	--	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	--	1
2,4-Dinitrotoluene	ND		ug/l	5.0	--	1
2,6-Dinitrotoluene	ND		ug/l	5.0	--	1
Fluoranthene	ND		ug/l	2.0	--	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	--	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	--	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	--	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	--	1
Hexachlorobutadiene	ND		ug/l	2.0	--	1
Hexachlorocyclopentadiene	ND		ug/l	20	--	1
Hexachloroethane	ND		ug/l	2.0	--	1
Isophorone	ND		ug/l	5.0	--	1
Naphthalene	ND		ug/l	2.0	--	1
Nitrobenzene	ND		ug/l	2.0	--	1
NDPA/DPA	ND		ug/l	2.0	--	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	--	1
Butyl benzyl phthalate	ND		ug/l	5.0	--	1
Di-n-butylphthalate	ND		ug/l	5.0	--	1
Di-n-octylphthalate	ND		ug/l	5.0	--	1
Diethyl phthalate	ND		ug/l	5.0	--	1
Dimethyl phthalate	ND		ug/l	5.0	--	1
Benzo(a)anthracene	ND		ug/l	2.0	--	1
Benzo(a)pyrene	ND		ug/l	2.0	--	1
Benzo(b)fluoranthene	ND		ug/l	2.0	--	1
Benzo(k)fluoranthene	ND		ug/l	2.0	--	1
Chrysene	ND		ug/l	2.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1212508-12 Date Collected: 07/13/12 09:25

Client ID: EB-071312-01 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/l	2.0	--	1
Anthracene	ND		ug/l	2.0	--	1
Benzo(ghi)perylene	ND		ug/l	2.0	--	1
Fluorene	ND		ug/l	2.0	--	1
Phenanthrene	ND		ug/l	2.0	--	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	--	1
Pyrene	ND		ug/l	2.0	--	1
Biphenyl	ND		ug/l	2.0	--	1
4-Chloroaniline	ND		ug/l	5.0	--	1
2-Nitroaniline	ND		ug/l	5.0	--	1
3-Nitroaniline	ND		ug/l	5.0	--	1
4-Nitroaniline	ND		ug/l	5.0	--	1
Dibenzofuran	ND		ug/l	2.0	--	1
2-Methylnaphthalene	ND		ug/l	2.0	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	--	1
Acetophenone	ND		ug/l	5.0	--	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	--	1
p-Chloro-m-cresol	ND		ug/l	2.0	--	1
2-Chlorophenol	ND		ug/l	2.0	--	1
2,4-Dichlorophenol	ND		ug/l	5.0	--	1
2,4-Dimethylphenol	ND		ug/l	5.0	--	1
2-Nitrophenol	ND		ug/l	10	--	1
4-Nitrophenol	ND		ug/l	10	--	1
2,4-Dinitrophenol	ND		ug/l	20	--	1
4,6-Dinitro-o-cresol	ND		ug/l	10	--	1
Pentachlorophenol	ND		ug/l	10	--	1
Phenol	ND		ug/l	5.0	--	1
2-Methylphenol	ND		ug/l	5.0	--	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	--	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	--	1
Carbazole	ND		ug/l	2.0	--	1
Atrazine	ND		ug/l	10	--	1
Benzaldehyde	ND		ug/l	5.0	--	1
Caprolactam	ND		ug/l	10	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1212508-12 Date Collected: 07/13/12 09:25

Client ID: EB-071312-01 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	92		10-120
4-Terphenyl-d14	94		41-149

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1212508-13	Date Collected:	07/13/12 07:55
Client ID:	S-12L-B002-1.0-1.5	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 18:10
Analytical Date:	07/28/12 04:36		
Analyst:	RC		
Percent Solids:	14%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	950	--	1
Hexachlorobenzene	ND		ug/kg	710	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	1200	--	1
2-Chloronaphthalene	ND		ug/kg	1200	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	1200	--	1
2,4-Dinitrotoluene	ND		ug/kg	1200	--	1
2,6-Dinitrotoluene	ND		ug/kg	1200	--	1
Fluoranthene	710		ug/kg	710	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	1200	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	1200	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	1400	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	1200	--	1
Hexachlorobutadiene	ND		ug/kg	1200	--	1
Hexachlorocyclopentadiene	ND		ug/kg	3300	--	1
Hexachloroethane	ND		ug/kg	950	--	1
Isophorone	ND		ug/kg	1200	--	1
Naphthalene	ND		ug/kg	1200	--	1
Nitrobenzene	ND		ug/kg	1200	--	1
NDPA/DPA	ND		ug/kg	950	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	1200	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1200	--	1
Butyl benzyl phthalate	ND		ug/kg	1200	--	1
Di-n-butylphthalate	ND		ug/kg	1200	--	1
Di-n-octylphthalate	ND		ug/kg	1200	--	1
Diethyl phthalate	ND		ug/kg	1200	--	1
Dimethyl phthalate	ND		ug/kg	1200	--	1
Benzo(a)anthracene	ND		ug/kg	710	--	1
Benzo(a)pyrene	ND		ug/kg	950	--	1
Benzo(b)fluoranthene	ND		ug/kg	710	--	1
Benzo(k)fluoranthene	ND		ug/kg	710	--	1
Chrysene	ND		ug/kg	710	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1212508-13 Date Collected: 07/13/12 07:55

Client ID: S-12L-B002-1.0-1.5 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	950	--	1
Anthracene	ND		ug/kg	710	--	1
Benzo(ghi)perylene	ND		ug/kg	950	--	1
Fluorene	ND		ug/kg	1200	--	1
Phenanthrene	ND		ug/kg	710	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	710	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	950	--	1
Pyrene	ND		ug/kg	710	--	1
Biphenyl	ND		ug/kg	2600	--	1
4-Chloroaniline	ND		ug/kg	1200	--	1
2-Nitroaniline	ND		ug/kg	1200	--	1
3-Nitroaniline	ND		ug/kg	1200	--	1
4-Nitroaniline	ND		ug/kg	1200	--	1
Dibenzofuran	ND		ug/kg	1200	--	1
2-Methylnaphthalene	ND		ug/kg	1400	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1200	--	1
Acetophenone	ND		ug/kg	1200	--	1
2,4,6-Trichlorophenol	ND		ug/kg	710	--	1
p-Chloro-m-cresol	ND		ug/kg	1200	--	1
2-Chlorophenol	ND		ug/kg	1200	--	1
2,4-Dichlorophenol	ND		ug/kg	1200	--	1
2,4-Dimethylphenol	ND		ug/kg	1200	--	1
2-Nitrophenol	ND		ug/kg	2600	--	1
4-Nitrophenol	ND		ug/kg	1600	--	1
2,4-Dinitrophenol	ND		ug/kg	5700	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	3100	--	1
Pentachlorophenol	ND		ug/kg	950	--	1
Phenol	ND		ug/kg	1200	--	1
2-Methylphenol	ND		ug/kg	1200	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	1600	--	1
2,4,5-Trichlorophenol	ND		ug/kg	1200	--	1
Carbazole	ND		ug/kg	1200	--	1
Atrazine	ND		ug/kg	950	--	1
Benzaldehyde	ND		ug/kg	1600	--	1
Caprolactam	ND		ug/kg	1200	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	1200	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1212508-13 Date Collected: 07/13/12 07:55

Client ID: S-12L-B002-1.0-1.5 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	91		0-136
4-Terphenyl-d14	59		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1212508-14	Date Collected:	07/13/12 07:55
Client ID:	S-12L-B002-3.0-3.5	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 18:10
Analytical Date:	07/28/12 05:00		
Analyst:	RC		
Percent Solids:	76%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	--	1
Hexachlorobenzene	ND		ug/kg	130	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	210	--	1
2-Chloronaphthalene	ND		ug/kg	210	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	--	1
2,4-Dinitrotoluene	ND		ug/kg	210	--	1
2,6-Dinitrotoluene	ND		ug/kg	210	--	1
Fluoranthene	ND		ug/kg	130	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	--	1
Hexachlorobutadiene	ND		ug/kg	210	--	1
Hexachlorocyclopentadiene	ND		ug/kg	600	--	1
Hexachloroethane	ND		ug/kg	170	--	1
Isophorone	ND		ug/kg	210	--	1
Naphthalene	ND		ug/kg	210	--	1
Nitrobenzene	ND		ug/kg	210	--	1
NDPA/DPA	ND		ug/kg	170	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	--	1
Butyl benzyl phthalate	ND		ug/kg	210	--	1
Di-n-butylphthalate	ND		ug/kg	210	--	1
Di-n-octylphthalate	ND		ug/kg	210	--	1
Diethyl phthalate	ND		ug/kg	210	--	1
Dimethyl phthalate	ND		ug/kg	210	--	1
Benzo(a)anthracene	ND		ug/kg	130	--	1
Benzo(a)pyrene	ND		ug/kg	170	--	1
Benzo(b)fluoranthene	ND		ug/kg	130	--	1
Benzo(k)fluoranthene	ND		ug/kg	130	--	1
Chrysene	ND		ug/kg	130	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1212508-14 Date Collected: 07/13/12 07:55

Client ID: S-12L-B002-3.0-3.5 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	170	--	1
Anthracene	ND		ug/kg	130	--	1
Benzo(ghi)perylene	ND		ug/kg	170	--	1
Fluorene	ND		ug/kg	210	--	1
Phenanthrene	ND		ug/kg	130	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	--	1
Pyrene	ND		ug/kg	130	--	1
Biphenyl	ND		ug/kg	470	--	1
4-Chloroaniline	ND		ug/kg	210	--	1
2-Nitroaniline	ND		ug/kg	210	--	1
3-Nitroaniline	ND		ug/kg	210	--	1
4-Nitroaniline	ND		ug/kg	210	--	1
Dibenzofuran	ND		ug/kg	210	--	1
2-Methylnaphthalene	ND		ug/kg	260	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	--	1
Acetophenone	ND		ug/kg	210	--	1
2,4,6-Trichlorophenol	ND		ug/kg	130	--	1
p-Chloro-m-cresol	ND		ug/kg	210	--	1
2-Chlorophenol	ND		ug/kg	210	--	1
2,4-Dichlorophenol	ND		ug/kg	210	--	1
2,4-Dimethylphenol	ND		ug/kg	210	--	1
2-Nitrophenol	ND		ug/kg	470	--	1
4-Nitrophenol	ND		ug/kg	300	--	1
2,4-Dinitrophenol	ND		ug/kg	1000	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	550	--	1
Pentachlorophenol	ND		ug/kg	170	--	1
Phenol	ND		ug/kg	210	--	1
2-Methylphenol	ND		ug/kg	210	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	--	1
2,4,5-Trichlorophenol	ND		ug/kg	210	--	1
Carbazole	ND		ug/kg	210	--	1
Atrazine	ND		ug/kg	170	--	1
Benzaldehyde	ND		ug/kg	300	--	1
Caprolactam	ND		ug/kg	210	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	210	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1212508-14 Date Collected: 07/13/12 07:55

Client ID: S-12L-B002-3.0-3.5 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	91		0-136
4-Terphenyl-d14	75		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/27/12 09:30
Analyst: RC

Extraction Method: EPA 3540C
Extraction Date: 07/25/12 18:10

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-11,13-14 Batch: WG550855-1					
Acenaphthene	ND		ug/kg	130	--
Hexachlorobenzene	ND		ug/kg	100	--
Bis(2-chloroethyl)ether	ND		ug/kg	170	--
2-Chloronaphthalene	ND		ug/kg	170	--
3,3'-Dichlorobenzidine	ND		ug/kg	170	--
2,4-Dinitrotoluene	ND		ug/kg	170	--
2,6-Dinitrotoluene	ND		ug/kg	170	--
Fluoranthene	ND		ug/kg	100	--
4-Chlorophenyl phenyl ether	ND		ug/kg	170	--
4-Bromophenyl phenyl ether	ND		ug/kg	170	--
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	--
Bis(2-chloroethoxy)methane	ND		ug/kg	170	--
Hexachlorobutadiene	ND		ug/kg	170	--
Hexachlorocyclopentadiene	ND		ug/kg	460	--
Hexachloroethane	ND		ug/kg	130	--
Isophorone	ND		ug/kg	170	--
Naphthalene	ND		ug/kg	170	--
Nitrobenzene	ND		ug/kg	170	--
NDPA/DPA	ND		ug/kg	130	--
n-Nitrosodi-n-propylamine	ND		ug/kg	170	--
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	--
Butyl benzyl phthalate	ND		ug/kg	170	--
Di-n-butylphthalate	ND		ug/kg	170	--
Di-n-octylphthalate	ND		ug/kg	170	--
Diethyl phthalate	ND		ug/kg	170	--
Dimethyl phthalate	ND		ug/kg	170	--
Benzo(a)anthracene	ND		ug/kg	100	--
Benzo(a)pyrene	ND		ug/kg	130	--
Benzo(b)fluoranthene	ND		ug/kg	100	--
Benzo(k)fluoranthene	ND		ug/kg	100	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/27/12 09:30
Analyst: RC

Extraction Method: EPA 3540C
Extraction Date: 07/25/12 18:10

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-11,13-14 Batch: WG550855-1					
Chrysene	ND		ug/kg	100	--
Acenaphthylene	ND		ug/kg	130	--
Anthracene	ND		ug/kg	100	--
Benzo(ghi)perylene	ND		ug/kg	130	--
Fluorene	ND		ug/kg	170	--
Phenanthrene	ND		ug/kg	100	--
Dibenzo(a,h)anthracene	ND		ug/kg	100	--
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	--
Pyrene	ND		ug/kg	100	--
Biphenyl	ND		ug/kg	360	--
4-Chloroaniline	ND		ug/kg	170	--
2-Nitroaniline	ND		ug/kg	170	--
3-Nitroaniline	ND		ug/kg	170	--
4-Nitroaniline	ND		ug/kg	170	--
Dibenzofuran	ND		ug/kg	170	--
2-Methylnaphthalene	ND		ug/kg	200	--
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	--
Acetophenone	ND		ug/kg	170	--
2,4,6-Trichlorophenol	ND		ug/kg	100	--
p-Chloro-m-cresol	ND		ug/kg	170	--
2-Chlorophenol	ND		ug/kg	170	--
2,4-Dichlorophenol	ND		ug/kg	170	--
2,4-Dimethylphenol	ND		ug/kg	170	--
2-Nitrophenol	ND		ug/kg	360	--
4-Nitrophenol	ND		ug/kg	230	--
2,4-Dinitrophenol	ND		ug/kg	800	--
4,6-Dinitro-o-cresol	ND		ug/kg	430	--
Pentachlorophenol	ND		ug/kg	130	--
Phenol	ND		ug/kg	170	--
2-Methylphenol	ND		ug/kg	170	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/27/12 09:30
Analyst: RC

Extraction Method: EPA 3540C
Extraction Date: 07/25/12 18:10

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-11,13-14 Batch: WG550855-1					
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	--
2,4,5-Trichlorophenol	ND		ug/kg	170	--
Carbazole	ND		ug/kg	170	--
Atrazine	ND		ug/kg	130	--
Benzaldehyde	ND		ug/kg	230	--
Caprolactam	ND		ug/kg	170	--
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	93		25-120
Phenol-d6	94		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	84		0-136
4-Terphenyl-d14	93		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/22/12 17:00
Analyst: JB

Extraction Method: EPA 3510C
Extraction Date: 07/17/12 12:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,12 Batch: WG551673-1					
Acenaphthene	ND		ug/l	2.0	--
Hexachlorobenzene	ND		ug/l	2.0	--
Bis(2-chloroethyl)ether	ND		ug/l	2.0	--
2-Chloronaphthalene	ND		ug/l	2.0	--
3,3'-Dichlorobenzidine	ND		ug/l	5.0	--
2,4-Dinitrotoluene	ND		ug/l	5.0	--
2,6-Dinitrotoluene	ND		ug/l	5.0	--
Fluoranthene	ND		ug/l	2.0	--
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	--
4-Bromophenyl phenyl ether	ND		ug/l	2.0	--
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	--
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	--
Hexachlorobutadiene	ND		ug/l	2.0	--
Hexachlorocyclopentadiene	ND		ug/l	20	--
Hexachloroethane	ND		ug/l	2.0	--
Isophorone	ND		ug/l	5.0	--
Naphthalene	ND		ug/l	2.0	--
Nitrobenzene	ND		ug/l	2.0	--
NDPA/DPA	ND		ug/l	2.0	--
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	--
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	--
Butyl benzyl phthalate	ND		ug/l	5.0	--
Di-n-butylphthalate	ND		ug/l	5.0	--
Di-n-octylphthalate	ND		ug/l	5.0	--
Diethyl phthalate	ND		ug/l	5.0	--
Dimethyl phthalate	ND		ug/l	5.0	--
Benzo(a)anthracene	ND		ug/l	2.0	--
Benzo(a)pyrene	ND		ug/l	2.0	--
Benzo(b)fluoranthene	ND		ug/l	2.0	--
Benzo(k)fluoranthene	ND		ug/l	2.0	--
Chrysene	ND		ug/l	2.0	--

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212508
Report Date: 08/13/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/22/12 17:00
Analyst: JB

Extraction Method: EPA 3510C
Extraction Date: 07/17/12 12:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,12 Batch: WG551673-1					
Acenaphthylene	ND		ug/l	2.0	--
Anthracene	ND		ug/l	2.0	--
Benzo(ghi)perylene	ND		ug/l	2.0	--
Fluorene	ND		ug/l	2.0	--
Phenanthrene	ND		ug/l	2.0	--
Dibenzo(a,h)anthracene	ND		ug/l	2.0	--
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	--
Pyrene	ND		ug/l	2.0	--
Biphenyl	ND		ug/l	2.0	--
4-Chloroaniline	ND		ug/l	5.0	--
2-Nitroaniline	ND		ug/l	5.0	--
3-Nitroaniline	ND		ug/l	5.0	--
4-Nitroaniline	ND		ug/l	5.0	--
Dibenzofuran	ND		ug/l	2.0	--
2-Methylnaphthalene	ND		ug/l	2.0	--
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	--
Acetophenone	ND		ug/l	5.0	--
2,4,6-Trichlorophenol	ND		ug/l	5.0	--
p-Chloro-m-cresol	ND		ug/l	2.0	--
2-Chlorophenol	ND		ug/l	2.0	--
2,4-Dichlorophenol	ND		ug/l	5.0	--
2,4-Dimethylphenol	ND		ug/l	5.0	--
2-Nitrophenol	ND		ug/l	10	--
4-Nitrophenol	ND		ug/l	10	--
2,4-Dinitrophenol	ND		ug/l	20	--
4,6-Dinitro-o-cresol	ND		ug/l	10	--
Pentachlorophenol	ND		ug/l	10	--
Phenol	ND		ug/l	5.0	--
2-Methylphenol	ND		ug/l	5.0	--
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	--
2,4,5-Trichlorophenol	ND		ug/l	5.0	--

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212508
Report Date: 08/13/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/22/12 17:00
Analyst: JB

Extraction Method: EPA 3510C
Extraction Date: 07/17/12 12:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,12 Batch: WG551673-1					
Carbazole	ND		ug/l	2.0	--
Atrazine	ND		ug/l	10	--
Benzaldehyde	ND		ug/l	5.0	--
Caprolactam	ND		ug/l	10	--
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	89		15-120
2,4,6-Tribromophenol	96		10-120
4-Terphenyl-d14	108		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212508

Report Date: 08/13/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-11,13-14 Batch: WG550855-2 WG550855-3								
Acenaphthene	74		78		31-137	5		50
Hexachlorobenzene	80		84		40-140	5		50
Bis(2-chloroethyl)ether	67		76		40-140	13		50
2-Chloronaphthalene	72		80		40-140	11		50
3,3'-Dichlorobenzidine	61		61		40-140	0		50
2,4-Dinitrotoluene	86		**90**	Q	28-89	5		50
2,6-Dinitrotoluene	86		89		40-140	3		50
Fluoranthene	80		85		40-140	6		50
4-Chlorophenyl phenyl ether	77		83		40-140	8		50
4-Bromophenyl phenyl ether	85		92		40-140	8		50
Bis(2-chloroisopropyl)ether	71		75		40-140	5		50
Bis(2-chloroethoxy)methane	68		77		40-117	12		50
Hexachlorobutadiene	68		76		40-140	11		50
Hexachlorocyclopentadiene	42		48		40-140	13		50
Hexachloroethane	64		72		40-140	12		50
Isophorone	68		76		40-140	11		50
Naphthalene	67		72		40-140	7		50
Nitrobenzene	67		76		40-140	13		50
NitrosoDiPhenylAmine(NDPA)/DPA	85		88		36-157	3		50
n-Nitrosodi-n-propylamine	66		76		32-121	14		50
Bis(2-Ethylhexyl)phthalate	87		91		40-140	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212508

Report Date: 08/13/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-11,13-14 Batch: WG550855-2 WG550855-3								
Butyl benzyl phthalate	83		88		40-140	6		50
Di-n-butylphthalate	83		87		40-140	5		50
Di-n-octylphthalate	84		90		40-140	7		50
Diethyl phthalate	82		87		40-140	6		50
Dimethyl phthalate	78		82		40-140	5		50
Benzo(a)anthracene	81		86		40-140	6		50
Benzo(a)pyrene	83		88		40-140	6		50
Benzo(b)fluoranthene	80		87		40-140	8		50
Benzo(k)fluoranthene	84		92		40-140	9		50
Chrysene	82		88		40-140	7		50
Acenaphthylene	75		82		40-140	9		50
Anthracene	80		85		40-140	6		50
Benzo(ghi)perylene	81		87		40-140	7		50
Fluorene	74		80		40-140	8		50
Phenanthrene	80		84		40-140	5		50
Dibenzo(a,h)anthracene	82		86		40-140	5		50
Indeno(1,2,3-cd)Pyrene	80		87		40-140	8		50
Pyrene	78		86		35-142	10		50
Biphenyl	65		70		54-104	7		50
4-Chloroaniline	57		55		40-140	4		50
2-Nitroaniline	81		86		47-134	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212508

Report Date: 08/13/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-11,13-14 Batch: WG550855-2 WG550855-3								
3-Nitroaniline	65		63		26-129	3		50
4-Nitroaniline	81		81		41-125	0		50
Dibenzofuran	78		82		40-140	5		50
2-Methylnaphthalene	70		75		40-140	7		50
1,2,4,5-Tetrachlorobenzene	66		69		40-117	4		50
Acetophenone	64		71		14-144	10		50
2,4,6-Trichlorophenol	83		92		30-130	10		50
P-Chloro-M-Cresol	85		91		26-103	7		50
2-Chlorophenol	72		80		25-102	11		50
2,4-Dichlorophenol	79		89		30-130	12		50
2,4-Dimethylphenol	80		88		30-130	10		50
2-Nitrophenol	71		78		30-130	9		50
4-Nitrophenol	88		91		11-114	3		50
2,4-Dinitrophenol	67		70		4-130	4		50
4,6-Dinitro-o-cresol	76		83		10-130	9		50
Pentachlorophenol	70		82		17-109	16		50
Phenol	69		77		26-90	11		50
2-Methylphenol	74		80		30-130.	8		50
3-Methylphenol/4-Methylphenol	73		82		30-130	12		50
2,4,5-Trichlorophenol	86		90		30-130	5		50
Carbazole	80		88		54-128	10		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212508

Report Date: 08/13/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-11,13-14 Batch: WG550855-2 WG550855-3								
Atrazine	74		79		40-140	7		50
Benzaldehyde	72		82		40-140	13		50
Caprolactam	76		80		15-130	5		50
2,3,4,6-Tetrachlorophenol	83		86		40-140	4		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	79		88		25-120
Phenol-d6	77		90		10-120
Nitrobenzene-d5	71		78		23-120
2-Fluorobiphenyl	74		78		30-120
2,4,6-Tribromophenol	85		92		0-136
4-Terphenyl-d14	78		85		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212508

Report Date: 08/13/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,12 Batch: WG551673-2 WG551673-3								
Acenaphthene	74		72		37-111	3		30
Hexachlorobenzene	76		71		40-140	7		30
Bis(2-chloroethyl)ether	79		71		40-140	11		30
2-Chloronaphthalene	76		73		40-140	4		30
3,3'-Dichlorobenzidine	71		79		40-140	11		30
2,4-Dinitrotoluene	89		84		24-96	6		30
2,6-Dinitrotoluene	84		78		40-140	7		30
Fluoranthene	81		80		40-140	1		30
4-Chlorophenyl phenyl ether	78		73		40-140	7		30
4-Bromophenyl phenyl ether	76		71		40-140	7		30
Bis(2-chloroisopropyl)ether	86		76		40-140	12		30
Bis(2-chloroethoxy)methane	78		71		40-140	9		30
Hexachlorobutadiene	62		62		40-140	0		30
Hexachlorocyclopentadiene	46		47		40-140	2		30
Hexachloroethane	63		61		40-140	3		30
Isophorone	78		71		40-140	9		30
Naphthalene	70		67		40-140	4		30
Nitrobenzene	82		76		40-140	8		30
NitrosoDiPhenylAmine(NDPA)/DPA	75		71		40-140	5		30
n-Nitrosodi-n-propylamine	79		70		29-132	12		30
Bis(2-Ethylhexyl)phthalate	100		92		40-140	8		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212508

Report Date: 08/13/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,12 Batch: WG551673-2 WG551673-3								
Butyl benzyl phthalate	92		90		40-140	2		30
Di-n-butylphthalate	92		89		40-140	3		30
Di-n-octylphthalate	108		99		40-140	9		30
Diethyl phthalate	86		80		40-140	7		30
Dimethyl phthalate	81		76		40-140	6		30
Benzo(a)anthracene	84		79		40-140	6		30
Benzo(a)pyrene	84		81		40-140	4		30
Benzo(b)fluoranthene	88		78		40-140	12		30
Benzo(k)fluoranthene	84		86		40-140	2		30
Chrysene	80		78		40-140	3		30
Acenaphthylene	76		70		45-123	8		30
Anthracene	81		79		40-140	3		30
Benzo(ghi)perylene	86		84		40-140	2		30
Fluorene	79		75		40-140	5		30
Phenanthrene	81		79		40-140	3		30
Dibenzo(a,h)anthracene	91		89		40-140	2		30
Indeno(1,2,3-cd)Pyrene	91		89		40-140	2		30
Pyrene	80		79		26-127	1		30
Biphenyl	74		72			3		30
4-Chloroaniline	67		63		40-140	6		30
2-Nitroaniline	84		80		52-143	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212508

Report Date: 08/13/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,12 Batch: WG551673-2 WG551673-3								
3-Nitroaniline	55		66		25-145	18		30
4-Nitroaniline	73		72		51-143	1		30
Dibenzofuran	77		73		40-140	5		30
2-Methylnaphthalene	71		68		40-140	4		30
1,2,4,5-Tetrachlorobenzene	73		69		2-134	6		30
Acetophenone	82		75		39-129	9		30
2,4,6-Trichlorophenol	88		82		30-130	7		30
P-Chloro-M-Cresol	87		80		23-97	8		30
2-Chlorophenol	80		73		27-123	9		30
2,4-Dichlorophenol	84		80		30-130	5		30
2,4-Dimethylphenol	76		68		30-130	11		30
2-Nitrophenol	88		79		30-130	11		30
4-Nitrophenol	54		56		10-80	4		30
2,4-Dinitrophenol	89		90		20-130	1		30
4,6-Dinitro-o-cresol	84		78		20-164	7		30
Pentachlorophenol	78		77		9-103	1		30
Phenol	42		38		12-110	10		30
2-Methylphenol	72		63		30-130	13		30
3-Methylphenol/4-Methylphenol	71		67		30-130	6		30
2,4,5-Trichlorophenol	89		81		30-130	9		30
Carbazole	81		79		55-144	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212508

Report Date: 08/13/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,12 Batch: WG551673-2 WG551673-3								
Atrazine	102		101		40-140	1		30
Benzaldehyde	90		89		40-140	1		30
Caprolactam	30		29		10-130	3		30
2,3,4,6-Tetrachlorophenol	84		78		40-140	7		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	59		54		21-120
Phenol-d6	39		35		10-120
Nitrobenzene-d5	84		76		23-120
2-Fluorobiphenyl	75		71		15-120
2,4,6-Tribromophenol	89		90		10-120
4-Terphenyl-d14	87		85		41-149

PCBS

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1212508-02	Date Collected:	07/12/12 12:00
Client ID:	EB-071212-01	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8082	Extraction Date:	07/19/12 16:15
Analytical Date:	07/20/12 22:47	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/19/12
		Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/19/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/l	0.250	--	1
Aroclor 1221	ND		ug/l	0.250	--	1
Aroclor 1232	ND		ug/l	0.250	--	1
Aroclor 1242	ND		ug/l	0.250	--	1
Aroclor 1248	ND		ug/l	0.250	--	1
Aroclor 1254	ND		ug/l	0.250	--	1
Aroclor 1260	ND		ug/l	0.250	--	1
Aroclor 1262	ND		ug/l	0.250	--	1
Aroclor 1268	ND		ug/l	0.250	--	1

2,4,5,6-Tetrachloro-m-xylene	88	30-150
Decachlorobiphenyl	34	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1212508-12	Date Collected:	07/13/12 09:25
Client ID:	EB-071312-01	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8082	Extraction Date:	07/19/12 16:15
Analytical Date:	07/20/12 22:33	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/19/12
		Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/19/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/l	0.250	--	1
Aroclor 1221	ND		ug/l	0.250	--	1
Aroclor 1232	ND		ug/l	0.250	--	1
Aroclor 1242	ND		ug/l	0.250	--	1
Aroclor 1248	ND		ug/l	0.250	--	1
Aroclor 1254	ND		ug/l	0.250	--	1
Aroclor 1260	ND		ug/l	0.250	--	1
Aroclor 1262	ND		ug/l	0.250	--	1
Aroclor 1268	ND		ug/l	0.250	--	1

2,4,5,6-Tetrachloro-m-xylene	92	30-150
Decachlorobiphenyl	45	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212508

Project Number: TO-0010-05 **Report Date:** 08/13/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082
Analytical Date: 07/20/12 23:00
Analyst: KB

Extraction Method: EPA 3510C
Extraction Date: 07/19/12 16:15
Cleanup Method1: EPA 3665A
Cleanup Date1: 07/19/12
Cleanup Method2: EPA 3660B
Cleanup Date2: 07/19/12

Parameter	Result	Qualifier	Units	RL	MDL
PCB by GC - Westborough Lab for sample(s): 02,12 Batch: WG549615-1					
Aroclor 1016	ND		ug/l	0.250	--
Aroclor 1221	ND		ug/l	0.250	--
Aroclor 1232	ND		ug/l	0.250	--
Aroclor 1242	ND		ug/l	0.250	--
Aroclor 1248	ND		ug/l	0.250	--
Aroclor 1254	ND		ug/l	0.250	--
Aroclor 1260	ND		ug/l	0.250	--
Aroclor 1262	ND		ug/l	0.250	--
Aroclor 1268	ND		ug/l	0.250	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	89		30-150
Decachlorobiphenyl	107		30-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212508

Report Date: 08/13/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
PCB by GC - Westborough Lab Associated sample(s): 02,12 Batch: WG549615-2 WG549615-3								
Aroclor 1016	77		86		40-140	11		50
Aroclor 1260	77		87		40-140	12		50

INORGANICS
&
MISCELLANEOUS

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212508
Report Date: 08/13/12

SAMPLE RESULTS

Lab ID: L1212508-01
Client ID: S-12L-B001-1.0-1.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/12/12 12:45
Date Received: 07/13/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	34		%	0.10	NA	1	-	07/13/12 19:30	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212508
Report Date: 08/13/12

SAMPLE RESULTS

Lab ID: L1212508-03
Client ID: S-12L-B001-4.0-4.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/12/12 12:45
Date Received: 07/13/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86		%	0.10	NA	1	-	07/13/12 19:30	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212508
Report Date: 08/13/12

SAMPLE RESULTS

Lab ID: L1212508-04
Client ID: S-12L-B001-6.0-6.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/12/12 13:15
Date Received: 07/13/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89		%	0.10	NA	1	-	07/13/12 19:30	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212508
Report Date: 08/13/12

SAMPLE RESULTS

Lab ID: L1212508-05
Client ID: S-12L-B001-21.5-22.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/12/12 15:00
Date Received: 07/13/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88		%	0.10	NA	1	-	07/13/12 19:30	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212508
Report Date: 08/13/12

SAMPLE RESULTS

Lab ID: L1212508-06
Client ID: S-12L-B001-16.7-17.2
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/12/12 14:25
Date Received: 07/13/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85		%	0.10	NA	1	-	07/13/12 19:30	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212508
Report Date: 08/13/12

SAMPLE RESULTS

Lab ID: L1212508-07
Client ID: S-12L-B001-18.6-19.1
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/12/12 12:45
Date Received: 07/13/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90		%	0.10	NA	1	-	07/13/12 19:30	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212508
Report Date: 08/13/12

SAMPLE RESULTS

Lab ID: L1212508-08
Client ID: S-12L-B001-18.6-19.1 REP
Sample Location: NEW BEDFORD, MA
Matrix: Sediment
Date Collected: 07/12/12 12:45
Date Received: 07/13/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90		%	0.10	NA	1	-	07/13/12 19:30	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212508
Report Date: 08/13/12

SAMPLE RESULTS

Lab ID: L1212508-09
Client ID: S-12L-B001-23.5-24.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/12/12 15:00
Date Received: 07/13/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94		%	0.10	NA	1	-	07/13/12 19:30	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212508
Report Date: 08/13/12

SAMPLE RESULTS

Lab ID: L1212508-10
Client ID: S-12L-B001-25.3-25.8
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/12/12 15:25
Date Received: 07/13/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88		%	0.10	NA	1	-	07/13/12 19:30	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212508
Report Date: 08/13/12

SAMPLE RESULTS

Lab ID: L1212508-11
Client ID: S-12L-B001-27.2-27.7
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/12/12 15:25
Date Received: 07/13/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95		%	0.10	NA	1	-	07/13/12 19:30	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212508
Report Date: 08/13/12

SAMPLE RESULTS

Lab ID: L1212508-13
Client ID: S-12L-B002-1.0-1.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/13/12 07:55
Date Received: 07/13/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	14		%	0.10	NA	1	-	07/13/12 19:30	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212508
Report Date: 08/13/12

SAMPLE RESULTS

Lab ID: L1212508-14
Client ID: S-12L-B002-3.0-3.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/13/12 07:55
Date Received: 07/13/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76		%	0.10	NA	1	-	07/13/12 19:30	30,2540G	RD

Lab Duplicate Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212508
Report Date: 08/13/12

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03-11,13-14 QC Batch ID: WG550776-1 QC Sample: L1212508-01 Client ID: S-12L-B001-1.0-1.5						
Solids, Total	34	34	%	0		20

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212508
Report Date: 08/13/12

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 07/13/2012 18:30

Cooler Information Custody Seal

Cooler	
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1212508-01A	Amber 250ml unpreserved	B	N/A	5	Y	Absent	8270TCL(14),TS(7)
L1212508-02A	Vial HCl preserved	C	N/A	4	Y	Absent	8260(14)
L1212508-02B	Vial HCl preserved	C	N/A	4	Y	Absent	8260(14)
L1212508-02C	Amber 1000ml unpreserved	C	7	4	Y	Absent	8270TCL(7),PCB-8082(7)
L1212508-02D	Amber 1000ml unpreserved	C	7	4	Y	Absent	8270TCL(7),PCB-8082(7)
L1212508-02E	Amber 1000ml unpreserved	C	7	4	Y	Absent	8270TCL(7)
L1212508-02F	Amber 1000ml unpreserved	C	7	4	Y	Absent	8270TCL(7)
L1212508-03A	Amber 250ml unpreserved	B	N/A	5	Y	Absent	8270TCL(14),TS(7)
L1212508-04A	Amber 250ml unpreserved	B	N/A	5	Y	Absent	8270TCL(14),TS(7)
L1212508-05A	Amber 250ml unpreserved	B	N/A	5	Y	Absent	8270TCL(14),TS(7)
L1212508-06A	Amber 250ml unpreserved	B	N/A	5	Y	Absent	8270TCL(14),TS(7)
L1212508-07A	Amber 250ml unpreserved	B	N/A	5	Y	Absent	8270TCL(14),TS(7)
L1212508-07B	Vial water preserved	A	N/A	4	Y	Absent	8260HLW-WHG(14)
L1212508-07C	Vial water preserved	A	N/A	4	Y	Absent	8260HLW-WHG(14)
L1212508-08A	Amber 250ml unpreserved	B	N/A	5	Y	Absent	8270TCL(14),TS(7)
L1212508-08B	Vial water preserved	A	N/A	4	Y	Absent	8260HLW-WHG(14)
L1212508-08C	Vial water preserved	A	N/A	4	Y	Absent	8260HLW-WHG(14)
L1212508-09A	Amber 250ml unpreserved	B	N/A	5	Y	Absent	8270TCL(14),TS(7)
L1212508-10A	Amber 250ml unpreserved	B	N/A	5	Y	Absent	8270TCL(14),TS(7)
L1212508-11A	Amber 250ml unpreserved	B	N/A	5	Y	Absent	8270TCL(14),TS(7)
L1212508-11B	Vial water preserved	A	N/A	4	Y	Absent	8260HLW-WHG(14)
L1212508-11C	Vial water preserved	A	N/A	4	Y	Absent	8260HLW-WHG(14)
L1212508-12A	Vial HCl preserved	C	N/A	4	Y	Absent	8260(14)
L1212508-12B	Vial HCl preserved	C	N/A	4	Y	Absent	8260(14)

(*) Values in parentheses indicate holding time in days

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212508
Report Date: 08/13/12

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1212508-12C	Amber 1000ml unpreserved	C	7	4	Y	Absent	8270TCL(7),PCB-8082(7)
L1212508-12D	Amber 1000ml unpreserved	C	7	4	Y	Absent	8270TCL(7),PCB-8082(7)
L1212508-12E	Amber 1000ml unpreserved	C	7	4	Y	Absent	8270TCL(7)
L1212508-12F	Amber 1000ml unpreserved	C	7	4	Y	Absent	8270TCL(7)
L1212508-13A	Amber 250ml unpreserved	B	N/A	5	Y	Absent	8270TCL(14),TS(7)
L1212508-14A	Amber 250ml unpreserved	B	N/A	5	Y	Absent	8270TCL(14),TS(7)
L1212508-15A	Vial HCl preserved	C	N/A	4	Y	Absent	HOLD(14)
L1212508-16A	Vial water preserved	A	N/A	4	Y	Absent	8260HLW-WHG(14)
L1212508-16B	Vial water preserved	A	N/A	4	Y	Absent	8260HLW-WHG(14)

(*) Values in parentheses indicate holding time in days

Project Name:	NEW BEDFORD AEROVOX	**Lab Number:**	L1212508
Project Number:	TO-0010-05	**Report Date:**	08/13/12

GLOSSARY

Acronyms

EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than five times (5x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit.
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
D	- Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
E	- Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
G	- The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
H	- The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
I	- The RPD between the results for the two columns exceeds the method-specified criteria; however, the lower value has been reported due to obvious interference.
M	- Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
NJ	- Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

Report Format: Data Usability Report

Project Name:	NEW BEDFORD AEROVOX	**Lab Number:**	L1212508
Project Number:	TO-0010-05	**Report Date:**	08/13/12

Data Qualifiers

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the reporting limit (RL) for the sample.

Report Format: Data Usability Report

Project Name:	NEW BEDFORD AEROVOX	**Lab Number:**	L1212508
Project Number:	TO-0010-05	**Report Date:**	08/13/12

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certificate/Approval Program Summary

Last revised August 3, 2012 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0574. ***NELAP Accredited Solid Waste/Soil.***

Drinking Water (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Nickel, Selenium, Silver, Sodium, Thallium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP) 504.1, Ethylene Dibromide (EDB) 504.1, 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223, Enumeration and P/A), E. Coli. – Colilert (SM9223, Enumeration and P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform-EC Medium (SM 9221E).

Wastewater/Non-Potable Water (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), E. Coli – Colilert (SM9223 Enumeration), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E), Enterococcus - Enterolert.

Solid Waste/Soil (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Dalapon, Volatile Organics (SW 8260), Acid Extractables (Phenols) (SW 8270), Benzidines (SW 8270), Phthalates (SW 8270), Nitrosamines (SW 8270), Nitroaromatics & Cyclic Ketones (SW 8270), PAHs (SW 8270), Haloethers (SW 8270), Chlorinated Hydrocarbons (SW 8270).)

Maine Department of Human Services Certificate/Lab ID: 2009024.
Drinking Water (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 353.2, SM2130B, 2320B, 2540C, 4500Cl-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 350.1, 351.1, 353.2, 410.4, 420.1, SM2320B, 2510B, 2540C, 2540D, 426C, 4500Cl-D, 4500Cl-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-B, 4500Norg-C, 4500NH3-B, 4500NH3-G, 4500NO3-F, 4500P-B, 4500P-E, 5210B, 5220D, 5310C, 9010B, 9040B, 9030B, 7470A, 7196A, 2340B, EPA 200.7, 6010B, 200.8, 6020, 245.1, 1311, 1312, 3005A, Enterolert, 9223D, 9222D. Organic Parameters: 608, 624, 625, 8081A, 8082, 8330, 8151A, 8260B, 8270C, 3510C, 3630C, 5030B, ME-DRO, ME-GRO, MA-EPH, MA-VPH.)

Solid Waste/Soil (Inorganic Parameters: 9010B, 9012A, 9014A, 9030B, 9040B, 9045C, 6010B, 7471A, 7196A, 9050A, 1010, 1030, 9065, 1311, 1312, 3005A, 3050B. Organic Parameters: ME-DRO, ME-GRO, MA-EPH, MA-VPH, 8260B, 8270C, 8330, 8151A, 8081A, 8082, 3540C, 3546, 3580A, 3630C, 5030B, 5035.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.
*Drinking Water (*Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl) (EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate); (EPA 353.2 for: Nitrate-N, Nitrite-N); (SM4500NO3-F for: Nitrate-N and Nitrite-N); 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, 2320B, SM2540C, SM4500H-B. Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics); (504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), EPA 332. Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; ColilertQT SM9223B; MF-SM9222D.)

Non-Potable Water (Inorganic Parameters:, (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn); (EPA 200.7

for: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn); 245.1, SM4500H,B, EPA 120.1, SM2510B, 2540C, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.
Organic Parameters: (EPA 624 for Volatile Halocarbons, Volatile Aromatics),(608 for: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT,Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs-Water), (EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables), 600/4-81-045-PCB-Oil. Microbiology Parameters: (ColilertQT SM9223B; Enterolert-QT: SM9222D-MF.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM 9222B, 9223B, 9215B, EPA 200.7, 200.8, 300.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 332.0. Organic Parameters: 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM9222D, 9221B, 9222B, 9221E-EC, EPA 3005A, 200.7, 200.8, 245.1, SW-846 6010B, 6010C, 6020, 6020A, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 350.2, 351.1, 353.2, 410.4, 420.1, 426C, 1664A, SW-846 9010B, 9030B, 9040B, SM2120B, 2310B, 2320B, 2540B, 2540D, 4500H+B, 4500CL-E, 4500CN-E, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500P-E, 4500-S2-D, 5210B, 5220D, 2510B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D, 3060A. Organic Parameters: SW-846 3510C, 3630C, 5030B, 8260B, 8270C, 8270D, 8330, EPA 624, 625, 608, SW-846 8082, 8082A, 8081A, 8081B, 8151A, 8330, 8270C-SIM, 8270D-SIM.)

Solid & Chemical Materials (Inorganic Parameters: SW-846 6010B, 6010C, 7196A, 7471A, 1010, 1030, 9010, 9012A, 9014, 9030B, 9040B, 9045C, 9050, 9065,1311, 1312, 3005A, 3050B, 3060A. Organic Parameters: SW-846 3540C, 3546, 3050B, 3580A, 3630C, 5030B, 5035, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330, 8151A, 8015B, 8015C, 8082, 8082A, 8081A, 8081B.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9222B, 9221E, 9223B, 9215B, 4500CN-CE, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 200.8, 245.1, 2540C, SM2120B, 2320B, 2510B, 5310C, SM4500H-B. Organic Parameters: EPA 332, 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM5210B, EPA 410.4, SM5220D, 4500Cl-E, EPA 300.0, SM2120B, 2340B, SM4500F-BC, EPA 200.7, 200.8, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310B, C or D, 4500-PE, EPA 420.1, SM510ABC, SM4500P-B5+E, 2540B, 2540C, 2540D, 2540G, EPA 120.1, SM2510B, SM2520B, SM15 426C, 9222D, 9221B, 9221C, 9221E, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, EPA 350.1, 350.2, SW-846 1312, 7470A, 5540C, SM4500H-B, 4500SO3-B, SM3500Cr-D, 4500CN-CE, EPA 245.1, SW-846 9040B, 3005A, 3015, EPA 6010B, 6010C, 6020, 6020A, 7196A, 3060A, SW-846 9010B, 9030B. Organic Parameters: SW-846 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3510C, EPA 608, 624, 625, SW-846 3630C, 5030B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 1,4-Dioxane by NJ Modified 8270, 8015B, NJ EPH.)

Solid & Chemical Materials (Inorganic Parameters: SW-846, 6010B, 6010C, 6020, 6020A, 7196A, 3060A, 9010B, 9030B, 1010, 1030, 1311, 1312, 3005A, 3050B, 7471A, 7471B, 9014, 9012A, 9040B, 9040C, 9045C, 9045D, 9050A, 9065, 9251. Organic Parameters: SW-846 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3540C, 3546, 3580A, 3630C, 5030B, 5035L, 5035H, NJ OQA-QAM-025 Rev.7, NJ EPH.)

New York Department of Health Certificate/Lab ID: 11148. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.2, SM5310C, EPA 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500NO3-F, 2540C, SM 2510B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, 5310C, EPA 410.4, SM5220D, 2310B-4a, 2320B, EPA 200.7, 300.0, SM4500CL-E, 4500F-C, SM15 426C, EPA 350.1, SM4500NH3-BH, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010B, 6010C, 6020, 6020A, EPA 7196A, SM3500Cr-D, EPA 245.1, 245.2, 7470A, SM2120B, LACHAT 10-204-00-1-A, 4500CN-CE, EPA 1664A, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 3005A, 3015, 9010B, 9030B. Organic Parameters: EPA 624, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 625, 608, 8081A, 8081B, 8151A, 8330, 8082, 8082A, EPA 3510C, 5030B.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010, 1030, EPA 6010B, 6010C, 7196A, 7471A, 7471B, 9012A, 9014, 9065, 9050A, EPA 1311, 1312, 3005A, 3050B, 9010B, 9040C, 9045D. Organic Parameters: EPA 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8015B, 8015C, 8081A, 8081B, 8151A, 8330, 8082 8082A, 3540C, 3546, 3580, 3580A, 5030B, 5035H, 5035L.)

North Carolina Department of the Environment and Natural Resources Certificate/Lab ID : 666. (Inorganic Parameters: SM2310B, 2320B, 4500Cl-E, 4500Cn-E, 9014, Lachat 10-204-00-1-X, 1010A, 1030, 4500NO3-F, 353.2, 4500P-E, 4500SO4-E, 300.0, 4500S-D, 5310B, 5310C, 6010C, 6020A, 200.7, 200.8, 3500Cr-B, 7196A, 245.1, 7471A, 7471B, 1311,1312. Organic Parameters: 608, 8081B, 8082A, 624, 8260B, 625, 8270D, 8151A, 8015C, 504.1, MA-EPH, MA-VPH.)

Drinking Water Program Certificate/Lab ID: 25700. (Inorganic Parameters: Chloride EPA 300.0. Organic Parameters: 524.2)

Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: 200.7, 200.8, 245.2, 300.0, 332.0, 2120B, 2320B, 2510B, 2540C, 4500-CN-CE, 4500F-C, 4500H+-B, 4500NO3-F, 5310C. Organic Parameters: EPA 524.2, 504.1)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1312, 3005A,3015, 3060A, 200.7, 200.8, 410.4, 1664A, SM2540D, 5210B, 5220D, 4500-P,BE, 245.1, 300.0, 3501., 350.2, 353.2, 420.1, 6010B, 6010C, 6020, 6020A, 7196A, 7470A, 9010B, 9030B, 9040B, Lachat 10-107-06-2-D, NJ-EPH, 2120B, 2310B, 2320B, 2340B, 2510C, 2540B, 2540C, 3500Cr-D, 436C, 4500CN-CE, 4500Cl-E, 4500F-B, 4500F-C, 4500H+-B, 4500NO2-B, 4500NO3-F, 4500S-D, 4500SO3-B, 5310BCD, 5540C. Organic Parameters: EPA 3510C, 3630C, 5030B, 625, 624, 608, 8081A, 8081B, 8082, 8082A, 8151A, 8260B, 8270C, 8270D, 8330, 8015B,)

Solid & Hazardous Waste (Inorganic Parameters: EPA 350.1, 1010, 1030, 1311, 1312, 3005A, 3050B, 3060A, 6010B, 6010C, 6020A, 7196A, 7471A, 7471B, 9010B, 9012A, 9014, 9040B, 9045C, 9050, 9065, SM 4500NH3-BH, 9030B, 9038, 9251. Organic Parameters: 3540C, 3546, 3580A, 3630C, 5035, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330, NJ-EPH.)

Rhode Island Department of Health Certificate/Lab ID: LAO00065. ***NELAP Accredited via NJ-DEP.***
Refer to MA-DEP Certificate for Potable and Non-Potable Water.
Refer to NJ-DEP Certificate for Potable and Non-Potable Water.

Texas Commisson on Environmental Quality Certificate/Lab ID: T104704476-09-1. ***NELAP Accredited.***
Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 $S2^{-}$D, 510C, 5210B, 5220D, 5310C, 5540C. Organic Parameters: EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

Virginia Division of Consolidated Laboratory Services Certificate/Lab ID: 460195. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: EPA 200.7, 200.8, 300.0, 2510B, 2120B, 2540C, 4500CN-CE, 245.2, 2320B, 4500F-C, 4500F-C, 4500NO3-F, 5310C. Organic Parameters: EPA 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 200.7, 2..08, 245.1, 300.0, 3005A, 3015, 1312, 6010B, 6010C, 3060A, 353.2, 420.1, 6020, 6020A, SM4500S-D, SM4500-CN-CE, Lachat 10-204-00-1-X, 7196A, 7470A, 9010B, 9040B, 2310B, 2320B, 2510B, 2540B, 2540C, 3500Cr-D, 426C, 4500Cl-E, 4500F-B, 4500F-C, 4500PE, 510AC, 5210B, 5310B 5310C, 5540C. Organic Parameters: EPA 3510C, 3630C, 5030B, 8260B, 608, 624, 625, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330,)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010A, 1030, 3060A, 3050B, 1311, 1312, 6010B, 6010C, 6020, , 7196A, 7471A, 7471B, 6020A, 9030B, 9010B, 9012A, 9014 9040B, 9045C, 9050A, 9065. Organic Parameters: EPA 5035, 3540C, 3546, 3550, 3580, 3630C, 8260B, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330.)

Department of Defense, L-A-B Certificate/Lab ID: L2217.
Drinking Water (Inorganic Parameters: SM 4500H-B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: EPA 200.7, 200.8, 6010B, 6010C, 6020, 6020A, 245.1, 245.2, 7470A, 9040B, 9010B, 180.1. 300.0, 332.0, 6860, 353.2, 410.4, 9060, 1664A, SM 4500CN-E, 4500H-B, 4500NO3-F, 4500CL-D, 5220D, 5310C, 2130B, 2320B, 2540C, 3005A, 3015, 9010B, 9056. Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A, 8082, 8082A, 8041A, 8081B, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 200.7, 6010B, 6010C, 7471A, 6860, 1311, 1312, 3050B, 7196A, 9010B, 9012A, 9040B, 9045C, 3500-CR-D, 4500CN-CE, 2540G, Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A/B-prep, 8082, 8082A, 8081A, 8081B, 3540C, 3546, 3580A, 5035A, MassDEP EPH, MassDEP VPH.)

The following analytes are not included in our current NELAP/TNI Scope of Accreditation:
EPA 8260B: Freon-113, 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8330A:** PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C:** Methyl naphthalene, Dimethyl naphthalene, Total Methylnapthalenes, Total Dimethylnaphthalenes, 1,4-Diphenylhydrazine (Azobenzene). **EPA 625:** 4-Chloroaniline, 4-Methylphenol. Total Phosphorus in a soil matrix, Chloride in a soil matrix, TKN in a soil matrix, NO2 in a soil matrix, NO3 in a soil matrix, SO4 in a soil matrix. **EPA 9071:** Total Petroleum Hydrocarbons, Oil & Grease

CHAIN OF CUSTODY

PAGE 1 OF 6

Date Rec'd in Lab: 7/13/12

ALPHA Job #: L1212508

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

[ ] These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave WALSH
ALPHA Quote #:

Turn-Around Time

[ ] Standard [X] RUSH (only confirmed if pre-approved!)
Date Due: Time: 24 hr

Report Information - Data Deliverables

[ ] FAX [X] EMAIL
[X] ADEx [ ] Add'l Deliverables

Billing Information

[ ] Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

[ ] Yes [ ] No Are MCP Analytical Methods Required?
[ ] Yes [ ] No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
[ ] Yes [ ] No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
Note: *CAM* methods for inorganic analyses require MS every 20 soil samples)
Aroclors and High VOC have 24 hr TAT, everything else is 15 business days. Project-specific EDD. Homogenize before analysis

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC (6260 c)	Low VOC (8260 c)	SVOC (8270 c)	Total Solids	PCB Aroclors (8082)	PCB Congeners (Archive)	SAMPLE HANDLING: Filtration (Done / Not needed / Lab to do)	Preservation (Lab to do)	Sample Specific Comments	TOTAL # BOTTLES
12508-01	S-12L-B001-1.0-1.5	7/12/12	1245	SE	DGS	X								ASB-1 = B001	2
-01	S-12L-B001-1.0-1.5	"	"	"	"		X								2
-01	S-12L-B001-1.0-1.5	"	"	"	"			X	X	X				All 3 analyses	1
-01	S-12L-B001-1.0-1.5	"	"	"	"						X			Archive	1
	TB-071212-02	7/6/12	1806		"		X							Trip Blank #2	2
	TB-071212-03	7/6/12	1805		"	X								Trip Blank #3	2
-02	EB-071212-01	7/12/12	1200	SW	DRW	X								Equip. Blank	2
-02	EB-071212-01	"	1200	SW	DRW			X						Equip Blank	1
-03	S-12L-B001-4.0-4.5	"	1245	SE	EGH	X									2
-03	S-12L-B001-4.0-4.5	"	1245	SE	EGH		X								2
					Container Type	V	V	A	A	A	A				
					Preservative	F	O	A	A	A	A				

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Dave Walsh	7/13/12 1515	T. Hendrickson	7/13/12 1532
T. Hendrickson	7/13/12		

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

CHAIN OF CUSTODY

PAGE 2 OF 6

Date Rec'd in Lab: 7/13/12

ALPHA Job #: L1212508

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)

Date Due: Time: 24 hr

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State / Fed Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
Aroclors and High VOCs have 24 hr TAT, everything else is 15 business days, Project specific EDD, Homogenize before analysis

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC (8260c)	Low VOC (8260c)	SVOC (8270c)	Total Solids	PCB Aroclors (8082)	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
12505-03	S-12L-B001-4.0-4.5	7/12/12	1245	SE	EGH			X	X	X		All 3 analyses	1
-03	S-12L-B001-4.0-4.5		1245		DGS						X	Archive	1
-04	S-12L-B001-6.0-6.5		1315		DGS	X							1
-04	S-12L-B001-6.0-6.5		1315		DGS		X						2
-04	S-12L-B001-6.0-6.5		1315		DGS			X	X	X		All 3 analyses	1
-04	S-12L-B001-6.0-6.5		1315		DGS						X	Archive	1
-05	S-12L-B001-~~X~~ DGS 21.5-22.0		1500			X							1
-05	S-12L-B001-21.5-22.0						X						2
-05	S-12L-B001-21.5-22.0							X	X	X		All 3 analyses	1
-05	S-12L-B001-21.5-22.0										X	Archive	1
					Container Type	V	V	A	A	A	A		
					Preservative	F	O	A	A	A	A		

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	7/13/13 1515	T. [signature]	7/13/12 1530
T. [signature]	7/13/12	[signature]	7/13/12 1730

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Page 123 of 127 Off the Former Aerovox Site Property Shoreline W912WJ-09-D-0001 Sediment Boring Collection and Analysis D-213 Deliverable Order 00 April 2013

CHAIN OF CUSTODY

PAGE 3 OF 6

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 7/12/12

ALPHA Job #: L1212508

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr. East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

[ ] These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

[ ] Standard [X] RUSH (only confirmed if pre-approved!)
Date Due: Time: 24 hrs

Report Information - Data Deliverables

[ ] FAX [X] EMAIL
[X] ADEx [ ] Add'l Deliverables

Billing Information

[ ] Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

[ ] Yes [ ] No Are MCP Analytical Methods Required?
[ ] Yes [ ] No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
[ ] Yes [ ] No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

Aroclors and High VOCs have 24 hr TAT, everything else is 15 business days. Project specific EDD. Homogenize before analysis

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC (8260C)	Low VOC (8260C)	SVOC (8270C)	Total solids	PCB Aroclors (8082)	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
12508-04	S-12L-B001-16.7-17.2	7/12/12	1425	SE	DGS	X							2
-05	S-12L-B001-16.7-17.2						X						2
-06	S-12L-B001-16.7-17.2							X	X	X		All 3 analyses	1
-06	S-12L-B001-16.7-17.2									X		Archive	1
-07	S-12L-B001-18.6-19.1		1425			X							1
-07	S-12L-B001-18.6-19.1						X						1
-07	S-12L-B001-18.6-19.1							X	X	X		All 3 analyses	1
-07	S-12L-B001-18.6-19.1									X		Archive	1
-08	S-12L-B001-18.6-19.1 REP					X						REP	1
-08	S-12L-B001-18.6-19.1 REP						X					REP	1
	Container Type					V	V	A	A	A	A		
	Preservative					E	O	A	A	A	A		

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Dave Walsh	7/13/12 1515	T. Mundell	7/13/12 1530
T. Mundell	7/13/12		7/13/12

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Deliverables: EQuIS (1-4 File) Sediment Boring Collection and Analysis

Off the Former Aerovox Site Property Shoreline W912WJ-09-D-0001

CHAIN OF CUSTODY

PAGE 4 OF 6

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 7/13/12

ALPHA Job #: L1212508

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536 ~~02540~~
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford - Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)
Date Due: Time: 24 hrs

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

TS, Aroclors and High VOCs are 24-hr turnaround time, everything else is 15 business days. Project specific EDD. Homogenize samples

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC (8260C)	Low VOC (8260C)	SVOC (8270C)	Total Solids	PCB Aroclors (8082)	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
1212508-08	S-12L-B001-18.6-19.1 REP	7/12/12	1425	SB	DGS			X	X	X		All 3 analyses REP	1
-08	S-12L-B001-18.6-19.1 REP		1425								X	Archive REP	1
-09	S-12L-B001-23.5-24.0		1500			X							1
-09	S-12L-B001-23.5-24.0						X						2
-09	S-12L-B001-23.5-24.0							X	X	X		All 3 analyses	1
-09	S-12L-B001-23.5-24.0										X	Archive	1
-10	S-12L-B001-25.3-25.8		1525			X							1
-10	S-12L-B001-25.3-25.8						X						2
-10	S-12L-B001-25.3-25.8							X	X	X		All 3 Analyses	1
-10	S-12L-B001-25.3-25.8										X	Archive	1

CHAIN OF CUSTODY

PAGE 5 OF 6

ALPHA Job #: L1212508

Date Rec'd in Lab: 7/13/12

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedfed, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)
Date Due: Time: 24 hr

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State / Fed Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
Total Solids, Aroclors, and High VOCs have 24 hr TAT, all else is 15 business days. Project specific EDD. Homogenize

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC (8260 c)	Low VOC (8260 c)	SVOC (8270 c)	Total Solids	PCB Aroclor (8082)	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
12508-11	S-12L-B001-27.2-27.7	7/12/12	1525	SE	DGS	X							2
-11	S-12L-B001-27.2-27.7	"	"	"	"		X						2
-11	S-12L-B001-27.2-27.7	"	"	"	"			X	X	X		All 3 analyses	1
-11	S-12L-B001-27.2-27.7	"	"	"	"					X		Archive	1
-12	EB-071312-01	7/13/12	0900	SW	DRW	X						Equipment Blank	2
-12	EB-071312-01	7/13/12	0900	SW	DRW			X				Equipment Blank	4
-13	S-12L-B002-1.0-1.5	7/13/12	0755	SE	DGS	X						ASB-2	2
-13	S-12L-B002-1.0-1.5	"	"	"	"		X						2
-13	S-12L-B002-1.0-1.5	"	"	"	"			X	X	X		All 3 analyses	1
-13	S-12L-B002-1.0-1.5	"	"	"	"					X		Archive	1
	Container Type					V	V	A	A	A	A		
	Preservative					E	O	A	A	A	A		

SAMPLE HANDLING

Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
	7/13/12 1515		7/13/12 1530
	7/13/12		7/13/12

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

CHAIN OF CUSTODY

PAGE 6 OF 6

Date Rec'd in Lab: 7/13/12

ALPHA Job #: L1212508

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Woods Hole Group
Address: 81 Technology Park
East Falmouth, MA ~~02546~~ 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)

Date Due: Time: 24 hr

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

TS, Aroclors and High VOC are 24 TAT, everything else is 15 business days. Project specific EDD. Homogenize before analysis

SAMPLE HANDLING

Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC (8260c)	Low VOC (8260c)	SVOC (8270c)	Total solids	PCB Aroclors (8082)	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
12508-14	S-12L-B002-3.0-3.5	7/13/13	0755	SE	DGS	X						ASB-2	~~2~~ 1
-14	S-12L-B002-3.0-3.5						X						2
-14	S-12L-B002-3.0-3.5							X	X	X		All 3 analyses	1
-14	S-12L-B002-3.0-3.5										X	Archive	1

Container Type	V	V	A	A	A	A							
Preservative	F	O	A	A	A	A							

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Dave Walsh	7/13/12 1515	T. Hoddle	7/13/12 1530
T. Hoddle	7/13/12	E. [illegible]	7/13/12 1730

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

ANALYTICAL REPORT

Lab Number:	L1212524
Client:	Woods Hole Group 81 Technology Park Drive East Falmouth, MA 02536
ATTN:	Dave Walsh
Phone:	(508) 540-8080
Project Name:	NEW BEDFORD AEROVOX
Project Number:	TO-0010-05
Report Date:	08/15/12

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212524
Report Date: 08/15/12

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1212524-01	S-12L-B002-5.5-6.0	NEW BEDFORD, MA	07/13/12 08:25
L1212524-02	S-12L-B002-5.5-6.0 REP	NEW BEDFORD, MA	07/13/12 08:25
L1212524-03	TB-071312-01	NEW BEDFORD, MA	07/13/12 00:00
L1212524-04	TB-071312-03	NEW BEDFORD, MA	07/13/12 00:00
L1212524-05	EB-071312-02	NEW BEDFORD, MA	07/13/12 13:50
L1212524-06	S-12L-B002-8.0-8.5	NEW BEDFORD, MA	07/13/12 08:45
L1212524-07	S-12L-B002-12-12.5	NEW BEDFORD, MA	07/13/12 09:30
L1212524-08	S-12L-B002-14-14.5	NEW BEDFORD, MA	07/13/12 09:30
L1212524-09	S-12L-B002-17.5-18	NEW BEDFORD, MA	07/13/12 10:00
L1212524-10	S-12L-B002-19.5-20	NEW BEDFORD, MA	07/13/12 10:00
L1212524-11	S-12L-B002-24-24.5	NEW BEDFORD, MA	07/13/12 10:50
L1212524-12	S-12L-B002-24.5-25	NEW BEDFORD, MA	07/13/12 10:50

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212524
Project Number: TO-0010-05 **Report Date:** 08/15/12

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples free of charge for 30 days from the date the project is completed. After 30 days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples.

Please contact Client Services at 800-624-9220 with any questions.

Project Name:	NEW BEDFORD AEROVOX	**Lab Number:**	L1212524
Project Number:	TO-0010-05	**Report Date:**	08/15/12

Case Narrative (continued)

Report Submission

The results of the Semivolatile Organics will be issued under separate cover.

This report replaces the report issued on August 14, 2012.

-- The sample matrix has been changed from Soil to Sediment.

-- PCB samples are now reported with surrogate recoveries from one column.

-- QC analyte lists match the sample analyte lists for Volatile Organics.

Volatile Organics

The WG548573-4/-5 MS/MSD recoveries, performed on L1212524-09, are below the acceptance criteria for Methyl Acetate, Cyclohexane, Freon-113, Trichlorofluoromethane, and Acetone (Al at 0%) due to the concentration of these compounds falling below the reported detection limits.

The WG548573-4/-5 MS/MSD recoveries, performed on L1212524-09, were below the acceptance criteria for Chloroethane (29%/31%); however, the associated LCS/LCSD recoveries were within criteria. The results of the sample utilized for the MS/MSD are considered to have a potentially low bias for this compound.

PCBs

The surrogate recoveries for L1212524-02 are below the acceptance criteria for 2,4,5,6-Tetrachloro-m-xylene and Decachlorobiphenyl (All at 0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

The dual column RPD for L1212524-06 is above the acceptance criteria for Aroclor 1260; however, obvious column interferences are present. Due to these interferences, the lower of the two results is reported and qualified with a "P".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Cynthia McQueen

Title: Technical Director/Representative Date: 08/15/12

ORGANICS

VOLATILES

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212524

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212524-01 D	Date Collected:	07/13/12 08:25
Client ID:	S-12L-B002-5.5-6.0	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/15/12 10:29		
Analyst:	BN		
Percent Solids:	65%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	18000	--	10
1,1-Dichloroethane	ND		ug/kg	3600	--	10
Chloroform	ND		ug/kg	3600	--	10
Carbon tetrachloride	ND		ug/kg	3600	--	10
1,2-Dichloropropane	ND		ug/kg	7100	--	10
Dibromochloromethane	ND		ug/kg	3600	--	10
1,1,2-Trichloroethane	ND		ug/kg	3600	--	10
Tetrachloroethene	ND		ug/kg	3600	--	10
Chlorobenzene	ND		ug/kg	3600	--	10
Trichlorofluoromethane	ND		ug/kg	8900	--	10
1,2-Dichloroethane	ND		ug/kg	3600	--	10
1,1,1-Trichloroethane	ND		ug/kg	3600	--	10
Bromodichloromethane	ND		ug/kg	3600	--	10
trans-1,3-Dichloropropene	ND		ug/kg	3600	--	10
cis-1,3-Dichloropropene	ND		ug/kg	3600	--	10
Bromoform	ND		ug/kg	7100	--	10
1,1,2,2-Tetrachloroethane	ND		ug/kg	3600	--	10
Benzene	ND		ug/kg	3600	--	10
Toluene	ND		ug/kg	3600	--	10
Ethylbenzene	ND		ug/kg	3600	--	10
Chloromethane	ND		ug/kg	8900	--	10
Bromomethane	ND		ug/kg	3600	--	10
Vinyl chloride	ND		ug/kg	3600	--	10
Chloroethane	ND		ug/kg	3600	--	10
1,1-Dichloroethene	ND		ug/kg	3600	--	10
trans-1,2-Dichloroethene	ND		ug/kg	3600	--	10
Trichloroethene	280000		ug/kg	3600	--	10
1,2-Dichlorobenzene	ND		ug/kg	8900	--	10
1,3-Dichlorobenzene	ND		ug/kg	8900	--	10
1,4-Dichlorobenzene	ND		ug/kg	8900	--	10
Methyl tert butyl ether	ND		ug/kg	3600	--	10

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212524

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212524-01 D Date Collected: 07/13/12 08:25

Client ID: S-12L-B002-5.5-6.0 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	7100	--	10
o-Xylene	ND		ug/kg	7100	--	10
Xylenes, Total	ND		ug/kg	7100	--	10
cis-1,2-Dichloroethene	160000		ug/kg	3600	--	10
Styrene	ND		ug/kg	7100	--	10
Dichlorodifluoromethane	ND		ug/kg	18000	--	10
Acetone	ND		ug/kg	64000	--	10
Carbon disulfide	ND		ug/kg	18000	--	10
2-Butanone	ND		ug/kg	18000	--	10
4-Methyl-2-pentanone	ND		ug/kg	18000	--	10
2-Hexanone	ND		ug/kg	18000	--	10
Bromochloromethane	ND		ug/kg	8900	--	10
1,2-Dibromoethane	ND		ug/kg	7100	--	10
1,2-Dibromo-3-chloropropane	ND		ug/kg	8900	--	10
Isopropylbenzene	ND		ug/kg	3600	--	10
1,2,3-Trichlorobenzene	ND		ug/kg	8900	--	10
1,2,4-Trichlorobenzene	ND		ug/kg	8900	--	10
Methyl Acetate	ND		ug/kg	36000	--	10
Cyclohexane	ND		ug/kg	36000	--	10
1,4-Dioxane	ND		ug/kg	180000	--	10
Methyl cyclohexane	ND		ug/kg	7100	--	10
Freon-113	ND		ug/kg	36000	--	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	98		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212524

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212524-02 D	Date Collected:	07/13/12 08:25
Client ID:	S-12L-B002-5.5-6.0 REP	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/15/12 10:56		
Analyst:	BN		
Percent Solids:	69%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	30000	--	20
1,1-Dichloroethane	ND		ug/kg	6000	--	20
Chloroform	ND		ug/kg	6000	--	20
Carbon tetrachloride	ND		ug/kg	6000	--	20
1,2-Dichloropropane	ND		ug/kg	12000	--	20
Dibromochloromethane	ND		ug/kg	6000	--	20
1,1,2-Trichloroethane	ND		ug/kg	6000	--	20
Tetrachloroethene	ND		ug/kg	6000	--	20
Chlorobenzene	ND		ug/kg	6000	--	20
Trichlorofluoromethane	ND		ug/kg	15000	--	20
1,2-Dichloroethane	ND		ug/kg	6000	--	20
1,1,1-Trichloroethane	ND		ug/kg	6000	--	20
Bromodichloromethane	ND		ug/kg	6000	--	20
trans-1,3-Dichloropropene	ND		ug/kg	6000	--	20
cis-1,3-Dichloropropene	ND		ug/kg	6000	--	20
Bromoform	ND		ug/kg	12000	--	20
1,1,2,2-Tetrachloroethane	ND		ug/kg	6000	--	20
Benzene	ND		ug/kg	6000	--	20
Toluene	ND		ug/kg	6000	--	20
Ethylbenzene	ND		ug/kg	6000	--	20
Chloromethane	ND		ug/kg	15000	--	20
Bromomethane	ND		ug/kg	6000	--	20
Vinyl chloride	ND		ug/kg	6000	--	20
Chloroethane	ND		ug/kg	6000	--	20
1,1-Dichloroethene	ND		ug/kg	6000	--	20
trans-1,2-Dichloroethene	ND		ug/kg	6000	--	20
Trichloroethene	300000		ug/kg	6000	--	20
1,2-Dichlorobenzene	ND		ug/kg	15000	--	20
1,3-Dichlorobenzene	ND		ug/kg	15000	--	20
1,4-Dichlorobenzene	ND		ug/kg	15000	--	20
Methyl tert butyl ether	ND		ug/kg	6000	--	20

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212524

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212524-02 D Date Collected: 07/13/12 08:25

Client ID: S-12L-B002-5.5-6.0 REP Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	12000	--	20
o-Xylene	ND		ug/kg	12000	--	20
Xylenes, Total	ND		ug/kg	12000	--	20
cis-1,2-Dichloroethene	160000		ug/kg	6000	--	20
Styrene	ND		ug/kg	12000	--	20
Dichlorodifluoromethane	ND		ug/kg	30000	--	20
Acetone	ND		ug/kg	110000	--	20
Carbon disulfide	ND		ug/kg	30000	--	20
2-Butanone	ND		ug/kg	30000	--	20
4-Methyl-2-pentanone	ND		ug/kg	30000	--	20
2-Hexanone	ND		ug/kg	30000	--	20
Bromochloromethane	ND		ug/kg	15000	--	20
1,2-Dibromoethane	ND		ug/kg	12000	--	20
1,2-Dibromo-3-chloropropane	ND		ug/kg	15000	--	20
Isopropylbenzene	ND		ug/kg	6000	--	20
1,2,3-Trichlorobenzene	ND		ug/kg	15000	--	20
1,2,4-Trichlorobenzene	ND		ug/kg	15000	--	20
Methyl Acetate	ND		ug/kg	60000	--	20
Cyclohexane	ND		ug/kg	60000	--	20
1,4-Dioxane	ND		ug/kg	300000	--	20
Methyl cyclohexane	ND		ug/kg	12000	--	20
Freon-113	ND		ug/kg	60000	--	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	97		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212524

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212524-03	Date Collected:	07/13/12 00:00
Client ID:	TB-071312-01	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/15/12 11:24		
Analyst:	BN		
Percent Solids:	Results reported on an 'AS RECEIVED' basis.		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	500	--	1
1,1-Dichloroethane	ND		ug/kg	100	--	1
Chloroform	ND		ug/kg	100	--	1
Carbon tetrachloride	ND		ug/kg	100	--	1
1,2-Dichloropropane	ND		ug/kg	200	--	1
Dibromochloromethane	ND		ug/kg	100	--	1
1,1,2-Trichloroethane	ND		ug/kg	100	--	1
Tetrachloroethene	ND		ug/kg	100	--	1
Chlorobenzene	ND		ug/kg	100	--	1
Trichlorofluoromethane	ND		ug/kg	250	--	1
1,2-Dichloroethane	ND		ug/kg	100	--	1
1,1,1-Trichloroethane	ND		ug/kg	100	--	1
Bromodichloromethane	ND		ug/kg	100	--	1
trans-1,3-Dichloropropene	ND		ug/kg	100	--	1
cis-1,3-Dichloropropene	ND		ug/kg	100	--	1
Bromoform	ND		ug/kg	200	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	100	--	1
Benzene	ND		ug/kg	100	--	1
Toluene	ND		ug/kg	100	--	1
Ethylbenzene	ND		ug/kg	100	--	1
Chloromethane	ND		ug/kg	250	--	1
Bromomethane	ND		ug/kg	100	--	1
Vinyl chloride	ND		ug/kg	100	--	1
Chloroethane	ND		ug/kg	100	--	1
1,1-Dichloroethene	ND		ug/kg	100	--	1
trans-1,2-Dichloroethene	ND		ug/kg	100	--	1
Trichloroethene	ND		ug/kg	100	--	1
1,2-Dichlorobenzene	ND		ug/kg	250	--	1
1,3-Dichlorobenzene	ND		ug/kg	250	--	1
1,4-Dichlorobenzene	ND		ug/kg	250	--	1
Methyl tert butyl ether	ND		ug/kg	100	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212524

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212524-03 Date Collected: 07/13/12 00:00

Client ID: TB-071312-01 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	200	--	1
o-Xylene	ND		ug/kg	200	--	1
Xylenes, Total	ND		ug/kg	200	--	1
cis-1,2-Dichloroethene	ND		ug/kg	100	--	1
Styrene	ND		ug/kg	200	--	1
Dichlorodifluoromethane	ND		ug/kg	500	--	1
Acetone	ND		ug/kg	1800	--	1
Carbon disulfide	ND		ug/kg	500	--	1
2-Butanone	ND		ug/kg	500	--	1
4-Methyl-2-pentanone	ND		ug/kg	500	--	1
2-Hexanone	ND		ug/kg	500	--	1
Bromochloromethane	ND		ug/kg	250	--	1
1,2-Dibromoethane	ND		ug/kg	200	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	--	1
Isopropylbenzene	ND		ug/kg	100	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	250	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	250	--	1
Methyl Acetate	ND		ug/kg	1000	--	1
Cyclohexane	ND		ug/kg	1000	--	1
1,4-Dioxane	ND		ug/kg	5000	--	1
Methyl cyclohexane	ND		ug/kg	200	--	1
Freon-113	ND		ug/kg	1000	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	98		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212524

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212524-04	Date Collected:	07/13/12 00:00
Client ID:	TB-071312-03	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	1,8260B		
Analytical Date:	07/16/12 10:28		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	1
1,1-Dichloroethane	ND		ug/l	0.75	--	1
Chloroform	ND		ug/l	0.75	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	1.8	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.75	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
Trichlorofluoromethane	ND		ug/l	2.5	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.75	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	1.0	--	1
Vinyl chloride	ND		ug/l	1.0	--	1
Chloroethane	ND		ug/l	1.0	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	2.5	--	1
1,3-Dichlorobenzene	ND		ug/l	2.5	--	1
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
Methyl tert butyl ether	ND		ug/l	1.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212524

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212524-04 Date Collected: 07/13/12 00:00

Client ID: TB-071312-03 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/l	1.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
Xylenes, Total	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1
1,2-Dibromoethane	ND		ug/l	2.0	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1
Methyl Acetate	ND		ug/l	10	--	1
Cyclohexane	ND		ug/l	10	--	1
1,4-Dioxane	ND		ug/l	250	--	1
Freon-113	ND		ug/l	10	--	1
Methyl cyclohexane	ND		ug/l	10	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	103		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212524

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212524-05	Date Collected:	07/13/12 13:50
Client ID:	EB-071312-02	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	1,8260B		
Analytical Date:	07/16/12 11:02		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	1
1,1-Dichloroethane	ND		ug/l	0.75	--	1
Chloroform	ND		ug/l	0.75	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	1.8	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.75	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
Trichlorofluoromethane	ND		ug/l	2.5	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.75	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	1.0	--	1
Vinyl chloride	ND		ug/l	1.0	--	1
Chloroethane	ND		ug/l	1.0	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	2.5	--	1
1,3-Dichlorobenzene	ND		ug/l	2.5	--	1
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
Methyl tert butyl ether	ND		ug/l	1.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212524

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212524-05 Date Collected: 07/13/12 13:50

Client ID: EB-071312-02 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/l	1.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
Xylenes, Total	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1
1,2-Dibromoethane	ND		ug/l	2.0	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1
Methyl Acetate	ND		ug/l	10	--	1
Cyclohexane	ND		ug/l	10	--	1
1,4-Dioxane	ND		ug/l	250	--	1
Freon-113	ND		ug/l	10	--	1
Methyl cyclohexane	ND		ug/l	10	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	103		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212524

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212524-06	Date Collected:	07/13/12 08:45
Client ID:	S-12L-B002-8.0-8.5	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/15/12 11:51		
Analyst:	BN		
Percent Solids:	88%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	730	--	1
1,1-Dichloroethane	ND		ug/kg	140	--	1
Chloroform	ND		ug/kg	140	--	1
Carbon tetrachloride	ND		ug/kg	140	--	1
1,2-Dichloropropane	ND		ug/kg	290	--	1
Dibromochloromethane	ND		ug/kg	140	--	1
1,1,2-Trichloroethane	ND		ug/kg	140	--	1
Tetrachloroethene	ND		ug/kg	140	--	1
Chlorobenzene	ND		ug/kg	140	--	1
Trichlorofluoromethane	ND		ug/kg	360	--	1
1,2-Dichloroethane	ND		ug/kg	140	--	1
1,1,1-Trichloroethane	ND		ug/kg	140	--	1
Bromodichloromethane	ND		ug/kg	140	--	1
trans-1,3-Dichloropropene	ND		ug/kg	140	--	1
cis-1,3-Dichloropropene	ND		ug/kg	140	--	1
Bromoform	ND		ug/kg	290	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	140	--	1
Benzene	ND		ug/kg	140	--	1
Toluene	ND		ug/kg	140	--	1
Ethylbenzene	ND		ug/kg	140	--	1
Chloromethane	ND		ug/kg	360	--	1
Bromomethane	ND		ug/kg	140	--	1
Vinyl chloride	ND		ug/kg	140	--	1
Chloroethane	ND		ug/kg	140	--	1
1,1-Dichloroethene	ND		ug/kg	140	--	1
trans-1,2-Dichloroethene	ND		ug/kg	140	--	1
Trichloroethene	340		ug/kg	140	--	1
1,2-Dichlorobenzene	ND		ug/kg	360	--	1
1,3-Dichlorobenzene	ND		ug/kg	360	--	1
1,4-Dichlorobenzene	ND		ug/kg	360	--	1
Methyl tert butyl ether	ND		ug/kg	140	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212524

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212524-06 Date Collected: 07/13/12 08:45

Client ID: S-12L-B002-8.0-8.5 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	290	--	1
o-Xylene	ND		ug/kg	290	--	1
Xylenes, Total	ND		ug/kg	290	--	1
cis-1,2-Dichloroethene	220		ug/kg	140	--	1
Styrene	ND		ug/kg	290	--	1
Dichlorodifluoromethane	ND		ug/kg	730	--	1
Acetone	ND		ug/kg	2600	--	1
Carbon disulfide	ND		ug/kg	730	--	1
2-Butanone	ND		ug/kg	730	--	1
4-Methyl-2-pentanone	ND		ug/kg	730	--	1
2-Hexanone	ND		ug/kg	730	--	1
Bromochloromethane	ND		ug/kg	360	--	1
1,2-Dibromoethane	ND		ug/kg	290	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	360	--	1
Isopropylbenzene	ND		ug/kg	140	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	360	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	360	--	1
Methyl Acetate	ND		ug/kg	1400	--	1
Cyclohexane	ND		ug/kg	1400	--	1
1,4-Dioxane	ND		ug/kg	7300	--	1
Methyl cyclohexane	ND		ug/kg	290	--	1
Freon-113	ND		ug/kg	1400	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	98		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212524

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212524-07	Date Collected:	07/13/12 09:30
Client ID:	S-12L-B002-12-12.5	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/15/12 12:19		
Analyst:	BN		
Percent Solids:	93%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	670	--	1
1,1-Dichloroethane	ND		ug/kg	130	--	1
Chloroform	ND		ug/kg	130	--	1
Carbon tetrachloride	ND		ug/kg	130	--	1
1,2-Dichloropropane	ND		ug/kg	270	--	1
Dibromochloromethane	ND		ug/kg	130	--	1
1,1,2-Trichloroethane	ND		ug/kg	130	--	1
Tetrachloroethene	ND		ug/kg	130	--	1
Chlorobenzene	ND		ug/kg	130	--	1
Trichlorofluoromethane	ND		ug/kg	340	--	1
1,2-Dichloroethane	ND		ug/kg	130	--	1
1,1,1-Trichloroethane	ND		ug/kg	130	--	1
Bromodichloromethane	ND		ug/kg	130	--	1
trans-1,3-Dichloropropene	ND		ug/kg	130	--	1
cis-1,3-Dichloropropene	ND		ug/kg	130	--	1
Bromoform	ND		ug/kg	270	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	130	--	1
Benzene	ND		ug/kg	130	--	1
Toluene	ND		ug/kg	130	--	1
Ethylbenzene	ND		ug/kg	130	--	1
Chloromethane	ND		ug/kg	340	--	1
Bromomethane	ND		ug/kg	130	--	1
Vinyl chloride	ND		ug/kg	130	--	1
Chloroethane	ND		ug/kg	130	--	1
1,1-Dichloroethene	ND		ug/kg	130	--	1
trans-1,2-Dichloroethene	ND		ug/kg	130	--	1
Trichloroethene	420		ug/kg	130	--	1
1,2-Dichlorobenzene	ND		ug/kg	340	--	1
1,3-Dichlorobenzene	ND		ug/kg	340	--	1
1,4-Dichlorobenzene	ND		ug/kg	340	--	1
Methyl tert butyl ether	ND		ug/kg	130	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212524

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212524-07 Date Collected: 07/13/12 09:30

Client ID: S-12L-B002-12-12.5 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	270	--	1
o-Xylene	ND		ug/kg	270	--	1
Xylenes, Total	ND		ug/kg	270	--	1
cis-1,2-Dichloroethene	ND		ug/kg	130	--	1
Styrene	ND		ug/kg	270	--	1
Dichlorodifluoromethane	ND		ug/kg	670	--	1
Acetone	ND		ug/kg	2400	--	1
Carbon disulfide	ND		ug/kg	670	--	1
2-Butanone	ND		ug/kg	670	--	1
4-Methyl-2-pentanone	ND		ug/kg	670	--	1
2-Hexanone	ND		ug/kg	670	--	1
Bromochloromethane	ND		ug/kg	340	--	1
1,2-Dibromoethane	ND		ug/kg	270	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	340	--	1
Isopropylbenzene	ND		ug/kg	130	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	340	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	340	--	1
Methyl Acetate	ND		ug/kg	1300	--	1
Cyclohexane	ND		ug/kg	1300	--	1
1,4-Dioxane	ND		ug/kg	6700	--	1
Methyl cyclohexane	ND		ug/kg	270	--	1
Freon-113	ND		ug/kg	1300	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	98		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212524

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212524-08	Date Collected:	07/13/12 09:30
Client ID:	S-12L-B002-14-14.5	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/15/12 12:47		
Analyst:	BN		
Percent Solids:	85%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	710	--	1
1,1-Dichloroethane	ND		ug/kg	140	--	1
Chloroform	ND		ug/kg	140	--	1
Carbon tetrachloride	ND		ug/kg	140	--	1
1,2-Dichloropropane	ND		ug/kg	280	--	1
Dibromochloromethane	ND		ug/kg	140	--	1
1,1,2-Trichloroethane	ND		ug/kg	140	--	1
Tetrachloroethene	ND		ug/kg	140	--	1
Chlorobenzene	ND		ug/kg	140	--	1
Trichlorofluoromethane	ND		ug/kg	350	--	1
1,2-Dichloroethane	ND		ug/kg	140	--	1
1,1,1-Trichloroethane	ND		ug/kg	140	--	1
Bromodichloromethane	ND		ug/kg	140	--	1
trans-1,3-Dichloropropene	ND		ug/kg	140	--	1
cis-1,3-Dichloropropene	ND		ug/kg	140	--	1
Bromoform	ND		ug/kg	280	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	140	--	1
Benzene	ND		ug/kg	140	--	1
Toluene	ND		ug/kg	140	--	1
Ethylbenzene	ND		ug/kg	140	--	1
Chloromethane	ND		ug/kg	350	--	1
Bromomethane	ND		ug/kg	140	--	1
Vinyl chloride	ND		ug/kg	140	--	1
Chloroethane	ND		ug/kg	140	--	1
1,1-Dichloroethene	ND		ug/kg	140	--	1
trans-1,2-Dichloroethene	ND		ug/kg	140	--	1
Trichloroethene	1100		ug/kg	140	--	1
1,2-Dichlorobenzene	ND		ug/kg	350	--	1
1,3-Dichlorobenzene	ND		ug/kg	350	--	1
1,4-Dichlorobenzene	ND		ug/kg	350	--	1
Methyl tert butyl ether	ND		ug/kg	140	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212524

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212524-08 Date Collected: 07/13/12 09:30

Client ID: S-12L-B002-14-14.5 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	280	--	1
o-Xylene	ND		ug/kg	280	--	1
Xylenes, Total	ND		ug/kg	280	--	1
cis-1,2-Dichloroethene	ND		ug/kg	140	--	1
Styrene	ND		ug/kg	280	--	1
Dichlorodifluoromethane	ND		ug/kg	710	--	1
Acetone	ND		ug/kg	2600	--	1
Carbon disulfide	ND		ug/kg	710	--	1
2-Butanone	ND		ug/kg	710	--	1
4-Methyl-2-pentanone	ND		ug/kg	710	--	1
2-Hexanone	ND		ug/kg	710	--	1
Bromochloromethane	ND		ug/kg	350	--	1
1,2-Dibromoethane	ND		ug/kg	280	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	350	--	1
Isopropylbenzene	ND		ug/kg	140	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	350	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	350	--	1
Methyl Acetate	ND		ug/kg	1400	--	1
Cyclohexane	ND		ug/kg	1400	--	1
1,4-Dioxane	ND		ug/kg	7100	--	1
Methyl cyclohexane	ND		ug/kg	280	--	1
Freon-113	ND		ug/kg	1400	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	97		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212524

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212524-09	Date Collected:	07/13/12 10:00
Client ID:	S-12L-B002-17.5-18	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/15/12 13:14		
Analyst:	BN		
Percent Solids:	92%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	880	--	1
1,1-Dichloroethane	ND		ug/kg	180	--	1
Chloroform	ND		ug/kg	180	--	1
Carbon tetrachloride	ND		ug/kg	180	--	1
1,2-Dichloropropane	ND		ug/kg	350	--	1
Dibromochloromethane	ND		ug/kg	180	--	1
1,1,2-Trichloroethane	ND		ug/kg	180	--	1
Tetrachloroethene	ND		ug/kg	180	--	1
Chlorobenzene	ND		ug/kg	180	--	1
Trichlorofluoromethane	ND		ug/kg	440	--	1
1,2-Dichloroethane	ND		ug/kg	180	--	1
1,1,1-Trichloroethane	ND		ug/kg	180	--	1
Bromodichloromethane	ND		ug/kg	180	--	1
trans-1,3-Dichloropropene	ND		ug/kg	180	--	1
cis-1,3-Dichloropropene	ND		ug/kg	180	--	1
Bromoform	ND		ug/kg	350	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	180	--	1
Benzene	ND		ug/kg	180	--	1
Toluene	ND		ug/kg	180	--	1
Ethylbenzene	ND		ug/kg	180	--	1
Chloromethane	ND		ug/kg	440	--	1
Bromomethane	ND		ug/kg	180	--	1
Vinyl chloride	ND		ug/kg	180	--	1
Chloroethane	ND		ug/kg	180	--	1
1,1-Dichloroethene	ND		ug/kg	180	--	1
trans-1,2-Dichloroethene	ND		ug/kg	180	--	1
Trichloroethene	ND		ug/kg	180	--	1
1,2-Dichlorobenzene	ND		ug/kg	440	--	1
1,3-Dichlorobenzene	ND		ug/kg	440	--	1
1,4-Dichlorobenzene	ND		ug/kg	440	--	1
Methyl tert butyl ether	ND		ug/kg	180	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212524

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212524-09 Date Collected: 07/13/12 10:00

Client ID: S-12L-B002-17.5-18 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	350	--	1
o-Xylene	ND		ug/kg	350	--	1
Xylenes, Total	ND		ug/kg	350	--	1
cis-1,2-Dichloroethene	ND		ug/kg	180	--	1
Styrene	ND		ug/kg	350	--	1
Dichlorodifluoromethane	ND		ug/kg	880	--	1
Acetone	ND		ug/kg	3200	--	1
Carbon disulfide	ND		ug/kg	880	--	1
2-Butanone	ND		ug/kg	880	--	1
4-Methyl-2-pentanone	ND		ug/kg	880	--	1
2-Hexanone	ND		ug/kg	880	--	1
Bromochloromethane	ND		ug/kg	440	--	1
1,2-Dibromoethane	ND		ug/kg	350	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	440	--	1
Isopropylbenzene	ND		ug/kg	180	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	440	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	440	--	1
Methyl Acetate	ND		ug/kg	1800	--	1
Cyclohexane	ND		ug/kg	1800	--	1
1,4-Dioxane	ND		ug/kg	8800	--	1
Methyl cyclohexane	ND		ug/kg	350	--	1
Freon-113	ND		ug/kg	1800	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	96		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212524

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212524-10	Date Collected:	07/13/12 10:00
Client ID:	S-12L-B002-19.5-20	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/15/12 14:37		
Analyst:	BN		
Percent Solids:	87%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	1000	--	1
1,1-Dichloroethane	ND		ug/kg	210	--	1
Chloroform	ND		ug/kg	210	--	1
Carbon tetrachloride	ND		ug/kg	210	--	1
1,2-Dichloropropane	ND		ug/kg	420	--	1
Dibromochloromethane	ND		ug/kg	210	--	1
1,1,2-Trichloroethane	ND		ug/kg	210	--	1
Tetrachloroethene	ND		ug/kg	210	--	1
Chlorobenzene	ND		ug/kg	210	--	1
Trichlorofluoromethane	ND		ug/kg	530	--	1
1,2-Dichloroethane	ND		ug/kg	210	--	1
1,1,1-Trichloroethane	ND		ug/kg	210	--	1
Bromodichloromethane	ND		ug/kg	210	--	1
trans-1,3-Dichloropropene	ND		ug/kg	210	--	1
cis-1,3-Dichloropropene	ND		ug/kg	210	--	1
Bromoform	ND		ug/kg	420	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	210	--	1
Benzene	ND		ug/kg	210	--	1
Toluene	ND		ug/kg	210	--	1
Ethylbenzene	ND		ug/kg	210	--	1
Chloromethane	ND		ug/kg	530	--	1
Bromomethane	ND		ug/kg	210	--	1
Vinyl chloride	ND		ug/kg	210	--	1
Chloroethane	ND		ug/kg	210	--	1
1,1-Dichloroethene	ND		ug/kg	210	--	1
trans-1,2-Dichloroethene	ND		ug/kg	210	--	1
Trichloroethene	ND		ug/kg	210	--	1
1,2-Dichlorobenzene	ND		ug/kg	530	--	1
1,3-Dichlorobenzene	ND		ug/kg	530	--	1
1,4-Dichlorobenzene	ND		ug/kg	530	--	1
Methyl tert butyl ether	ND		ug/kg	210	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212524

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212524-10 Date Collected: 07/13/12 10:00

Client ID: S-12L-B002-19.5-20 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	420	--	1
o-Xylene	ND		ug/kg	420	--	1
Xylenes, Total	ND		ug/kg	420	--	1
cis-1,2-Dichloroethene	ND		ug/kg	210	--	1
Styrene	ND		ug/kg	420	--	1
Dichlorodifluoromethane	ND		ug/kg	1000	--	1
Acetone	ND		ug/kg	3800	--	1
Carbon disulfide	ND		ug/kg	1000	--	1
2-Butanone	ND		ug/kg	1000	--	1
4-Methyl-2-pentanone	ND		ug/kg	1000	--	1
2-Hexanone	ND		ug/kg	1000	--	1
Bromochloromethane	ND		ug/kg	530	--	1
1,2-Dibromoethane	ND		ug/kg	420	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	530	--	1
Isopropylbenzene	ND		ug/kg	210	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	530	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	530	--	1
Methyl Acetate	ND		ug/kg	2100	--	1
Cyclohexane	ND		ug/kg	2100	--	1
1,4-Dioxane	ND		ug/kg	10000	--	1
Methyl cyclohexane	ND		ug/kg	420	--	1
Freon-113	ND		ug/kg	2100	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	95		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212524

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212524-11	Date Collected:	07/13/12 10:50
Client ID:	S-12L-B002-24-24.5	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/15/12 15:04		
Analyst:	BN		
Percent Solids:	89%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	1100	--	1
1,1-Dichloroethane	ND		ug/kg	220	--	1
Chloroform	ND		ug/kg	220	--	1
Carbon tetrachloride	ND		ug/kg	220	--	1
1,2-Dichloropropane	ND		ug/kg	440	--	1
Dibromochloromethane	ND		ug/kg	220	--	1
1,1,2-Trichloroethane	ND		ug/kg	220	--	1
Tetrachloroethene	ND		ug/kg	220	--	1
Chlorobenzene	ND		ug/kg	220	--	1
Trichlorofluoromethane	ND		ug/kg	550	--	1
1,2-Dichloroethane	ND		ug/kg	220	--	1
1,1,1-Trichloroethane	ND		ug/kg	220	--	1
Bromodichloromethane	ND		ug/kg	220	--	1
trans-1,3-Dichloropropene	ND		ug/kg	220	--	1
cis-1,3-Dichloropropene	ND		ug/kg	220	--	1
Bromoform	ND		ug/kg	440	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	220	--	1
Benzene	ND		ug/kg	220	--	1
Toluene	ND		ug/kg	220	--	1
Ethylbenzene	ND		ug/kg	220	--	1
Chloromethane	ND		ug/kg	550	--	1
Bromomethane	ND		ug/kg	220	--	1
Vinyl chloride	ND		ug/kg	220	--	1
Chloroethane	ND		ug/kg	220	--	1
1,1-Dichloroethene	ND		ug/kg	220	--	1
trans-1,2-Dichloroethene	ND		ug/kg	220	--	1
Trichloroethene	ND		ug/kg	220	--	1
1,2-Dichlorobenzene	ND		ug/kg	550	--	1
1,3-Dichlorobenzene	ND		ug/kg	550	--	1
1,4-Dichlorobenzene	ND		ug/kg	550	--	1
Methyl tert butyl ether	ND		ug/kg	220	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212524

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212524-11 Date Collected: 07/13/12 10:50

Client ID: S-12L-B002-24-24.5 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	440	--	1
o-Xylene	ND		ug/kg	440	--	1
Xylenes, Total	ND		ug/kg	440	--	1
cis-1,2-Dichloroethene	ND		ug/kg	220	--	1
Styrene	ND		ug/kg	440	--	1
Dichlorodifluoromethane	ND		ug/kg	1100	--	1
Acetone	ND		ug/kg	4000	--	1
Carbon disulfide	ND		ug/kg	1100	--	1
2-Butanone	ND		ug/kg	1100	--	1
4-Methyl-2-pentanone	ND		ug/kg	1100	--	1
2-Hexanone	ND		ug/kg	1100	--	1
Bromochloromethane	ND		ug/kg	550	--	1
1,2-Dibromoethane	ND		ug/kg	440	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	550	--	1
Isopropylbenzene	ND		ug/kg	220	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	550	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	550	--	1
Methyl Acetate	ND		ug/kg	2200	--	1
Cyclohexane	ND		ug/kg	2200	--	1
1,4-Dioxane	ND		ug/kg	11000	--	1
Methyl cyclohexane	ND		ug/kg	440	--	1
Freon-113	ND		ug/kg	2200	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	97		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212524

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212524-12	Date Collected:	07/13/12 10:50
Client ID:	S-12L-B002-24.5-25	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/15/12 15:32		
Analyst:	BN		
Percent Solids:	85%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	1000	--	1
1,1-Dichloroethane	ND		ug/kg	200	--	1
Chloroform	ND		ug/kg	200	--	1
Carbon tetrachloride	ND		ug/kg	200	--	1
1,2-Dichloropropane	ND		ug/kg	410	--	1
Dibromochloromethane	ND		ug/kg	200	--	1
1,1,2-Trichloroethane	ND		ug/kg	200	--	1
Tetrachloroethene	ND		ug/kg	200	--	1
Chlorobenzene	ND		ug/kg	200	--	1
Trichlorofluoromethane	ND		ug/kg	510	--	1
1,2-Dichloroethane	ND		ug/kg	200	--	1
1,1,1-Trichloroethane	ND		ug/kg	200	--	1
Bromodichloromethane	ND		ug/kg	200	--	1
trans-1,3-Dichloropropene	ND		ug/kg	200	--	1
cis-1,3-Dichloropropene	ND		ug/kg	200	--	1
Bromoform	ND		ug/kg	410	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	200	--	1
Benzene	ND		ug/kg	200	--	1
Toluene	ND		ug/kg	200	--	1
Ethylbenzene	ND		ug/kg	200	--	1
Chloromethane	ND		ug/kg	510	--	1
Bromomethane	ND		ug/kg	200	--	1
Vinyl chloride	ND		ug/kg	200	--	1
Chloroethane	ND		ug/kg	200	--	1
1,1-Dichloroethene	ND		ug/kg	200	--	1
trans-1,2-Dichloroethene	ND		ug/kg	200	--	1
Trichloroethene	ND		ug/kg	200	--	1
1,2-Dichlorobenzene	ND		ug/kg	510	--	1
1,3-Dichlorobenzene	ND		ug/kg	510	--	1
1,4-Dichlorobenzene	ND		ug/kg	510	--	1
Methyl tert butyl ether	ND		ug/kg	200	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212524

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212524-12 Date Collected: 07/13/12 10:50

Client ID: S-12L-B002-24.5-25 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	410	--	1
o-Xylene	ND		ug/kg	410	--	1
Xylenes, Total	ND		ug/kg	410	--	1
cis-1,2-Dichloroethene	ND		ug/kg	200	--	1
Styrene	ND		ug/kg	410	--	1
Dichlorodifluoromethane	ND		ug/kg	1000	--	1
Acetone	ND		ug/kg	3700	--	1
Carbon disulfide	ND		ug/kg	1000	--	1
2-Butanone	ND		ug/kg	1000	--	1
4-Methyl-2-pentanone	ND		ug/kg	1000	--	1
2-Hexanone	ND		ug/kg	1000	--	1
Bromochloromethane	ND		ug/kg	510	--	1
1,2-Dibromoethane	ND		ug/kg	410	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	510	--	1
Isopropylbenzene	ND		ug/kg	200	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	510	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	510	--	1
Methyl Acetate	ND		ug/kg	2000	--	1
Cyclohexane	ND		ug/kg	2000	--	1
1,4-Dioxane	ND		ug/kg	10000	--	1
Methyl cyclohexane	ND		ug/kg	410	--	1
Freon-113	ND		ug/kg	2000	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	96		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212524

Project Number: TO-0010-05 **Report Date:** 08/15/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/15/12 10:01
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 01-03,06-12 Batch: WG548573-3					
Methylene chloride	ND		ug/kg	500	--
1,1-Dichloroethane	ND		ug/kg	100	--
Chloroform	ND		ug/kg	100	--
Carbon tetrachloride	ND		ug/kg	100	--
1,2-Dichloropropane	ND		ug/kg	200	--
Dibromochloromethane	ND		ug/kg	100	--
1,1,2-Trichloroethane	ND		ug/kg	100	--
Tetrachloroethene	ND		ug/kg	100	--
Chlorobenzene	ND		ug/kg	100	--
Trichlorofluoromethane	ND		ug/kg	250	--
1,2-Dichloroethane	ND		ug/kg	100	--
1,1,1-Trichloroethane	ND		ug/kg	100	--
Bromodichloromethane	ND		ug/kg	100	--
trans-1,3-Dichloropropene	ND		ug/kg	100	--
cis-1,3-Dichloropropene	ND		ug/kg	100	--
Bromoform	ND		ug/kg	200	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	100	--
Benzene	ND		ug/kg	100	--
Toluene	ND		ug/kg	100	--
Ethylbenzene	ND		ug/kg	100	--
Chloromethane	ND		ug/kg	250	--
Bromomethane	ND		ug/kg	100	--
Vinyl chloride	ND		ug/kg	100	--
Chloroethane	ND		ug/kg	100	--
1,1-Dichloroethene	ND		ug/kg	100	--
trans-1,2-Dichloroethene	ND		ug/kg	100	--
Trichloroethene	ND		ug/kg	100	--
1,2-Dichlorobenzene	ND		ug/kg	250	--
1,3-Dichlorobenzene	ND		ug/kg	250	--
1,4-Dichlorobenzene	ND		ug/kg	250	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212524

Project Number: TO-0010-05 **Report Date:** 08/15/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/15/12 10:01
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 01-03,06-12 Batch: WG548573-3					
Methyl tert butyl ether	ND		ug/kg	100	--
p/m-Xylene	ND		ug/kg	200	--
o-Xylene	ND		ug/kg	200	--
Xylenes, Total	ND		ug/kg	200	--
cis-1,2-Dichloroethene	ND		ug/kg	100	--
Styrene	ND		ug/kg	200	--
Dichlorodifluoromethane	ND		ug/kg	500	--
Acetone	ND		ug/kg	1800	--
Carbon disulfide	ND		ug/kg	500	--
2-Butanone	ND		ug/kg	500	--
4-Methyl-2-pentanone	ND		ug/kg	500	--
2-Hexanone	ND		ug/kg	500	--
Bromochloromethane	ND		ug/kg	250	--
1,2-Dibromoethane	ND		ug/kg	200	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	--
Isopropylbenzene	ND		ug/kg	100	--
1,2,3-Trichlorobenzene	ND		ug/kg	250	--
1,2,4-Trichlorobenzene	ND		ug/kg	250	--
Methyl Acetate	ND		ug/kg	1000	--
Cyclohexane	ND		ug/kg	1000	--
1,4-Dioxane	ND		ug/kg	5000	--
Methyl cyclohexane	ND		ug/kg	200	--
Freon-113	ND		ug/kg	1000	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212524

Project Number: TO-0010-05 **Report Date:** 08/15/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/15/12 10:01
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 01-03,06-12 Batch: WG548573-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	97		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212524

Project Number: TO-0010-05 **Report Date:** 08/15/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/16/12 09:53
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04-05 Batch: WG548616-3					
Methylene chloride	ND		ug/l	3.0	--
1,1-Dichloroethane	ND		ug/l	0.75	--
Chloroform	ND		ug/l	0.75	--
Carbon tetrachloride	ND		ug/l	0.50	--
1,2-Dichloropropane	ND		ug/l	1.8	--
Dibromochloromethane	ND		ug/l	0.50	--
1,1,2-Trichloroethane	ND		ug/l	0.75	--
Tetrachloroethene	ND		ug/l	0.50	--
Chlorobenzene	ND		ug/l	0.50	--
Trichlorofluoromethane	ND		ug/l	2.5	--
1,2-Dichloroethane	ND		ug/l	0.50	--
1,1,1-Trichloroethane	ND		ug/l	0.50	--
Bromodichloromethane	ND		ug/l	0.50	--
trans-1,3-Dichloropropene	ND		ug/l	0.50	--
cis-1,3-Dichloropropene	ND		ug/l	0.50	--
Bromoform	ND		ug/l	2.0	--
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--
Benzene	ND		ug/l	0.50	--
Toluene	ND		ug/l	0.75	--
Ethylbenzene	ND		ug/l	0.50	--
Chloromethane	ND		ug/l	2.5	--
Bromomethane	ND		ug/l	1.0	--
Vinyl chloride	ND		ug/l	1.0	--
Chloroethane	ND		ug/l	1.0	--
1,1-Dichloroethene	ND		ug/l	0.50	--
trans-1,2-Dichloroethene	ND		ug/l	0.75	--
Trichloroethene	ND		ug/l	0.50	--
1,2-Dichlorobenzene	ND		ug/l	2.5	--
1,3-Dichlorobenzene	ND		ug/l	2.5	--
1,4-Dichlorobenzene	ND		ug/l	2.5	--
Methyl tert butyl ether	ND		ug/l	1.0	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212524

Project Number: TO-0010-05 **Report Date:** 08/15/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/16/12 09:53
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04-05 Batch: WG548616-3					
p/m-Xylene	ND		ug/l	1.0	--
o-Xylene	ND		ug/l	1.0	--
Xylenes, Total	ND		ug/l	1.0	--
cis-1,2-Dichloroethene	ND		ug/l	0.50	--
Styrene	ND		ug/l	1.0	--
Dichlorodifluoromethane	ND		ug/l	5.0	--
Acetone	ND		ug/l	5.0	--
Carbon disulfide	ND		ug/l	5.0	--
2-Butanone	ND		ug/l	5.0	--
4-Methyl-2-pentanone	ND		ug/l	5.0	--
2-Hexanone	ND		ug/l	5.0	--
Bromochloromethane	ND		ug/l	2.5	--
1,2-Dibromoethane	ND		ug/l	2.0	--
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--
Isopropylbenzene	ND		ug/l	0.50	--
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--
Methyl Acetate	ND		ug/l	10	--
Cyclohexane	ND		ug/l	10	--
1,4-Dioxane	ND		ug/l	250	--
Freon-113	ND		ug/l	10	--
Methyl cyclohexane	ND		ug/l	10	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	103		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212524

Report Date: 08/15/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 01-03,06-12 Batch: WG548573-1 WG548573-2								
Methylene chloride	98		98		70-130	0		30
1,1-Dichloroethane	97		96		70-130	1		30
Chloroform	96		96		70-130	0		30
Carbon tetrachloride	99		95		70-130	4		30
1,2-Dichloropropane	97		97		70-130	0		30
Dibromochloromethane	94		94		70-130	0		30
1,1,2-Trichloroethane	95		95		70-130	0		30
Tetrachloroethene	99		96		70-130	3		30
Chlorobenzene	96		96		70-130	0		30
Trichlorofluoromethane	104		98		70-139	6		30
1,2-Dichloroethane	96		96		70-130	0		30
1,1,1-Trichloroethane	98		95		70-130	3		30
Bromodichloromethane	96		96		70-130	0		30
trans-1,3-Dichloropropene	96		96		70-130	0		30
cis-1,3-Dichloropropene	96		97		70-130	1		30
Bromoform	95		96		70-130	1		30
1,1,2,2-Tetrachloroethane	95		96		70-130	1		30
Benzene	97		95		70-130	2		30
Toluene	94		92		70-130	2		30
Ethylbenzene	97		95		70-130	2		30
Chloromethane	103		98		52-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212524

Report Date: 08/15/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 01-03,06-12 Batch: WG548573-1 WG548573-2								
Bromomethane	100		92		57-147	8		30
Vinyl chloride	101		96		67-130	5		30
Chloroethane	104		98		50-151	6		30
1,1-Dichloroethene	100		95		65-135	5		30
trans-1,2-Dichloroethene	99		96		70-130	3		30
Trichloroethene	98		95		70-130	3		30
1,2-Dichlorobenzene	96		96		70-130	0		30
1,3-Dichlorobenzene	97		98		70-130	1		30
1,4-Dichlorobenzene	97		96		70-130	1		30
Methyl tert butyl ether	96		96		66-130	0		30
p/m-Xylene	98		96		70-130	2		30
o-Xylene	98		97		70-130	1		30
cis-1,2-Dichloroethene	98		97		70-130	1		30
Styrene	97		97		70-130	0		30
Dichlorodifluoromethane	105		98		30-146	7		30
Acetone	109		105		54-140	4		30
Carbon disulfide	97		93		59-130	4		30
2-Butanone	94		94		70-130	0		30
4-Methyl-2-pentanone	95		96		70-130	1		30
2-Hexanone	95		95		70-130	0		30
Bromochloromethane	96		97		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212524

Report Date: 08/15/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 01-03,06-12 Batch: WG548573-1 WG548573-2								
1,2-Dibromoethane	95		95		70-130	0		30
1,2-Dibromo-3-chloropropane	100		106		68-130	6		30
Isopropylbenzene	98		98		70-130	0		30
1,2,3-Trichlorobenzene	97		98		70-130	1		30
1,2,4-Trichlorobenzene	97		99		70-130	2		30
Methyl Acetate	92		91		65-130	1		30
Cyclohexane	103		96		70-130	7		30
1,4-Dioxane	95		96		65-136	1		30
Methyl cyclohexane	100		97		70-130	3		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	101		97		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		99		70-130
Toluene-d8	99		100		70-130
4-Bromofluorobenzene	100		102		70-130
Dibromofluoromethane	99		100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212524

Report Date: 08/15/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05 Batch: WG548616-1 WG548616-2								
Methylene chloride	101		96		70-130	5		20
1,1-Dichloroethane	106		98		70-130	8		20
Chloroform	107		102		70-130	5		20
Carbon tetrachloride	116		104		63-132	11		20
1,2-Dichloropropane	100		94		70-130	6		20
Dibromochloromethane	100		96		63-130	4		20
1,1,2-Trichloroethane	100		99		70-130	1		20
Tetrachloroethene	105		97		70-130	8		20
Chlorobenzene	103		96		75-130	7		25
Trichlorofluoromethane	117		108		62-150	8		20
1,2-Dichloroethane	112		107		70-130	5		20
1,1,1-Trichloroethane	114		106		67-130	7		20
Bromodichloromethane	110		105		67-130	5		20
trans-1,3-Dichloropropene	105		100		70-130	5		20
cis-1,3-Dichloropropene	100		96		70-130	4		20
Bromoform	121		111		54-136	9		20
1,1,2,2-Tetrachloroethane	118		112		67-130	5		20
Benzene	102		94		70-130	8		25
Toluene	104		95		70-130	9		25
Ethylbenzene	103		97		70-130	6		20
Chloromethane	77		74		64-130	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212524

Report Date: 08/15/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05 Batch: WG548616-1 WG548616-2								
Bromomethane	46		42		39-139	9		20
Vinyl chloride	109		97		55-140	12		20
Chloroethane	104		95		55-138	9		20
1,1-Dichloroethene	102		94		61-145	8		25
trans-1,2-Dichloroethene	102		95		70-130	7		20
Trichloroethene	102		97		70-130	5		25
1,2-Dichlorobenzene	102		98		70-130	4		20
1,3-Dichlorobenzene	105		96		70-130	9		20
1,4-Dichlorobenzene	103		94		70-130	9		20
Methyl tert butyl ether	99		96		63-130	3		20
p/m-Xylene	95		92		70-130	3		20
o-Xylene	96		92		70-130	4		20
cis-1,2-Dichloroethene	103		96		70-130	7		20
Styrene	95		91		70-130	4		20
Dichlorodifluoromethane	111		102		36-147	8		20
Acetone	107		99		58-148	8		20
Carbon disulfide	106		94		51-130	12		20
2-Butanone	98		96		63-138	2		20
4-Methyl-2-pentanone	86		89		59-130	3		20
2-Hexanone	97		95		57-130	2		20
Bromochloromethane	101		98		70-130	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212524

Report Date: 08/15/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05 Batch: WG548616-1 WG548616-2								
1,2-Dibromoethane	101		98		70-130	3		20
1,2-Dibromo-3-chloropropane	110		111		41-144	1		20
Isopropylbenzene	115		105		70-130	9		20
1,2,3-Trichlorobenzene	105		111		70-130	6		20
1,2,4-Trichlorobenzene	106		105		70-130	1		20
Methyl Acetate	97		96		70-130	1		20
Cyclohexane	103		95		70-130	8		20
1,4-Dioxane	100		96		56-162	4		20
1,1,2-Trichloro-1,2,2-Trifluoroethane	107		97		70-130	10		20
Methyl cyclohexane	107		96		70-130	11		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	111		113		70-130
Toluene-d8	101		102		70-130
4-Bromofluorobenzene	112		110		70-130
Dibromofluoromethane	104		105		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212524
Report Date: 08/15/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 01-03,06-12 QC Batch ID: WG548573-4 WG548573-5 QC Sample: L1212524-09 Client ID: S-12L-B002-17.5-18												
Methylene chloride	ND	1170	1100	91		1100	95		70-130	4		30
1,1-Dichloroethane	ND	1170	1000	87		1100	92		70-130	6		30
Chloroform	ND	1170	1000	89		1100	91		70-130	2		30
Carbon tetrachloride	ND	1170	970	83		1000	86		70-130	4		30
1,2-Dichloropropane	ND	1170	1100	90		1100	94		70-130	5		30
Dibromochloromethane	ND	1170	990	85		1000	87		70-130	3		30
1,1,2-Trichloroethane	ND	1170	1100	91		1100	92		70-130	2		30
Tetrachloroethene	ND	1170	1000	88		1100	91		70-130	3		30
Chlorobenzene	ND	1170	1000	89		1100	92		70-130	4		30
Trichlorofluoromethane	ND	1170	ND	**0**	Q	ND	**0**	Q	70-139	NC		30
1,2-Dichloroethane	ND	1170	1100	90		1100	92		70-130	3		30
1,1,1-Trichloroethane	ND	1170	1000	86		1000	89		70-130	3		30
Bromodichloromethane	ND	1170	1000	86		1000	88		70-130	3		30
trans-1,3-Dichloropropene	ND	1170	1000	88		1100	91		70-130	3		30
cis-1,3-Dichloropropene	ND	1170	1000	88		1100	91		70-130	4		30
Bromoform	ND	1170	950	81		990	84		70-130	4		30
1,1,2,2-Tetrachloroethane	ND	1170	1000	88		1100	91		70-130	3		30
Benzene	ND	1170	1000	89		1100	91		70-130	2		30
Toluene	ND	1170	1000	85		1000	88		70-130	3		30
Ethylbenzene	ND	1170	1000	88		1100	91		70-130	3		30
Chloromethane	ND	1170	1200	103		1300	113		52-130	9		30

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212524
Report Date: 08/15/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 01-03,06-12 QC Batch ID: WG548573-4 WG548573-5 QC Sample: L1212524-09 Client ID: S-12L-B002-17.5-18												
Bromomethane	ND	1170	740	63		820	70		57-147	10		30
Vinyl chloride	ND	1170	1000	85		1100	92		67-130	8		30
Chloroethane	ND	1170	340	**29**	Q	360	**31**	Q	50-151	6		30
1,1-Dichloroethene	ND	1170	1000	88		1100	91		65-135	3		30
trans-1,2-Dichloroethene	ND	1170	1000	88		1100	91		70-130	4		30
Trichloroethene	ND	1170	1100	97		1200	100		70-130	3		30
1,2-Dichlorobenzene	ND	1170	1000	89		1100	92		70-130	4		30
1,3-Dichlorobenzene	ND	1170	1000	89		1100	92		70-130	4		30
1,4-Dichlorobenzene	ND	1170	1000	89		1100	91		70-130	2		30
Methyl tert butyl ether	ND	1170	1100	91		1100	94		66-130	4		30
p/m-Xylene	ND	2350	2100	88		2100	91		70-130	3		30
o-Xylene	ND	2350	2100	89		2200	92		70-130	3		30
cis-1,2-Dichloroethene	ND	1170	1100	90		1100	93		70-130	4		30
Styrene	ND	2350	2100	90		2200	93		70-130	3		30
Dichlorodifluoromethane	ND	1170	1000	86		1100	91		30-146	6		30
Acetone	ND	1170	ND	**0**	Q	ND	**0**	Q	54-140	NC		30
Carbon disulfide	ND	1170	980	83		1000	87		59-130	4		30
2-Butanone	ND	1170	1000	89		1000	89		70-130	0		30
4-Methyl-2-pentanone	ND	1170	1000	89		1100	92		70-130	4		30
2-Hexanone	ND	1170	960	82		1000	87		70-130	6		30
Bromochloromethane	ND	1170	1100	92		1100	93		70-130	1		30

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212524
Report Date: 08/15/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 01-03,06-12 QC Batch ID: WG548573-4 WG548573-5 QC Sample: L1212524-09 Client ID: S-12L-B002-17.5-18												
1,2-Dibromoethane	ND	1170	1000	89		1100	91		70-130	3		30
1,2-Dibromo-3-chloropropane	ND	1170	1100	91		1100	95		68-130	5		30
Isopropylbenzene	ND	1170	1000	87		1100	90		70-130	3		30
1,2,3-Trichlorobenzene	ND	1170	1000	88		1100	91		70-130	3		30
1,2,4-Trichlorobenzene	ND	1170	1000	88		1100	91		70-130	3		30
Methyl Acetate	ND	1170	ND	**0**	Q	ND	**0**	Q	65-130	NC		30
Cyclohexane	ND	1170	ND	**0**	Q	ND	**0**	Q	70-130	NC		30
1,4-Dioxane	ND	58700	58000	99		61000	104		65-136	5		30
Methyl cyclohexane	ND	1170	1100	90		1100	92		70-130	3		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1170	ND	**0**	Q	ND	**0**	Q	70-130	NC		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		96		70-130
4-Bromofluorobenzene	100		100		70-130
Dibromofluoromethane	98		98		70-130
Toluene-d8	99		98		70-130

PCBS

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212524

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212524-01	Date Collected:	07/13/12 08:25
Client ID:	S-12L-B002-5.5-6.0	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8082	Extraction Date:	07/14/12 02:30
Analytical Date:	07/16/12 09:15	Cleanup Method1:	EPA 3665A
Analyst:	SH	Cleanup Date1:	07/15/12
Percent Solids:	65%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/15/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	30.1	--	1
Aroclor 1221	ND		ug/kg	30.1	--	1
Aroclor 1232	ND		ug/kg	30.1	--	1
Aroclor 1242	365		ug/kg	30.1	--	1
Aroclor 1248	ND		ug/kg	20.1	--	1
Aroclor 1254	206		ug/kg	30.1	--	1
Aroclor 1262	ND		ug/kg	10.0	--	1
Aroclor 1268	ND		ug/kg	10.0	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	82		30-150
Decachlorobiphenyl	76		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212524

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212524-01	Date Collected:	07/13/12 08:25
Client ID:	S-12L-B002-5.5-6.0	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8082	Extraction Date:	07/14/12 02:30
Analytical Date:	07/16/12 09:15	Cleanup Method1:	EPA 3665A
Analyst:	SH	Cleanup Date1:	07/15/12
Percent Solids:	65%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/15/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1260	ND		ug/kg	20.1	--	1

2,4,5,6-Tetrachloro-m-xylene	82	30-150
Decachlorobiphenyl	76	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212524

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212524-02 D	Date Collected:	07/13/12 08:25
Client ID:	S-12L-B002-5.5-6.0 REP	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8082	Extraction Date:	07/14/12 02:30
Analytical Date:	07/16/12 12:37	Cleanup Method1:	EPA 3665A
Analyst:	SH	Cleanup Date1:	07/15/12
Percent Solids:	69%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/15/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	571	--	20
Aroclor 1221	ND		ug/kg	571	--	20
Aroclor 1232	ND		ug/kg	571	--	20
Aroclor 1242	6420		ug/kg	571	--	20
Aroclor 1248	ND		ug/kg	381	--	20
Aroclor 1254	3000		ug/kg	571	--	20
Aroclor 1260	ND		ug/kg	381	--	20
Aroclor 1262	ND		ug/kg	190	--	20
Aroclor 1268	ND		ug/kg	190	--	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150
Decachlorobiphenyl	**0**	Q	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212524

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212524-05	Date Collected:	07/13/12 13:50
Client ID:	EB-071312-02	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8082	Extraction Date:	07/13/12 22:33
Analytical Date:	07/16/12 14:18	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/15/12
		Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/15/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/l	0.250	--	1
Aroclor 1221	ND		ug/l	0.250	--	1
Aroclor 1232	ND		ug/l	0.250	--	1
Aroclor 1242	ND		ug/l	0.250	--	1
Aroclor 1248	ND		ug/l	0.250	--	1
Aroclor 1260	ND		ug/l	0.250	--	1
Aroclor 1262	ND		ug/l	0.250	--	1
Aroclor 1268	ND		ug/l	0.250	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	107		30-150
Decachlorobiphenyl	76		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212524

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212524-05	Date Collected:	07/13/12 13:50
Client ID:	EB-071312-02	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8082	Extraction Date:	07/13/12 22:33
Analytical Date:	07/16/12 14:18	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/15/12
		Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/15/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1254	0.418		ug/l	0.250	--	1

2,4,5,6-Tetrachloro-m-xylene	107	30-150
Decachlorobiphenyl	76	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212524

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212524-06	Date Collected:	07/13/12 08:45
Client ID:	S-12L-B002-8.0-8.5	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8082	Extraction Date:	07/14/12 02:30
Analytical Date:	07/16/12 09:41	Cleanup Method1:	EPA 3665A
Analyst:	SH	Cleanup Date1:	07/15/12
Percent Solids:	88%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/15/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	22.3	--	1
Aroclor 1221	ND		ug/kg	22.3	--	1
Aroclor 1232	ND		ug/kg	22.3	--	1
Aroclor 1248	ND		ug/kg	14.8	--	1
Aroclor 1254	210		ug/kg	22.3	--	1
Aroclor 1260	20.4	P	ug/kg	14.8	--	1
Aroclor 1262	ND		ug/kg	7.43	--	1
Aroclor 1268	ND		ug/kg	7.43	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	80		30-150
Decachlorobiphenyl	84		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212524

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212524-06	Date Collected:	07/13/12 08:45
Client ID:	S-12L-B002-8.0-8.5	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8082	Extraction Date:	07/14/12 02:30
Analytical Date:	07/16/12 09:41	Cleanup Method1:	EPA 3665A
Analyst:	SH	Cleanup Date1:	07/15/12
Percent Solids:	88%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/15/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	231		ug/kg	22.3	--	1

2,4,5,6-Tetrachloro-m-xylene	80	30-150
Decachlorobiphenyl	84	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212524

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212524-07	Date Collected:	07/13/12 09:30
Client ID:	S-12L-B002-12-12.5	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8082	Extraction Date:	07/14/12 02:30
Analytical Date:	07/16/12 09:54	Cleanup Method1:	EPA 3665A
Analyst:	SH	Cleanup Date1:	07/15/12
Percent Solids:	93%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/15/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	21.1	--	1
Aroclor 1221	ND		ug/kg	21.1	--	1
Aroclor 1232	ND		ug/kg	21.1	--	1
Aroclor 1248	ND		ug/kg	14.1	--	1
Aroclor 1262	ND		ug/kg	7.04	--	1
Aroclor 1268	ND		ug/kg	7.04	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	87		30-150
Decachlorobiphenyl	93		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212524

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212524-07	Date Collected:	07/13/12 09:30
Client ID:	S-12L-B002-12-12.5	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8082	Extraction Date:	07/14/12 02:30
Analytical Date:	07/16/12 09:54	Cleanup Method1:	EPA 3665A
Analyst:	SH	Cleanup Date1:	07/15/12
Percent Solids:	93%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/15/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	ND		ug/kg	21.1	--	1
Aroclor 1254	ND		ug/kg	21.1	--	1
Aroclor 1260	ND		ug/kg	14.1	--	1

2,4,5,6-Tetrachloro-m-xylene	87	30-150
Decachlorobiphenyl	93	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212524

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212524-08	Date Collected:	07/13/12 09:30
Client ID:	S-12L-B002-14-14.5	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8082	Extraction Date:	07/14/12 02:30
Analytical Date:	07/16/12 10:08	Cleanup Method1:	EPA 3665A
Analyst:	SH	Cleanup Date1:	07/15/12
Percent Solids:	85%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/15/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	22.4	--	1
Aroclor 1221	ND		ug/kg	22.4	--	1
Aroclor 1232	ND		ug/kg	22.4	--	1
Aroclor 1248	ND		ug/kg	14.9	--	1
Aroclor 1254	60.8		ug/kg	22.4	--	1
Aroclor 1260	ND		ug/kg	14.9	--	1
Aroclor 1262	ND		ug/kg	7.47	--	1
Aroclor 1268	ND		ug/kg	7.47	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	98		30-150
Decachlorobiphenyl	99		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212524

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212524-08	Date Collected:	07/13/12 09:30
Client ID:	S-12L-B002-14-14.5	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8082	Extraction Date:	07/14/12 02:30
Analytical Date:	07/16/12 10:08	Cleanup Method1:	EPA 3665A
Analyst:	SH	Cleanup Date1:	07/15/12
Percent Solids:	85%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/15/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	57.3		ug/kg	22.4	--	1

2,4,5,6-Tetrachloro-m-xylene	98	30-150
Decachlorobiphenyl	99	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212524

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212524-09	Date Collected:	07/13/12 10:00
Client ID:	S-12L-B002-17.5-18	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8082	Extraction Date:	07/14/12 02:30
Analytical Date:	07/16/12 10:21	Cleanup Method1:	EPA 3665A
Analyst:	SH	Cleanup Date1:	07/15/12
Percent Solids:	92%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/15/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	21.2	--	1
Aroclor 1221	ND		ug/kg	21.2	--	1
Aroclor 1232	ND		ug/kg	21.2	--	1
Aroclor 1242	ND		ug/kg	21.2	--	1
Aroclor 1248	ND		ug/kg	14.2	--	1
Aroclor 1254	26.1		ug/kg	21.2	--	1
Aroclor 1260	ND		ug/kg	14.2	--	1
Aroclor 1262	170		ug/kg	7.08	--	1
Aroclor 1268	ND		ug/kg	7.08	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	95		30-150
Decachlorobiphenyl	101		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212524

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212524-10	Date Collected:	07/13/12 10:00
Client ID:	S-12L-B002-19.5-20	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8082	Extraction Date:	07/14/12 02:30
Analytical Date:	07/16/12 10:34	Cleanup Method1:	EPA 3665A
Analyst:	SH	Cleanup Date1:	07/15/12
Percent Solids:	87%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/15/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	22.7	--	1
Aroclor 1221	ND		ug/kg	22.7	--	1
Aroclor 1232	ND		ug/kg	22.7	--	1
Aroclor 1242	ND		ug/kg	22.7	--	1
Aroclor 1248	ND		ug/kg	15.1	--	1
Aroclor 1254	ND		ug/kg	22.7	--	1
Aroclor 1260	ND		ug/kg	15.1	--	1
Aroclor 1262	ND		ug/kg	7.56	--	1
Aroclor 1268	ND		ug/kg	7.56	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	59		30-150
Decachlorobiphenyl	76		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212524

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212524-11	Date Collected:	07/13/12 10:50
Client ID:	S-12L-B002-24-24.5	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8082	Extraction Date:	07/14/12 02:30
Analytical Date:	07/16/12 10:48	Cleanup Method1:	EPA 3665A
Analyst:	SH	Cleanup Date1:	07/15/12
Percent Solids:	89%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/15/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	22.3	--	1
Aroclor 1221	ND		ug/kg	22.3	--	1
Aroclor 1232	ND		ug/kg	22.3	--	1
Aroclor 1242	ND		ug/kg	22.3	--	1
Aroclor 1248	ND		ug/kg	14.8	--	1
Aroclor 1254	33.1		ug/kg	22.3	--	1
Aroclor 1260	ND		ug/kg	14.8	--	1
Aroclor 1262	18.3		ug/kg	7.43	--	1
Aroclor 1268	ND		ug/kg	7.43	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	79		30-150
Decachlorobiphenyl	88		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212524

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212524-12	Date Collected:	07/13/12 10:50
Client ID:	S-12L-B002-24.5-25	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8082	Extraction Date:	07/14/12 02:30
Analytical Date:	07/16/12 11:01	Cleanup Method1:	EPA 3665A
Analyst:	SH	Cleanup Date1:	07/15/12
Percent Solids:	85%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/15/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	22.2	--	1
Aroclor 1221	ND		ug/kg	22.2	--	1
Aroclor 1232	ND		ug/kg	22.2	--	1
Aroclor 1242	ND		ug/kg	22.2	--	1
Aroclor 1248	ND		ug/kg	14.8	--	1
Aroclor 1254	29.5		ug/kg	22.2	--	1
Aroclor 1260	ND		ug/kg	14.8	--	1
Aroclor 1262	18.0		ug/kg	7.41	--	1
Aroclor 1268	ND		ug/kg	7.41	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	80		30-150
Decachlorobiphenyl	89		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212524

Project Number: TO-0010-05 **Report Date:** 08/15/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082
Analytical Date: 07/16/12 14:31
Analyst: BA

Extraction Method: EPA 3510C
Extraction Date: 07/13/12 22:33
Cleanup Method1: EPA 3665A
Cleanup Date1: 07/15/12
Cleanup Method2: EPA 3660B
Cleanup Date2: 07/15/12

Parameter	Result	Qualifier	Units	RL	MDL
PCB by GC - Westborough Lab for sample(s): 05 Batch: WG548386-1					
Aroclor 1016	ND		ug/l	0.250	--
Aroclor 1221	ND		ug/l	0.250	--
Aroclor 1232	ND		ug/l	0.250	--
Aroclor 1242	ND		ug/l	0.250	--
Aroclor 1248	ND		ug/l	0.250	--
Aroclor 1254	ND		ug/l	0.250	--
Aroclor 1260	ND		ug/l	0.250	--
Aroclor 1262	ND		ug/l	0.250	--
Aroclor 1268	ND		ug/l	0.250	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	80		30-150
Decachlorobiphenyl	118		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212524

Project Number: TO-0010-05 **Report Date:** 08/15/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082
Analytical Date: 07/16/12 11:41
Analyst: SH

Extraction Method: EPA 3540C
Extraction Date: 07/14/12 02:30
Cleanup Method1: EPA 3665A
Cleanup Date1: 07/15/12
Cleanup Method2: EPA 3660B
Cleanup Date2: 07/15/12

Parameter	Result	Qualifier	Units	RL	MDL
PCB by GC - Westborough Lab for sample(s): 01-02,06-12 Batch: WG548412-1					
Aroclor 1016	ND		ug/kg	19.6	--
Aroclor 1221	ND		ug/kg	19.6	--
Aroclor 1232	ND		ug/kg	19.6	--
Aroclor 1242	ND		ug/kg	19.6	--
Aroclor 1248	ND		ug/kg	13.0	--
Aroclor 1254	ND		ug/kg	19.6	--
Aroclor 1260	ND		ug/kg	13.0	--
Aroclor 1262	ND		ug/kg	6.53	--
Aroclor 1268	ND		ug/kg	6.53	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	88		30-150
Decachlorobiphenyl	101		30-150

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212524
Report Date: 08/15/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
PCB by GC - Westborough Lab Associated sample(s): 01-02,06-12 QC Batch ID: WG548412-4 WG548412-5 QC Sample: L1212524-09 Client ID: S-12L-B002-17.5-18												
Aroclor 1016	ND	220	186	85		207	93		40-140	11		50
Aroclor 1260	ND	220	258	117		259	116		40-140	0		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	92		88		30-150
Decachlorobiphenyl	101		99		30-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212524

Report Date: 08/15/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
PCB by GC - Westborough Lab Associated sample(s): 05 Batch: WG548386-2 WG548386-3								
Aroclor 1016	77		70		40-140	8		50
Aroclor 1260	89		82		40-140	9		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	93		74		30-150
Decachlorobiphenyl	62		110		30-150

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
PCB by GC - Westborough Lab Associated sample(s): 01-02,06-12 Batch: WG548412-2 WG548412-3								
Aroclor 1016	69		83		40-140	18		50
Aroclor 1260	69		82		40-140	17		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	86		110		30-150
Decachlorobiphenyl	93		122		30-150

INORGANICS
&
MISCELLANEOUS

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212524
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212524-01
Client ID: S-12L-B002-5.5-6.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/13/12 08:25
Date Received: 07/13/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	65		%	0.10	NA	1	-	07/13/12 23:24	30,2540G	ML

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212524
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212524-02
Client ID: S-12L-B002-5.5-6.0 REP
Sample Location: NEW BEDFORD, MA
Matrix: Sediment
Date Collected: 07/13/12 08:25
Date Received: 07/13/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	69		%	0.10	NA	1	-	07/13/12 23:24	30,2540G	ML

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212524
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212524-06
Client ID: S-12L-B002-8.0-8.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/13/12 08:45
Date Received: 07/13/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88		%	0.10	NA	1	-	07/13/12 23:24	30,2540G	ML

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212524
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212524-07
Client ID: S-12L-B002-12-12.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/13/12 09:30
Date Received: 07/13/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93		%	0.10	NA	1	-	07/13/12 23:24	30,2540G	ML

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212524
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212524-08
Client ID: S-12L-B002-14-14.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/13/12 09:30
Date Received: 07/13/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85		%	0.10	NA	1	-	07/13/12 23:24	30,2540G	ML

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212524
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212524-09
Client ID: S-12L-B002-17.5-18
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/13/12 10:00
Date Received: 07/13/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92		%	0.10	NA	1	-	07/13/12 23:24	30,2540G	ML

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212524
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212524-10
Client ID: S-12L-B002-19.5-20
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/13/12 10:00
Date Received: 07/13/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87		%	0.10	NA	1	-	07/13/12 23:24	30,2540G	ML

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212524
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212524-11
Client ID: S-12L-B002-24-24.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/13/12 10:50
Date Received: 07/13/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89		%	0.10	NA	1	-	07/13/12 23:24	30,2540G	ML

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212524
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212524-12
Client ID: S-12L-B002-24.5-25
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/13/12 10:50
Date Received: 07/13/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85		%	0.10	NA	1	-	07/13/12 23:24	30,2540G	ML

Lab Duplicate Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212524
Report Date: 08/15/12

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02,06-12 QC Batch ID: WG548391-1 QC Sample: L1212524-09 Client ID: S-12L-B002-17.5-18						
Solids, Total	92	91	%	1		20

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212524
Report Date: 08/15/12

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 07/13/2012 21:36

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1212524-01A	Vial MeOH preserved	A	N/A	2.7	Y	Absent	8260HLW-WHG(14)
L1212524-01B	Vial water preserved	A	N/A	2.7	Y	Absent	8260HLW-WHG(14)
L1212524-01C	Vial water preserved	A	N/A	2.7	Y	Absent	8260HLW-WHG(14)
L1212524-01D	Amber 250ml unpreserved	B	N/A	5.0	Y	Absent	TS(7),PCB-8082LL(14)
L1212524-02A	Vial MeOH preserved	A	N/A	2.7	Y	Absent	8260HLW-WHG(14)
L1212524-02B	Vial water preserved	A	N/A	2.7	Y	Absent	8260HLW-WHG(14)
L1212524-02C	Vial water preserved	A	N/A	2.7	Y	Absent	8260HLW-WHG(14)
L1212524-02D	Amber 250ml unpreserved	B	N/A	5.0	Y	Absent	TS(7),PCB-8082LL(14)
L1212524-03A	Vial MeOH preserved	A	N/A	2.7	Y	Absent	8260HLW-WHG(14)
L1212524-03B	Vial water preserved	A	N/A	2.7	Y	Absent	8260HLW-WHG(14)
L1212524-03C	Vial water preserved	A	N/A	2.7	Y	Absent	8260HLW-WHG(14)
L1212524-03D	Vial MeOH preserved	A	N/A	2.7	Y	Absent	8260HLW-WHG(14)
L1212524-04A	Vial HCl preserved	A	N/A	2.7	Y	Absent	8260(14)
L1212524-05A	Vial HCl preserved	A	N/A	2.7	Y	Absent	8260(14)
L1212524-05B	Vial HCl preserved	A	N/A	2.7	Y	Absent	8260(14)
L1212524-05C	Amber 1000ml unpreserved	A	N/A	2.7	Y	Absent	PCB-8082(7)
L1212524-05D	Amber 1000ml unpreserved	A	N/A	2.7	Y	Absent	PCB-8082(7)
L1212524-06A	Vial MeOH preserved	A	N/A	2.7	Y	Absent	8260HLW-WHG(14)
L1212524-06B	Vial water preserved	A	N/A	2.7	Y	Absent	8260HLW-WHG(14)
L1212524-06C	Vial water preserved	A	N/A	2.7	Y	Absent	8260HLW-WHG(14)
L1212524-06D	Amber 250ml unpreserved	B	N/A	5.0	Y	Absent	TS(7),PCB-8082LL(14)
L1212524-07A	Vial MeOH preserved	A	N/A	2.7	Y	Absent	8260HLW-WHG(14)
L1212524-07B	Vial water preserved	A	N/A	2.7	Y	Absent	8260HLW-WHG(14)
L1212524-07C	Vial water preserved	A	N/A	2.7	Y	Absent	8260HLW-WHG(14)
L1212524-07D	Amber 250ml unpreserved	B	N/A	5.0	Y	Absent	TS(7),PCB-8082LL(14)
L1212524-08A	Vial MeOH preserved	A	N/A	2.7	Y	Absent	8260HLW-WHG(14)

(*) Values in parentheses indicate holding time in days

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212524
Report Date: 08/15/12

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1212524-08B	Vial water preserved	A	N/A	2.7	Y	Absent	8260HLW-WHG(14)
L1212524-08C	Vial water preserved	A	N/A	2.7	Y	Absent	8260HLW-WHG(14)
L1212524-08D	Amber 250ml unpreserved	B	N/A	5.0	Y	Absent	TS(7),PCB-8082LL(14)
L1212524-09A	Vial MeOH preserved	A	N/A	2.7	Y	Absent	8260HLW-WHG(14)
L1212524-09B	Vial water preserved	A	N/A	2.7	Y	Absent	8260HLW-WHG(14)
L1212524-09C	Vial water preserved	A	N/A	2.7	Y	Absent	8260HLW-WHG(14)
L1212524-09D	Amber 250ml unpreserved	B	N/A	5.0	Y	Absent	TS(7),PCB-8082LL(14)
L1212524-09E	Vial MeOH preserved	A	N/A	2.7	Y	Absent	8260HLW-WHG(14)
L1212524-09F	Vial water preserved	A	N/A	2.7	Y	Absent	8260HLW-WHG(14)
L1212524-09G	Vial water preserved	A	N/A	2.7	Y	Absent	8260HLW-WHG(14)
L1212524-09H	Amber 250ml unpreserved	B	N/A	5.0	Y	Absent	TS(7),PCB-8082LL(14)
L1212524-10A	Vial MeOH preserved	A	N/A	2.7	Y	Absent	8260HLW-WHG(14)
L1212524-10B	Vial water preserved	A	N/A	2.7	Y	Absent	8260HLW-WHG(14)
L1212524-10C	Vial water preserved	A	N/A	2.7	Y	Absent	8260HLW-WHG(14)
L1212524-10D	Amber 250ml unpreserved	B	N/A	5.0	Y	Absent	TS(7),PCB-8082LL(14)
L1212524-11A	Vial MeOH preserved	A	N/A	2.7	Y	Absent	8260HLW-WHG(14)
L1212524-11B	Vial water preserved	A	N/A	2.7	Y	Absent	8260HLW-WHG(14)
L1212524-11C	Vial water preserved	A	N/A	2.7	Y	Absent	8260HLW-WHG(14)
L1212524-11D	Amber 250ml unpreserved	B	N/A	5.0	Y	Absent	TS(7),PCB-8082LL(14)
L1212524-12A	Vial MeOH preserved	A	N/A	2.7	Y	Absent	8260HLW-WHG(14)
L1212524-12B	Vial water preserved	A	N/A	2.7	Y	Absent	8260HLW-WHG(14)
L1212524-12C	Vial water preserved	A	N/A	2.7	Y	Absent	8260HLW-WHG(14)
L1212524-12D	Amber 250ml unpreserved	A	N/A	2.7	Y	Absent	TS(7),PCB-8082LL(14)

Container Comments

L1212524-01D

L1212524-02D

L1212524-06D

L1212524-10D

L1212524-12D

(*) Values in parentheses indicate holding time in days

Project Name:	NEW BEDFORD AEROVOX	**Lab Number:**	L1212524
Project Number:	TO-0010-05	**Report Date:**	08/15/12

GLOSSARY

Acronyms

EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than five times (5x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit.
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
D	- Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
E	- Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
G	- The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
H	- The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
I	- The RPD between the results for the two columns exceeds the method-specified criteria; however, the lower value has been reported due to obvious interference.
M	- Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
NJ	- Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

Report Format: Data Usability Report

Project Name:	NEW BEDFORD AEROVOX	**Lab Number:**	L1212524
Project Number:	TO-0010-05	**Report Date:**	08/15/12

Data Qualifiers

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the reporting limit (RL) for the sample.

Report Format: Data Usability Report

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212524

Project Number: TO-0010-05 **Report Date:** 08/15/12

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certificate/Approval Program Summary

Last revised August 3, 2012 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0574. ***NELAP Accredited Solid Waste/Soil.***

Drinking Water (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Nickel, Selenium, Silver, Sodium, Thallium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP) 504.1, Ethylene Dibromide (EDB) 504.1, 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223, Enumeration and P/A), E. Coli. – Colilert (SM9223, Enumeration and P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform-EC Medium (SM 9221E).

Wastewater/Non-Potable Water (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), E. Coli – Colilert (SM9223 Enumeration), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E), Enterococcus - Enterolert.

Solid Waste/Soil (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Dalapon, Volatile Organics (SW 8260), Acid Extractables (Phenols) (SW 8270), Benzidines (SW 8270), Phthalates (SW 8270), Nitrosamines (SW 8270), Nitroaromatics & Cyclic Ketones (SW 8270), PAHs (SW 8270), Haloethers (SW 8270), Chlorinated Hydrocarbons (SW 8270).)

Maine Department of Human Services Certificate/Lab ID: 2009024.
Drinking Water (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 353.2, SM2130B, 2320B, 2540C, 4500Cl-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 350.1, 351.1, 353.2, 410.4, 420.1, SM2320B, 2510B, 2540C, 2540D, 426C, 4500Cl-D, 4500Cl-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-B, 4500Norg-C, 4500NH3-B, 4500NH3-G, 4500NO3-F, 4500P-B, 4500P-E, 5210B, 5220D, 5310C, 9010B, 9040B, 9030B, 7470A, 7196A, 2340B, EPA 200.7, 6010B, 200.8, 6020, 245.1, 1311, 1312, 3005A, Enterolert, 9223D, 9222D. Organic Parameters: 608, 624, 625, 8081A, 8082, 8330, 8151A, 8260B, 8270C, 3510C, 3630C, 5030B, ME-DRO, ME-GRO, MA-EPH, MA-VPH.)

Solid Waste/Soil (Inorganic Parameters: 9010B, 9012A, 9014A, 9030B, 9040B, 9045C, 6010B, 7471A, 7196A, 9050A, 1010, 1030, 9065, 1311, 1312, 3005A, 3050B. Organic Parameters: ME-DRO, ME-GRO, MA-EPH, MA-VPH, 8260B, 8270C, 8330, 8151A, 8081A, 8082, 3540C, 3546, 3580A, 3630C, 5030B, 5035.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.
*Drinking Water (*Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl) (EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate); (EPA 353.2 for: Nitrate-N, Nitrite-N); (SM4500NO3-F for: Nitrate-N and Nitrite-N); 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, 2320B, SM2540C, SM4500H-B. Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics); (504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), EPA 332. Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; ColilertQT SM9223B; MF-SM9222D.)

Non-Potable Water (Inorganic Parameters:, (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn); (EPA 200.7

for: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn); 245.1, SM4500H,B, EPA 120.1, SM2510B, 2540C, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.
Organic Parameters: (EPA 624 for Volatile Halocarbons, Volatile Aromatics),(608 for: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT,Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs-Water), (EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables), 600/4-81-045-PCB-Oil. Microbiology Parameters: (ColilertQT SM9223B; Enterolert-QT: SM9222D-MF.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM 9222B, 9223B, 9215B, EPA 200.7, 200.8, 300.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 332.0. Organic Parameters: 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM9222D, 9221B, 9222B, 9221E-EC, EPA 3005A, 200.7, 200.8, 245.1, SW-846 6010B, 6010C, 6020, 6020A, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 350.2, 351.1, 353.2, 410.4, 420.1, 426C, 1664A, SW-846 9010B, 9030B, 9040B, SM2120B, 2310B, 2320B, 2540B, 2540D, 4500H+B, 4500CL-E, 4500CN-E, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500P-E, 4500-S2-D, 5210B, 5220D, 2510B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D, 3060A. Organic Parameters: SW-846 3510C, 3630C, 5030B, 8260B, 8270C, 8270D, 8330, EPA 624, 625, 608, SW-846 8082, 8082A, 8081A, 8081B, 8151A, 8330, 8270C-SIM, 8270D-SIM.)

Solid & Chemical Materials (Inorganic Parameters: SW-846 6010B, 6010C, 7196A, 7471A, 1010, 1030, 9010, 9012A, 9014, 9030B, 9040B, 9045C, 9050, 9065,1311, 1312, 3005A, 3050B, 3060A. Organic Parameters: SW-846 3540C, 3546, 3050B, 3580A, 3630C, 5030B, 5035, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330, 8151A, 8015B, 8015C, 8082, 8082A, 8081A, 8081B.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9222B, 9221E, 9223B, 9215B, 4500CN-CE, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 200.8, 245.1, 2540C, SM2120B, 2320B, 2510B, 5310C, SM4500H-B. Organic Parameters: EPA 332, 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM5210B, EPA 410.4, SM5220D, 4500Cl-E, EPA 300.0, SM2120B, 2340B, SM4500F-BC, EPA 200.7, 200.8, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310B, C or D, 4500-PE, EPA 420.1, SM510ABC, SM4500P-B5+E, 2540B, 2540C, 2540D, 2540G, EPA 120.1, SM2510B, SM2520B, SM15 426C, 9222D, 9221B, 9221C, 9221E, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, EPA 350.1, 350.2, SW-846 1312, 7470A, 5540C, SM4500H-B, 4500SO3-B, SM3500Cr-D, 4500CN-CE, EPA 245.1, SW-846 9040B, 3005A, 3015, EPA 6010B, 6010C, 6020, 6020A, 7196A, 3060A, SW-846 9010B, 9030B. Organic Parameters: SW-846 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3510C, EPA 608, 624, 625, SW-846 3630C, 5030B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 1,4-Dioxane by NJ Modified 8270, 8015B, NJ EPH.)

Solid & Chemical Materials (Inorganic Parameters: SW-846, 6010B, 6010C, 6020, 6020A, 7196A, 3060A, 9010B, 9030B, 1010, 1030, 1311, 1312, 3005A, 3050B, 7471A, 7471B, 9014, 9012A, 9040B, 9040C, 9045C, 9045D, 9050A, 9065, 9251. Organic Parameters: SW-846 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3540C, 3546, 3580A, 3630C, 5030B, 5035L, 5035H, NJ OQA-QAM-025 Rev.7, NJ EPH.)

New York Department of Health Certificate/Lab ID: 11148. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.2, SM5310C, EPA 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500NO3-F, 2540C, SM 2510B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, 5310C, EPA 410.4, SM5220D, 2310B-4a, 2320B, EPA 200.7, 300.0, SM4500CL-E, 4500F-C, SM15 426C, EPA 350.1, SM4500NH3-BH, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010B, 6010C, 6020, 6020A, EPA 7196A, SM3500Cr-D, EPA 245.1, 245.2, 7470A, SM2120B, LACHAT 10-204-00-1-A, 4500CN-CE, EPA 1664A, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 3005A, 3015, 9010B, 9030B. Organic Parameters: EPA 624, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 625, 608, 8081A, 8081B, 8151A, 8330, 8082, 8082A, EPA 3510C, 5030B.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010, 1030, EPA 6010B, 6010C, 7196A, 7471A, 7471B, 9012A, 9014, 9065, 9050A, EPA 1311, 1312, 3005A, 3050B, 9010B, 9040C, 9045D. Organic Parameters: EPA 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8015B, 8015C, 8081A, 8081B, 8151A, 8330, 8082 8082A, 3540C, 3546, 3580, 3580A, 5030B, 5035H, 5035L.)

North Carolina Department of the Environment and Natural Resources Certificate/Lab ID : 666. (Inorganic Parameters: SM2310B, 2320B, 4500Cl-E, 4500Cn-E, 9014, Lachat 10-204-00-1-X, 1010A, 1030, 4500NO3-F, 353.2, 4500P-E, 4500SO4-E, 300.0, 4500S-D, 5310B, 5310C, 6010C, 6020A, 200.7, 200.8, 3500Cr-B, 7196A, 245.1, 7471A, 7471B, 1311,1312. Organic Parameters: 608, 8081B, 8082A, 624, 8260B, 625, 8270D, 8151A, 8015C, 504.1, MA-EPH, MA-VPH.)

Drinking Water Program Certificate/Lab ID: 25700. (Inorganic Parameters: Chloride EPA 300.0. Organic Parameters: 524.2)

Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: 200.7, 200.8, 245.2, 300.0, 332.0, 2120B, 2320B, 2510B, 2540C, 4500-CN-CE, 4500F-C, 4500H+-B, 4500NO3-F, 5310C. Organic Parameters: EPA 524.2, 504.1)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1312, 3005A,3015, 3060A, 200.7, 200.8, 410.4, 1664A, SM2540D, 5210B, 5220D, 4500-P,BE, 245.1, 300.0, 3501., 350.2, 353.2, 420.1, 6010B, 6010C, 6020, 6020A, 7196A, 7470A, 9010B, 9030B, 9040B, Lachat 10-107-06-2-D, NJ-EPH, 2120B, 2310B, 2320B, 2340B, 2510C, 2540B, 2540C, 3500Cr-D, 436C, 4500CN-CE, 4500Cl-E, 4500F-B, 4500F-C, 4500H+-B, 4500NO2-B, 4500NO3-F, 4500S-D, 4500SO3-B, 5310BCD, 5540C. Organic Parameters: EPA 3510C, 3630C, 5030B, 625, 624, 608, 8081A, 8081B, 8082, 8082A, 8151A, 8260B, 8270C, 8270D, 8330, 8015B,)

Solid & Hazardous Waste (Inorganic Parameters: EPA 350.1, 1010, 1030, 1311, 1312, 3005A, 3050B, 3060A, 6010B, 6010C, 6020A, 7196A, 7471A, 7471B, 9010B, 9012A, 9014, 9040B, 9045C, 9050, 9065, SM 4500NH3-BH, 9030B, 9038, 9251. Organic Parameters: 3540C, 3546, 3580A, 3630C, 5035, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330, NJ-EPH.)

Rhode Island Department of Health Certificate/Lab ID: LAO00065. ***NELAP Accredited via NJ-DEP.***
Refer to MA-DEP Certificate for Potable and Non-Potable Water.
Refer to NJ-DEP Certificate for Potable and Non-Potable Water.

Texas Commisson on Environmental Quality Certificate/Lab ID: T104704476-09-1. ***NELAP Accredited.***
Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 $S2^{-}$D, 510C, 5210B, 5220D, 5310C, 5540C. Organic Parameters: EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

Virginia Division of Consolidated Laboratory Services Certificate/Lab ID: 460195. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: EPA 200.7, 200.8, 300.0, 2510B, 2120B, 2540C, 4500CN-CE, 245.2, 2320B, 4500F-C, 4500F-C, 4500NO3-F, 5310C. Organic Parameters: EPA 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 200.7, 2..08, 245.1, 300.0, 3005A, 3015, 1312, 6010B, 6010C, 3060A, 353.2, 420.1, 6020, 6020A, SM4500S-D, SM4500-CN-CE, Lachat 10-204-00-1-X, 7196A, 7470A, 9010B, 9040B, 2310B, 2320B, 2510B, 2540B, 2540C, 3500Cr-D, 426C, 4500Cl-E, 4500F-B, 4500F-C, 4500PE, 510AC, 5210B, 5310B 5310C, 5540C. Organic Parameters: EPA 3510C, 3630C, 5030B, 8260B, 608, 624, 625, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330,)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010A, 1030, 3060A, 3050B, 1311, 1312, 6010B, 6010C, 6020, , 7196A, 7471A, 7471B, 6020A, 9030B, 9010B, 9012A, 9014 9040B, 9045C, 9050A, 9065. Organic Parameters: EPA 5035, 3540C, 3546, 3550, 3580, 3630C, 8260B, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330.)

Department of Defense, L-A-B Certificate/Lab ID: L2217.
Drinking Water (Inorganic Parameters: SM 4500H-B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: EPA 200.7, 200.8, 6010B, 6010C, 6020, 6020A, 245.1, 245.2, 7470A, 9040B, 9010B, 180.1. 300.0, 332.0, 6860, 353.2, 410.4, 9060, 1664A, SM 4500CN-E, 4500H-B, 4500NO3-F, 4500CL-D, 5220D, 5310C, 2130B, 2320B, 2540C, 3005A, 3015, 9010B, 9056. Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A, 8082, 8082A, 8081A, 8081B, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 200.7, 6010B, 6010C, 7471A, 6860, 1311, 1312, 3050B, 7196A, 9010B, 9012A, 9040B, 9045C, 3500-CR-D, 4500CN-CE, 2540G, Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A/B-prep, 8082, 8082A, 8081A, 8081B, 3540C, 3546, 3580A, 5035A, MassDEP EPH, MassDEP VPH.)

The following analytes are not included in our current NELAP/TNI Scope of Accreditation:
EPA 8260B: Freon-113, 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8330A:** PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C:** Methyl naphthalene, Dimethyl naphthalene, Total Methylnapthalenes, Total Dimethylnaphthalenes, 1,4-Diphenylhydrazine (Azobenzene). **EPA 625:** 4-Chloroaniline, 4-Methylphenol. Total Phosphorus in a soil matrix, Chloride in a soil matrix, TKN in a soil matrix, NO2 in a soil matrix, NO3 in a soil matrix, SO4 in a soil matrix. **EPA 9071:** Total Petroleum Hydrocarbons, Oil & Grease

CHAIN OF CUSTODY

PAGE 1 OF 5

Date Rec'd in Lab: 7/13/12

ALPHA Job #: L1212524

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: ~~BX~~ DGS Woods Hole Group
Address: 81 Technology Park
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)

Date Due: 7/16/12 Time: 24hr

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
TS, Aroclors and High VOC have 24hr TAT, all else is 15 business days, Project-specific EDP, Homogenize before analysis

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC	Low VOC	SVOC, Total Solid, PCB Aroclors	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
12524.1	S-12L-B002-5.5-6.0	7/13/12	0825	SE	DGS	X				ASB-2	D-302
1	S-12L-B002-5.5-6.0						X				2
1	S-12L-B002-5.5-6.0							X		All 3 analyses	1
~~1~~	~~S~~-12L-B002-5.5-6.0								X	Archive	1
2	S-12L-B002-5.5-6.0 REP					X				REP	1
2	S-12L-B002-5.5-6.0 REP						X			REP	2
2	S-12L-B002-5.5-6.0 REP							X		All 3 analyses REP	1
~~2~~	~~S~~-12L-B002-5.5-6.0 REP								X	Archive REP	1
3	TB-071312-01		1600		DGS	X				Trip Blank #1	2
3	TB-071312-02		1600		DGS		X			Trip Blank #2	2
					Container Type	V	V	A	A		
					Preservative	R	O	A	A		

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	7.13.12 2045	[signature]	7/13/12 2045

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

CHAIN OF CUSTODY

PAGE 2 OF 5

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 7/13/12

ALPHA Job #: L1212524

Client Information
Client: Woods Hole Group
Address: 81 Technology Park
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM
☐ These samples have been previously analyzed by Alpha

Project Information
Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time
☐ Standard ☒ RUSH (only confirmed if pre-approved!)
Date Due: 7/16/12 Time: 24 hr

Report Information - Data Deliverables
☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information
☐ Same as Client info PO #:

Regulatory Requirements/Report Limits
State /Fed Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO
☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:
If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
TS, Aroclors and High VOC have 24 hr TAT, everything else is 15 business days. Project Specific EDP. Homogenize before analysis

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC	Low VOC	SVOC, Total Solids, PCB Congeners (Archive)	PCB Congeners (Archive)								Sample Specific Comments	TOTAL # BOTTLES
12524.4	TB-071312-03	7/6/12			KR	X											Trip Blank #3 EB	2
5	EB-071312-02	7/13/12	1350	SW	DRV	X											Equip. Blank core	2
5	EB-071312-02	"	1350	SW	DRV			X									Equip Blank Aroclors + SVOC only	4
6	S-12L-B002-8.0-8.5	7/13/12	0845	SB	DGS	X												1
6	S-12L-B002-8.0-8.5						X											2
6	S-12L-B002-8.0-8.5							X									All 3 analyses	1
6	S-12L-B002-8.0-8.5								X								Archive	1
7	S-12L-B002-12-12.5		0930			X												1
7	S-12L-B002-12-12.5						X											2
7	S-12L-B002-12-12.5							X									All 3 Analyses	1

Container Type	V	V	A	A													
Preservative	F	O	A	A													

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
	7.13.12 2045		7/13/12 2048

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Deliverables Order -05 April 2013

Sediment Boring Collection and Analysis Off the Former Aerovox Site Property Shoreline W912WJ-09-D-0001

CHAIN OF CUSTODY

PAGE 3 OF 5

Date Rec'd in Lab: 7/13/12

ALPHA Job #: L1212524

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)
Date Due: 7/16/12 Time: 24 hr

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
TS, Aroclor and High VOC have 24 hr TAT, all else is 15 business days. Project-specific EDD, Homogenize before ananlysis

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC	Low VOC	SVOC, Total Solid, PCB Aroclors	PCB Congeners (Archive)	SAMPLE HANDLING	Sample Specific Comments	TOTAL # BOTTLES
12524.7	S-12L-B002-12-12.5	7/13/12	0930	SB	DGS				X		Archive	1
8	S-12L-B002-14-14.5					X						1
8	S-12L-B002-14-14.5						X					2
8	S-12L-B002-14-14.5							X			All 3 analyses	1
8	S-12L-B002-14-14.5								X		Archive	1
9	S-12L-B002-17.5-18		1000			X						1
9	S-12L-B002-17.5-18						X					2
9	S-12L-B002-17.5-18							X			All 3 analyses	1
9	S-12L-B002-17.5-18								X		Archive	1
9	S-12L-B002-17.5-18 MS/MSD					X					MS/MSD	1

Container Type	V	V	A	A
Preservative	F	O	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
	7.13.12 2045		7/13/12 2045

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Sediment Boring Collection and Analysis Off the Former Aerovox Site Property Shoreline W912WJ-09-D-0001

Delivery Order -05 April 2013

CHAIN OF CUSTODY

PAGE 4 OF 5

Date Rec'd in Lab: 7/13/12

ALPHA Job #: L1212524

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)

Date Due: 7/16/12 Time: 24 hr

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
TS, Aroclor and High VOC have 24 hr TAT, all else is 15 business days.
Project-specific EDD, Homogenize before analysis

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
12524.9	S-12L-B002-17.5-18MSMSD	7/13/12	1000	SE	DGS		X			MSMSD	1
9	S-12L-B002-17.5-18MSMSD							X		MSMSD, all 3 analyses	1
~~9~~	S-12L-B002-17.5-18MSMSD								X	MSMSD, Archive	1
10	S-12L-B002-19.5-20		1000			X					1
10	S-12L-B002-19.5-20						X				2
10	S-12L-B002-19.5-20							X		All 3 analyses	1
~~10~~	S-12L-B002-19.5-20								X	Archive	1
11	S-12L-B002-24-24.5		1050			X					1
11	S-12L-B002-24-24.5						X				2
11	S-12L-B002-24-24.5							X		All 3 analyses	1

Container Type	V	V	A	A
Preservative	R	O	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	7.13.12 2045	[signature]	7/13/12 2045

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FORM NO: 01-01 (rev. 18-Jan-2010)

CHAIN OF CUSTODY

PAGE 5 OF 5

Date Rec'd in Lab: 7/13/12

ALPHA Job #: L1212524

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: WOODS Hole Group
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Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)

Date Due: 7/16/12 Time: 24 hr

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

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(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
TS, Aroclor, High VOC have 24 hr TAT, all else is 15 business days
Project-specific EDD, Homogenize before analysis

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
12524. ~~11~~	S-12L-B002-24-24.5	7/13/12	1050	SE	DGS				X	Archive	~~D-50~~
12	S-12L-B002-24.5-25					X					1
12	S-12L-B002-24.5-25						X				2
12	S-12L-B002-24.5-25							X		All 3 analyses	1
~~12~~	S-12L-B002-24.5-25								X	Archive	1

Container Type	V	V	A	A
Preservative	F	O	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	7.13.12 2045	[signature]	7/13/12 2045

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FORM NO: 01-01 (rev. 18-Jan-2010)

ANALYTICAL REPORT

Lab Number:	L1212527
Client:	Woods Hole Group 81 Technology Park Drive East Falmouth, MA 02536
ATTN:	Dave Walsh
Phone:	(508) 540-8080
Project Name:	NEW BEDFORD AEROVOX
Project Number:	TO-0010-05
Report Date:	08/16/12

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212527
Report Date: 08/16/12

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1212527-01	S-12L-B002-5.5-6.0	NEW BEDFORD, MA	07/13/12 08:25
L1212527-02	S-12L-B002-5.5-6.0 REP	NEW BEDFORD, MA	07/13/12 08:25
L1212527-03	EB-071312-02	NEW BEDFORD, MA	07/13/12 13:50
L1212527-04	S-12L-B002-8.0-8.5	NEW BEDFORD, MA	07/13/12 08:45
L1212527-05	S-12L-B002-12-12.5	NEW BEDFORD, MA	07/13/12 09:30
L1212527-06	S-12L-B002-14-14.5	NEW BEDFORD, MA	07/13/12 09:30
L1212527-07	S-12L-B002-17.5-18	NEW BEDFORD, MA	07/13/12 10:00
L1212527-08	S-12L-B002-19.5-20	NEW BEDFORD, MA	07/13/12 10:00
L1212527-09	S-12L-B002-24-24.5	NEW BEDFORD, MA	07/13/12 10:50
L1212527-10	S-12L-B002-24.5-25	NEW BEDFORD, MA	07/13/12 10:50
L1212527-11	TB-071312-02	NEW BEDFORD, MA	07/13/12 00:00

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212527
Project Number: TO-0010-05 **Report Date:** 08/16/12

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples free of charge for 30 days from the date the project is completed. After 30 days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples.

Please contact Client Services at 800-624-9220 with any questions.

Project Name:	NEW BEDFORD AEROVOX	**Lab Number:**	L1212527
Project Number:	TO-0010-05	**Report Date:**	08/16/12

Case Narrative (continued)

Report Submission

This report replaces the report issued on July 30, 2012. The sample matrix has been changed from Soil to Sediment, and the QC analyte lists have been amended to match the samples for the Volatile and Semivolatile Organics analyses.

Volatile Organics

Samples that were non-detect when analyzed high level originally in L1212524 are found within this report.
The WG550553-4/-5 MS/MSD recoveries, performed on L1212527-07, were outside the acceptance criteria for Carbon tetrachloride (MS at 131%), Chloromethane (133%/142%), Vinyl chloride (MS at 135%), Trichloroethene (460%/895%), cis-1,2-Dichloroethene (172%/246%) and Acetone (MS at 0%).
The WG550553-4/-5 MS/MSD RPDs, performed on L1212527-07, are above the acceptance criteria for several compounds.
The WG550553-4/-5 MS/MSD recoveries, performed on L1212527-07, are below the acceptance criteria for Methyl Acetate (0%/0%), and Cyclohexane (MSD at 0%) due to the concentration of these compounds falling below the reported detection limit.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Cynthia McQueen

Title: Technical Director/Representative Date: 08/16/12

ORGANICS

VOLATILES

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212527

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212527-07	Date Collected:	07/13/12 10:00
Client ID:	S-12L-B002-17.5-18	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/23/12 17:29		
Analyst:	BN		
Percent Solids:	92%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	19	--	1
1,1-Dichloroethane	ND		ug/kg	3.7	--	1
Chloroform	ND		ug/kg	3.7	--	1
Carbon tetrachloride	ND		ug/kg	3.7	--	1
1,2-Dichloropropane	ND		ug/kg	7.5	--	1
Dibromochloromethane	ND		ug/kg	3.7	--	1
1,1,2-Trichloroethane	ND		ug/kg	3.7	--	1
Tetrachloroethene	ND		ug/kg	3.7	--	1
Chlorobenzene	ND		ug/kg	3.7	--	1
Trichlorofluoromethane	ND		ug/kg	9.4	--	1
1,2-Dichloroethane	ND		ug/kg	3.7	--	1
1,1,1-Trichloroethane	ND		ug/kg	3.7	--	1
Bromodichloromethane	ND		ug/kg	3.7	--	1
trans-1,3-Dichloropropene	ND		ug/kg	3.7	--	1
cis-1,3-Dichloropropene	ND		ug/kg	3.7	--	1
Bromoform	ND		ug/kg	7.5	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	3.7	--	1
Benzene	ND		ug/kg	3.7	--	1
Toluene	ND		ug/kg	3.7	--	1
Ethylbenzene	ND		ug/kg	3.7	--	1
Chloromethane	ND		ug/kg	9.4	--	1
Bromomethane	ND		ug/kg	3.7	--	1
Vinyl chloride	ND		ug/kg	3.7	--	1
Chloroethane	ND		ug/kg	3.7	--	1
1,1-Dichloroethene	ND		ug/kg	3.7	--	1
trans-1,2-Dichloroethene	ND		ug/kg	3.7	--	1
Trichloroethene	98		ug/kg	3.7	--	1
1,2-Dichlorobenzene	ND		ug/kg	9.4	--	1
1,3-Dichlorobenzene	ND		ug/kg	9.4	--	1
1,4-Dichlorobenzene	ND		ug/kg	9.4	--	1
Methyl tert butyl ether	ND		ug/kg	3.7	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212527

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212527-07 Date Collected: 07/13/12 10:00

Client ID: S-12L-B002-17.5-18 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	7.5	--	1
o-Xylene	ND		ug/kg	7.5	--	1
Xylenes, Total	ND		ug/kg	7.5	--	1
cis-1,2-Dichloroethene	6.9		ug/kg	3.7	--	1
Styrene	ND		ug/kg	7.5	--	1
Dichlorodifluoromethane	ND		ug/kg	19	--	1
Acetone	ND		ug/kg	67	--	1
Carbon disulfide	ND		ug/kg	19	--	1
2-Butanone	ND		ug/kg	19	--	1
4-Methyl-2-pentanone	ND		ug/kg	19	--	1
2-Hexanone	ND		ug/kg	19	--	1
Bromochloromethane	ND		ug/kg	9.4	--	1
1,2-Dibromoethane	ND		ug/kg	7.5	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	9.4	--	1
Isopropylbenzene	ND		ug/kg	3.7	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	9.4	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	9.4	--	1
Methyl Acetate	ND		ug/kg	37	--	1
Cyclohexane	ND		ug/kg	37	--	1
1,4-Dioxane	ND		ug/kg	190	--	1
Methyl cyclohexane	ND		ug/kg	7.5	--	1
Freon-113	ND		ug/kg	37	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	112		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212527

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212527-08	Date Collected:	07/13/12 10:00
Client ID:	S-12L-B002-19.5-20	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/23/12 19:13		
Analyst:	BN		
Percent Solids:	87%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	19	--	1
1,1-Dichloroethane	ND		ug/kg	3.8	--	1
Chloroform	ND		ug/kg	3.8	--	1
Carbon tetrachloride	ND		ug/kg	3.8	--	1
1,2-Dichloropropane	ND		ug/kg	7.7	--	1
Dibromochloromethane	ND		ug/kg	3.8	--	1
1,1,2-Trichloroethane	ND		ug/kg	3.8	--	1
Tetrachloroethene	ND		ug/kg	3.8	--	1
Chlorobenzene	ND		ug/kg	3.8	--	1
Trichlorofluoromethane	ND		ug/kg	9.6	--	1
1,2-Dichloroethane	ND		ug/kg	3.8	--	1
1,1,1-Trichloroethane	ND		ug/kg	3.8	--	1
Bromodichloromethane	ND		ug/kg	3.8	--	1
trans-1,3-Dichloropropene	ND		ug/kg	3.8	--	1
cis-1,3-Dichloropropene	ND		ug/kg	3.8	--	1
Bromoform	ND		ug/kg	7.7	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	3.8	--	1
Benzene	ND		ug/kg	3.8	--	1
Toluene	ND		ug/kg	3.8	--	1
Ethylbenzene	ND		ug/kg	3.8	--	1
Chloromethane	ND		ug/kg	9.6	--	1
Bromomethane	ND		ug/kg	3.8	--	1
Vinyl chloride	ND		ug/kg	3.8	--	1
Chloroethane	ND		ug/kg	3.8	--	1
1,1-Dichloroethene	ND		ug/kg	3.8	--	1
trans-1,2-Dichloroethene	ND		ug/kg	3.8	--	1
Trichloroethene	18		ug/kg	3.8	--	1
1,2-Dichlorobenzene	ND		ug/kg	9.6	--	1
1,3-Dichlorobenzene	ND		ug/kg	9.6	--	1
1,4-Dichlorobenzene	ND		ug/kg	9.6	--	1
Methyl tert butyl ether	ND		ug/kg	3.8	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212527

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212527-08 Date Collected: 07/13/12 10:00

Client ID: S-12L-B002-19.5-20 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	7.7	--	1
o-Xylene	ND		ug/kg	7.7	--	1
Xylenes, Total	ND		ug/kg	7.7	--	1
cis-1,2-Dichloroethene	ND		ug/kg	3.8	--	1
Styrene	ND		ug/kg	7.7	--	1
Dichlorodifluoromethane	ND		ug/kg	19	--	1
Acetone	ND		ug/kg	69	--	1
Carbon disulfide	ND		ug/kg	19	--	1
2-Butanone	ND		ug/kg	19	--	1
4-Methyl-2-pentanone	ND		ug/kg	19	--	1
2-Hexanone	ND		ug/kg	19	--	1
Bromochloromethane	ND		ug/kg	9.6	--	1
1,2-Dibromoethane	ND		ug/kg	7.7	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	9.6	--	1
Isopropylbenzene	ND		ug/kg	3.8	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	9.6	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	9.6	--	1
Methyl Acetate	ND		ug/kg	38	--	1
Cyclohexane	ND		ug/kg	38	--	1
1,4-Dioxane	ND		ug/kg	190	--	1
Methyl cyclohexane	ND		ug/kg	7.7	--	1
Freon-113	ND		ug/kg	38	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	110		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212527

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212527-09	Date Collected:	07/13/12 10:50
Client ID:	S-12L-B002-24-24.5	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/25/12 16:32		
Analyst:	BN		
Percent Solids:	89%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	16	--	1
1,1-Dichloroethane	ND		ug/kg	3.2	--	1
Chloroform	ND		ug/kg	3.2	--	1
Carbon tetrachloride	ND		ug/kg	3.2	--	1
1,2-Dichloropropane	ND		ug/kg	6.4	--	1
Dibromochloromethane	ND		ug/kg	3.2	--	1
1,1,2-Trichloroethane	ND		ug/kg	3.2	--	1
Tetrachloroethene	ND		ug/kg	3.2	--	1
Chlorobenzene	ND		ug/kg	3.2	--	1
Trichlorofluoromethane	ND		ug/kg	8.0	--	1
1,2-Dichloroethane	ND		ug/kg	3.2	--	1
1,1,1-Trichloroethane	ND		ug/kg	3.2	--	1
Bromodichloromethane	ND		ug/kg	3.2	--	1
trans-1,3-Dichloropropene	ND		ug/kg	3.2	--	1
cis-1,3-Dichloropropene	ND		ug/kg	3.2	--	1
Bromoform	ND		ug/kg	6.4	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	3.2	--	1
Benzene	ND		ug/kg	3.2	--	1
Toluene	ND		ug/kg	3.2	--	1
Ethylbenzene	ND		ug/kg	3.2	--	1
Chloromethane	ND		ug/kg	8.0	--	1
Bromomethane	ND		ug/kg	3.2	--	1
Vinyl chloride	ND		ug/kg	3.2	--	1
Chloroethane	ND		ug/kg	3.2	--	1
1,1-Dichloroethene	ND		ug/kg	3.2	--	1
trans-1,2-Dichloroethene	ND		ug/kg	3.2	--	1
Trichloroethene	24		ug/kg	3.2	--	1
1,2-Dichlorobenzene	ND		ug/kg	8.0	--	1
1,3-Dichlorobenzene	ND		ug/kg	8.0	--	1
1,4-Dichlorobenzene	ND		ug/kg	8.0	--	1
Methyl tert butyl ether	ND		ug/kg	3.2	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212527

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212527-09 Date Collected: 07/13/12 10:50

Client ID: S-12L-B002-24-24.5 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	6.4	--	1
o-Xylene	ND		ug/kg	6.4	--	1
Xylenes, Total	ND		ug/kg	6.4	--	1
cis-1,2-Dichloroethene	3.8		ug/kg	3.2	--	1
Styrene	ND		ug/kg	6.4	--	1
Dichlorodifluoromethane	ND		ug/kg	16	--	1
Acetone	ND		ug/kg	58	--	1
Carbon disulfide	ND		ug/kg	16	--	1
2-Butanone	ND		ug/kg	16	--	1
4-Methyl-2-pentanone	ND		ug/kg	16	--	1
2-Hexanone	ND		ug/kg	16	--	1
Bromochloromethane	ND		ug/kg	8.0	--	1
1,2-Dibromoethane	ND		ug/kg	6.4	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	8.0	--	1
Isopropylbenzene	ND		ug/kg	3.2	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	8.0	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	8.0	--	1
Methyl Acetate	ND		ug/kg	32	--	1
Cyclohexane	ND		ug/kg	32	--	1
1,4-Dioxane	ND		ug/kg	160	--	1
Methyl cyclohexane	ND		ug/kg	6.4	--	1
Freon-113	ND		ug/kg	32	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	111		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212527

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212527-10	Date Collected:	07/13/12 10:50
Client ID:	S-12L-B002-24.5-25	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/24/12 10:02		
Analyst:	BN		
Percent Solids:	85%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	49	--	1
1,1-Dichloroethane	ND		ug/kg	9.8	--	1
Chloroform	ND		ug/kg	9.8	--	1
Carbon tetrachloride	ND		ug/kg	9.8	--	1
1,2-Dichloropropane	ND		ug/kg	20	--	1
Dibromochloromethane	ND		ug/kg	9.8	--	1
1,1,2-Trichloroethane	ND		ug/kg	9.8	--	1
Tetrachloroethene	ND		ug/kg	9.8	--	1
Chlorobenzene	ND		ug/kg	9.8	--	1
Trichlorofluoromethane	ND		ug/kg	24	--	1
1,2-Dichloroethane	ND		ug/kg	9.8	--	1
1,1,1-Trichloroethane	ND		ug/kg	9.8	--	1
Bromodichloromethane	ND		ug/kg	9.8	--	1
trans-1,3-Dichloropropene	ND		ug/kg	9.8	--	1
cis-1,3-Dichloropropene	ND		ug/kg	9.8	--	1
Bromoform	ND		ug/kg	20	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	9.8	--	1
Benzene	ND		ug/kg	9.8	--	1
Toluene	ND		ug/kg	9.8	--	1
Ethylbenzene	ND		ug/kg	9.8	--	1
Chloromethane	ND		ug/kg	24	--	1
Bromomethane	ND		ug/kg	9.8	--	1
Vinyl chloride	ND		ug/kg	9.8	--	1
Chloroethane	ND		ug/kg	9.8	--	1
1,1-Dichloroethene	ND		ug/kg	9.8	--	1
trans-1,2-Dichloroethene	ND		ug/kg	9.8	--	1
Trichloroethene	57		ug/kg	9.8	--	1
1,2-Dichlorobenzene	ND		ug/kg	24	--	1
1,3-Dichlorobenzene	ND		ug/kg	24	--	1
1,4-Dichlorobenzene	ND		ug/kg	24	--	1
Methyl tert butyl ether	ND		ug/kg	9.8	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212527

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212527-10 Date Collected: 07/13/12 10:50

Client ID: S-12L-B002-24.5-25 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	20	--	1
o-Xylene	ND		ug/kg	20	--	1
Xylenes, Total	ND		ug/kg	20	--	1
cis-1,2-Dichloroethene	ND		ug/kg	9.8	--	1
Styrene	ND		ug/kg	20	--	1
Dichlorodifluoromethane	ND		ug/kg	49	--	1
Acetone	ND		ug/kg	180	--	1
Carbon disulfide	ND		ug/kg	49	--	1
2-Butanone	ND		ug/kg	49	--	1
4-Methyl-2-pentanone	ND		ug/kg	49	--	1
2-Hexanone	ND		ug/kg	49	--	1
Bromochloromethane	ND		ug/kg	24	--	1
1,2-Dibromoethane	ND		ug/kg	20	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	24	--	1
Isopropylbenzene	ND		ug/kg	9.8	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	24	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	24	--	1
Methyl Acetate	ND		ug/kg	98	--	1
Cyclohexane	ND		ug/kg	98	--	1
1,4-Dioxane	ND		ug/kg	490	--	1
Methyl cyclohexane	ND		ug/kg	20	--	1
Freon-113	ND		ug/kg	98	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	102		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212527

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212527-11	Date Collected:	07/13/12 00:00
Client ID:	TB-071312-02	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/25/12 17:07		
Analyst:	BN		
Percent Solids:	Results reported on an 'AS RECEIVED' basis.		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	10	--	1
1,1-Dichloroethane	ND		ug/kg	2.0	--	1
Chloroform	ND		ug/kg	2.0	--	1
Carbon tetrachloride	ND		ug/kg	2.0	--	1
1,2-Dichloropropane	ND		ug/kg	4.0	--	1
Dibromochloromethane	ND		ug/kg	2.0	--	1
1,1,2-Trichloroethane	ND		ug/kg	2.0	--	1
Tetrachloroethene	ND		ug/kg	2.0	--	1
Chlorobenzene	ND		ug/kg	2.0	--	1
Trichlorofluoromethane	ND		ug/kg	5.0	--	1
1,2-Dichloroethane	ND		ug/kg	2.0	--	1
1,1,1-Trichloroethane	ND		ug/kg	2.0	--	1
Bromodichloromethane	ND		ug/kg	2.0	--	1
trans-1,3-Dichloropropene	ND		ug/kg	2.0	--	1
cis-1,3-Dichloropropene	ND		ug/kg	2.0	--	1
Bromoform	ND		ug/kg	4.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.0	--	1
Benzene	ND		ug/kg	2.0	--	1
Toluene	ND		ug/kg	2.0	--	1
Ethylbenzene	ND		ug/kg	2.0	--	1
Chloromethane	ND		ug/kg	5.0	--	1
Bromomethane	ND		ug/kg	2.0	--	1
Vinyl chloride	ND		ug/kg	2.0	--	1
Chloroethane	ND		ug/kg	2.0	--	1
1,1-Dichloroethene	ND		ug/kg	2.0	--	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	--	1
Trichloroethene	ND		ug/kg	2.0	--	1
1,2-Dichlorobenzene	ND		ug/kg	5.0	--	1
1,3-Dichlorobenzene	ND		ug/kg	5.0	--	1
1,4-Dichlorobenzene	ND		ug/kg	5.0	--	1
Methyl tert butyl ether	ND		ug/kg	2.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212527

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212527-11 Date Collected: 07/13/12 00:00

Client ID: TB-071312-02 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	4.0	--	1
o-Xylene	ND		ug/kg	4.0	--	1
Xylenes, Total	ND		ug/kg	4.0	--	1
cis-1,2-Dichloroethene	ND		ug/kg	2.0	--	1
Styrene	ND		ug/kg	4.0	--	1
Dichlorodifluoromethane	ND		ug/kg	10	--	1
Acetone	ND		ug/kg	36	--	1
Carbon disulfide	ND		ug/kg	10	--	1
2-Butanone	ND		ug/kg	10	--	1
4-Methyl-2-pentanone	ND		ug/kg	10	--	1
2-Hexanone	ND		ug/kg	10	--	1
Bromochloromethane	ND		ug/kg	5.0	--	1
1,2-Dibromoethane	ND		ug/kg	4.0	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	--	1
Isopropylbenzene	ND		ug/kg	2.0	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	--	1
Methyl Acetate	ND		ug/kg	20	--	1
Cyclohexane	ND		ug/kg	20	--	1
1,4-Dioxane	ND		ug/kg	100	--	1
Methyl cyclohexane	ND		ug/kg	4.0	--	1
Freon-113	ND		ug/kg	20	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	110		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212527

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/23/12 10:34
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 07-08 Batch: WG550553-3					
Methylene chloride	ND		ug/kg	10	--
1,1-Dichloroethane	ND		ug/kg	2.0	--
Chloroform	ND		ug/kg	2.0	--
Carbon tetrachloride	ND		ug/kg	2.0	--
1,2-Dichloropropane	ND		ug/kg	4.0	--
Dibromochloromethane	ND		ug/kg	2.0	--
1,1,2-Trichloroethane	ND		ug/kg	2.0	--
Tetrachloroethene	ND		ug/kg	2.0	--
Chlorobenzene	ND		ug/kg	2.0	--
Trichlorofluoromethane	ND		ug/kg	5.0	--
1,2-Dichloroethane	ND		ug/kg	2.0	--
1,1,1-Trichloroethane	ND		ug/kg	2.0	--
Bromodichloromethane	ND		ug/kg	2.0	--
trans-1,3-Dichloropropene	ND		ug/kg	2.0	--
cis-1,3-Dichloropropene	ND		ug/kg	2.0	--
Bromoform	ND		ug/kg	4.0	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.0	--
Benzene	ND		ug/kg	2.0	--
Toluene	ND		ug/kg	2.0	--
Ethylbenzene	ND		ug/kg	2.0	--
Chloromethane	ND		ug/kg	5.0	--
Bromomethane	ND		ug/kg	2.0	--
Vinyl chloride	ND		ug/kg	2.0	--
Chloroethane	ND		ug/kg	2.0	--
1,1-Dichloroethene	ND		ug/kg	2.0	--
trans-1,2-Dichloroethene	ND		ug/kg	2.0	--
Trichloroethene	ND		ug/kg	2.0	--
1,2-Dichlorobenzene	ND		ug/kg	5.0	--
1,3-Dichlorobenzene	ND		ug/kg	5.0	--
1,4-Dichlorobenzene	ND		ug/kg	5.0	--
Methyl tert butyl ether	ND		ug/kg	2.0	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212527

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/23/12 10:34
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 07-08 Batch: WG550553-3					
p/m-Xylene	ND		ug/kg	4.0	--
o-Xylene	ND		ug/kg	4.0	--
Xylenes, Total	ND		ug/kg	4.0	--
cis-1,2-Dichloroethene	ND		ug/kg	2.0	--
Styrene	ND		ug/kg	4.0	--
Dichlorodifluoromethane	ND		ug/kg	10	--
Acetone	ND		ug/kg	36	--
Carbon disulfide	ND		ug/kg	10	--
2-Butanone	ND		ug/kg	10	--
4-Methyl-2-pentanone	ND		ug/kg	10	--
2-Hexanone	ND		ug/kg	10	--
Bromochloromethane	ND		ug/kg	5.0	--
1,2-Dibromoethane	ND		ug/kg	4.0	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	--
Isopropylbenzene	ND		ug/kg	2.0	--
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	--
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	--
Methyl Acetate	ND		ug/kg	20	--
Cyclohexane	ND		ug/kg	20	--
1,4-Dioxane	ND		ug/kg	100	--
Methyl cyclohexane	ND		ug/kg	4.0	--
Freon-113	ND		ug/kg	20	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	125		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	116		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212527

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/24/12 09:34
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 10 Batch: WG550848-3					
Methylene chloride	ND		ug/kg	10	--
1,1-Dichloroethane	ND		ug/kg	2.0	--
Chloroform	ND		ug/kg	2.0	--
Carbon tetrachloride	ND		ug/kg	2.0	--
1,2-Dichloropropane	ND		ug/kg	4.0	--
Dibromochloromethane	ND		ug/kg	2.0	--
1,1,2-Trichloroethane	ND		ug/kg	2.0	--
Tetrachloroethene	ND		ug/kg	2.0	--
Chlorobenzene	ND		ug/kg	2.0	--
Trichlorofluoromethane	ND		ug/kg	5.0	--
1,2-Dichloroethane	ND		ug/kg	2.0	--
1,1,1-Trichloroethane	ND		ug/kg	2.0	--
Bromodichloromethane	ND		ug/kg	2.0	--
trans-1,3-Dichloropropene	ND		ug/kg	2.0	--
cis-1,3-Dichloropropene	ND		ug/kg	2.0	--
Bromoform	ND		ug/kg	4.0	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.0	--
Benzene	ND		ug/kg	2.0	--
Toluene	ND		ug/kg	2.0	--
Ethylbenzene	ND		ug/kg	2.0	--
Chloromethane	ND		ug/kg	5.0	--
Bromomethane	ND		ug/kg	2.0	--
Vinyl chloride	ND		ug/kg	2.0	--
Chloroethane	ND		ug/kg	2.0	--
1,1-Dichloroethene	ND		ug/kg	2.0	--
trans-1,2-Dichloroethene	ND		ug/kg	2.0	--
Trichloroethene	ND		ug/kg	2.0	--
1,2-Dichlorobenzene	ND		ug/kg	5.0	--
1,3-Dichlorobenzene	ND		ug/kg	5.0	--
1,4-Dichlorobenzene	ND		ug/kg	5.0	--
Methyl tert butyl ether	ND		ug/kg	2.0	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212527

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/24/12 09:34
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 10 Batch: WG550848-3					
p/m-Xylene	ND		ug/kg	4.0	--
o-Xylene	ND		ug/kg	4.0	--
Xylenes, Total	ND		ug/kg	4.0	--
cis-1,2-Dichloroethene	ND		ug/kg	2.0	--
Styrene	ND		ug/kg	4.0	--
Dichlorodifluoromethane	ND		ug/kg	10	--
Acetone	ND		ug/kg	36	--
Carbon disulfide	ND		ug/kg	10	--
2-Butanone	ND		ug/kg	10	--
4-Methyl-2-pentanone	ND		ug/kg	10	--
2-Hexanone	ND		ug/kg	10	--
Bromochloromethane	ND		ug/kg	5.0	--
1,2-Dibromoethane	ND		ug/kg	4.0	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	--
Isopropylbenzene	ND		ug/kg	2.0	--
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	--
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	--
Methyl Acetate	ND		ug/kg	20	--
Cyclohexane	ND		ug/kg	20	--
1,4-Dioxane	ND		ug/kg	100	--
Methyl cyclohexane	ND		ug/kg	4.0	--
Freon-113	ND		ug/kg	20	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	101		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212527

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/25/12 09:06
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 09,11 Batch: WG551346-3					
Methylene chloride	ND		ug/kg	10	--
1,1-Dichloroethane	ND		ug/kg	2.0	--
Chloroform	ND		ug/kg	2.0	--
Carbon tetrachloride	ND		ug/kg	2.0	--
1,2-Dichloropropane	ND		ug/kg	4.0	--
Dibromochloromethane	ND		ug/kg	2.0	--
1,1,2-Trichloroethane	ND		ug/kg	2.0	--
Tetrachloroethene	ND		ug/kg	2.0	--
Chlorobenzene	ND		ug/kg	2.0	--
Trichlorofluoromethane	ND		ug/kg	5.0	--
1,2-Dichloroethane	ND		ug/kg	2.0	--
1,1,1-Trichloroethane	ND		ug/kg	2.0	--
Bromodichloromethane	ND		ug/kg	2.0	--
trans-1,3-Dichloropropene	ND		ug/kg	2.0	--
cis-1,3-Dichloropropene	ND		ug/kg	2.0	--
Bromoform	ND		ug/kg	4.0	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.0	--
Benzene	ND		ug/kg	2.0	--
Toluene	ND		ug/kg	2.0	--
Ethylbenzene	ND		ug/kg	2.0	--
Chloromethane	ND		ug/kg	5.0	--
Bromomethane	ND		ug/kg	2.0	--
Vinyl chloride	ND		ug/kg	2.0	--
Chloroethane	ND		ug/kg	2.0	--
1,1-Dichloroethene	ND		ug/kg	2.0	--
trans-1,2-Dichloroethene	ND		ug/kg	2.0	--
Trichloroethene	ND		ug/kg	2.0	--
1,2-Dichlorobenzene	ND		ug/kg	5.0	--
1,3-Dichlorobenzene	ND		ug/kg	5.0	--
1,4-Dichlorobenzene	ND		ug/kg	5.0	--
Methyl tert butyl ether	ND		ug/kg	2.0	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212527

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/25/12 09:06
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 09,11 Batch: WG551346-3					
p/m-Xylene	ND		ug/kg	4.0	--
o-Xylene	ND		ug/kg	4.0	--
Xylenes, Total	ND		ug/kg	4.0	--
cis-1,2-Dichloroethene	ND		ug/kg	2.0	--
Styrene	ND		ug/kg	4.0	--
Dichlorodifluoromethane	ND		ug/kg	10	--
Acetone	ND		ug/kg	36	--
Carbon disulfide	ND		ug/kg	10	--
2-Butanone	ND		ug/kg	10	--
4-Methyl-2-pentanone	ND		ug/kg	10	--
2-Hexanone	ND		ug/kg	10	--
Bromochloromethane	ND		ug/kg	5.0	--
1,2-Dibromoethane	ND		ug/kg	4.0	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	--
Isopropylbenzene	ND		ug/kg	2.0	--
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	--
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	--
Methyl Acetate	ND		ug/kg	20	--
Cyclohexane	ND		ug/kg	20	--
1,4-Dioxane	ND		ug/kg	100	--
Methyl cyclohexane	ND		ug/kg	4.0	--
Freon-113	ND		ug/kg	20	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	108		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212527

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 07-08 Batch: WG550553-1 WG550553-2								
Methylene chloride	101		98		70-130	3		30
1,1-Dichloroethane	99		99		70-130	0		30
Chloroform	106		106		70-130	0		30
Carbon tetrachloride	127		124		70-130	2		30
1,2-Dichloropropane	91		90		70-130	1		30
Dibromochloromethane	110		102		70-130	8		30
1,1,2-Trichloroethane	96		92		70-130	4		30
Tetrachloroethene	111		113		70-130	2		30
Chlorobenzene	98		99		70-130	1		30
Trichlorofluoromethane	121		122		70-139	1		30
1,2-Dichloroethane	114		110		70-130	4		30
1,1,1-Trichloroethane	114		115		70-130	1		30
Bromodichloromethane	108		104		70-130	4		30
trans-1,3-Dichloropropene	90		85		70-130	6		30
cis-1,3-Dichloropropene	97		94		70-130	3		30
Bromoform	103		99		70-130	4		30
1,1,2,2-Tetrachloroethane	88		86		70-130	2		30
Benzene	95		95		70-130	0		30
Toluene	96		97		70-130	1		30
Ethylbenzene	100		103		70-130	3		30
Chloromethane	96		105		52-130	9		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212527

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 07-08 Batch: WG550553-1 WG550553-2								
Bromomethane	102		114		57-147	11		30
Vinyl chloride	115		124		67-130	8		30
Chloroethane	98		103		50-151	5		30
1,1-Dichloroethene	100		103		65-135	3		30
trans-1,2-Dichloroethene	100		101		70-130	1		30
Trichloroethene	103		102		70-130	1		30
1,2-Dichlorobenzene	96		98		70-130	2		30
1,3-Dichlorobenzene	96		100		70-130	4		30
1,4-Dichlorobenzene	96		98		70-130	2		30
Methyl tert butyl ether	102		99		66-130	3		30
p/m-Xylene	99		104		70-130	5		30
o-Xylene	101		104		70-130	3		30
cis-1,2-Dichloroethene	99		100		70-130	1		30
Styrene	100		103		70-130	3		30
Dichlorodifluoromethane	105		112		30-146	6		30
Acetone	104		103		54-140	1		30
Carbon disulfide	92		95		59-130	3		30
2-Butanone	95		94		70-130	1		30
4-Methyl-2-pentanone	89		90		70-130	1		30
2-Hexanone	94		90		70-130	4		30
Bromochloromethane	100		97		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212527

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 07-08 Batch: WG550553-1 WG550553-2								
1,2-Dibromoethane	108		98		70-130	10		30
1,2-Dibromo-3-chloropropane	102		99		68-130	3		30
Isopropylbenzene	105		110		70-130	5		30
1,2,3-Trichlorobenzene	96		100		70-130	4		30
1,2,4-Trichlorobenzene	96		104		70-130	8		30
Methyl Acetate	89		88		65-130	1		30
Cyclohexane	97		100		70-130	3		30
1,4-Dioxane	98		98		65-136	0		30
Methyl cyclohexane	103		106		70-130	3		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	113		115		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	124		122		70-130
Toluene-d8	107		106		70-130
4-Bromofluorobenzene	101		102		70-130
Dibromofluoromethane	115		113		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212527

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 10 Batch: WG550848-1 WG550848-2								
Methylene chloride	105		98		70-130	7		30
1,1-Dichloroethane	106		100		70-130	6		30
Chloroform	105		100		70-130	5		30
Carbon tetrachloride	112		105		70-130	6		30
1,2-Dichloropropane	105		99		70-130	6		30
Dibromochloromethane	106		104		70-130	2		30
1,1,2-Trichloroethane	104		102		70-130	2		30
Tetrachloroethene	113		107		70-130	5		30
Chlorobenzene	108		104		70-130	4		30
Trichlorofluoromethane	116		106		70-139	9		30
1,2-Dichloroethane	105		100		70-130	5		30
1,1,1-Trichloroethane	110		102		70-130	8		30
Bromodichloromethane	102		98		70-130	4		30
trans-1,3-Dichloropropene	104		103		70-130	1		30
cis-1,3-Dichloropropene	102		99		70-130	3		30
Bromoform	110		107		70-130	3		30
1,1,2,2-Tetrachloroethane	108		106		70-130	2		30
Benzene	105		99		70-130	6		30
Toluene	105		101		70-130	4		30
Ethylbenzene	107		103		70-130	4		30
Chloromethane	106		99		52-130	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212527

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 10 Batch: WG550848-1 WG550848-2								
Bromomethane	136		123		57-147	10		30
Vinyl chloride	106		98		67-130	8		30
Chloroethane	110		102		50-151	8		30
1,1-Dichloroethene	107		99		65-135	8		30
trans-1,2-Dichloroethene	106		100		70-130	6		30
Trichloroethene	106		98		70-130	8		30
1,2-Dichlorobenzene	111		106		70-130	5		30
1,3-Dichlorobenzene	112		107		70-130	5		30
1,4-Dichlorobenzene	111		107		70-130	4		30
Methyl tert butyl ether	102		99		66-130	3		30
p/m-Xylene	109		105		70-130	4		30
o-Xylene	109		106		70-130	3		30
cis-1,2-Dichloroethene	104		99		70-130	5		30
Styrene	107		104		70-130	3		30
Dichlorodifluoromethane	112		104		30-146	7		30
Acetone	107		101		54-140	6		30
Carbon disulfide	105		98		59-130	7		30
2-Butanone	110		107		70-130	3		30
4-Methyl-2-pentanone	103		100		70-130	3		30
2-Hexanone	101		103		70-130	2		30
Bromochloromethane	106		102		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212527

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 10 Batch: WG550848-1 WG550848-2								
1,2-Dibromoethane	105		104		70-130	1		30
1,2-Dibromo-3-chloropropane	109		106		68-130	3		30
Isopropylbenzene	108		105		70-130	3		30
1,2,3-Trichlorobenzene	110		107		70-130	3		30
1,2,4-Trichlorobenzene	112		107		70-130	5		30
Methyl Acetate	102		100		65-130	2		30
Cyclohexane	110		101		70-130	9		30
1,4-Dioxane	108		110		65-136	2		30
Methyl cyclohexane	111		102		70-130	8		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	114		104		70-130	9		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		100		70-130
Toluene-d8	101		102		70-130
4-Bromofluorobenzene	100		100		70-130
Dibromofluoromethane	101		102		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212527

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 09,11 Batch: WG551346-1 WG551346-2								
Methylene chloride	82		86		70-130	5		30
1,1-Dichloroethane	94		88		70-130	7		30
Chloroform	100		96		70-130	4		30
Carbon tetrachloride	121		100		70-130	19		30
1,2-Dichloropropane	85		83		70-130	2		30
Dibromochloromethane	106		97		70-130	9		30
1,1,2-Trichloroethane	97		90		70-130	7		30
Tetrachloroethene	108		96		70-130	12		30
Chlorobenzene	96		92		70-130	4		30
Trichlorofluoromethane	107		96		70-139	11		30
1,2-Dichloroethane	109		104		70-130	5		30
1,1,1-Trichloroethane	106		96		70-130	10		30
Bromodichloromethane	100		96		70-130	4		30
trans-1,3-Dichloropropene	92		82		70-130	11		30
cis-1,3-Dichloropropene	94		88		70-130	7		30
Bromoform	103		93		70-130	10		30
1,1,2,2-Tetrachloroethane	88		81		70-130	8		30
Benzene	92		86		70-130	7		30
Toluene	95		87		70-130	9		30
Ethylbenzene	97		91		70-130	6		30
Chloromethane	85		89		52-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212527

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 09,11 Batch: WG551346-1 WG551346-2								
Bromomethane	96		102		57-147	6		30
Vinyl chloride	100		99		67-130	1		30
Chloroethane	86		85		50-151	1		30
1,1-Dichloroethene	95		86		65-135	10		30
trans-1,2-Dichloroethene	97		88		70-130	10		30
Trichloroethene	98		90		70-130	9		30
1,2-Dichlorobenzene	97		93		70-130	4		30
1,3-Dichlorobenzene	97		93		70-130	4		30
1,4-Dichlorobenzene	97		92		70-130	5		30
Methyl tert butyl ether	104		98		66-130	6		30
p/m-Xylene	95		92		70-130	3		30
o-Xylene	96		94		70-130	2		30
cis-1,2-Dichloroethene	98		90		70-130	9		30
Styrene	96		96		70-130	0		30
Dichlorodifluoromethane	86		83		30-146	4		30
Acetone	100		80		54-140	22		30
Carbon disulfide	85		79		59-130	7		30
2-Butanone	93		82		70-130	13		30
4-Methyl-2-pentanone	81		82		70-130	1		30
2-Hexanone	94		81		70-130	15		30
Bromochloromethane	96		95		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212527

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 09,11 Batch: WG551346-1 WG551346-2								
1,2-Dibromoethane	105		94		70-130	11		30
1,2-Dibromo-3-chloropropane	96		90		68-130	6		30
Isopropylbenzene	98		95		70-130	3		30
1,2,3-Trichlorobenzene	101		97		70-130	4		30
1,2,4-Trichlorobenzene	104		98		70-130	6		30
Methyl Acetate	89		81		65-130	9		30
Cyclohexane	90		80		70-130	12		30
1,4-Dioxane	86		95		65-136	10		30
Methyl cyclohexane	92		83		70-130	10		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	101		91		70-130	10		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	118		114		70-130
Toluene-d8	104		100		70-130
4-Bromofluorobenzene	101		97		70-130
Dibromofluoromethane	106		109		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212527
Report Date: 08/16/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 07-08 QC Batch ID: WG550553-4 WG550553-5 QC Sample: L1212527-07 Client ID: S-12L-B002-17.5-18												
Methylene chloride	ND	25.9	26	101		15	93		70-130	**57**	Q	30
1,1-Dichloroethane	ND	25.9	28	108		16	102		70-130	**55**	Q	30
Chloroform	ND	25.9	30	114		17	108		70-130	**55**	Q	30
Carbon tetrachloride	ND	25.9	34	**131**	Q	19	122		70-130	**57**	Q	30
1,2-Dichloropropane	ND	25.9	26	99		15	97		70-130	**53**	Q	30
Dibromochloromethane	ND	25.9	29	113		17	109		70-130	**53**	Q	30
1,1,2-Trichloroethane	ND	25.9	26	100		16	100		70-130	**50**	Q	30
Tetrachloroethene	ND	25.9	28	106		17	106		70-130	**50**	Q	30
Chlorobenzene	ND	25.9	25	97		15	97		70-130	**50**	Q	30
Trichlorofluoromethane	ND	25.9	33	129		18	116		70-139	**60**	Q	30
1,2-Dichloroethane	ND	25.9	32	123		18	115		70-130	**56**	Q	30
1,1,1-Trichloroethane	ND	25.9	32	124		19	120		70-130	**53**	Q	30
Bromodichloromethane	ND	25.9	30	115		17	108		70-130	**56**	Q	30
trans-1,3-Dichloropropene	ND	25.9	25	95		14	92		70-130	**53**	Q	30
cis-1,3-Dichloropropene	ND	25.9	27	106		16	100		70-130	**55**	Q	30
Bromoform	ND	25.9	27	102		16	102		70-130	**50**	Q	30
1,1,2,2-Tetrachloroethane	ND	25.9	24	92		15	95		70-130	**47**	Q	30
Benzene	ND	25.9	29	113		19	120		70-130	**44**	Q	30
Toluene	ND	25.9	26	101		16	105		70-130	**46**	Q	30
Ethylbenzene	ND	25.9	26	100		16	100		70-130	**50**	Q	30
Chloromethane	ND	25.9	34	**133**	Q	22	**142**	Q	52-130	**44**	Q	30

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212527
Report Date: 08/16/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 07-08 QC Batch ID: WG550553-4 WG550553-5 QC Sample: L1212527-07 Client ID: S-12L-B002-17.5-18												
Bromomethane	ND	25.9	27	104		16	102		57-147	**52**	Q	30
Vinyl chloride	ND	25.9	35	**135**	Q	18	117		67-130	**63**	Q	30
Chloroethane	ND	25.9	29	113		16	100		50-151	**61**	Q	30
1,1-Dichloroethene	ND	25.9	29	110		16	106		65-135	**54**	Q	30
trans-1,2-Dichloroethene	ND	25.9	27	105		16	104		70-130	**52**	Q	30
Trichloroethene	98	25.9	220	**460**	Q	240E	**895**	Q	70-130	9		30
1,2-Dichlorobenzene	ND	25.9	24	91		14	92		70-130	**49**	Q	30
1,3-Dichlorobenzene	ND	25.9	23	87		14	90		70-130	**47**	Q	30
1,4-Dichlorobenzene	ND	25.9	23	87		14	91		70-130	**46**	Q	30
Methyl tert butyl ether	ND	25.9	29	111		17	107		66-130	**53**	Q	30
p/m-Xylene	ND	51.8	50	97		30	98		70-130	**50**	Q	30
o-Xylene	ND	51.8	52	100		31	100		70-130	**50**	Q	30
cis-1,2-Dichloroethene	6.9	25.9	51	**172**	Q	45	**246**	Q	70-130	13		30
Styrene	ND	51.8	52	101		31	101		70-130	**50**	Q	30
Dichlorodifluoromethane	ND	25.9	26	101		13	86		30-146	**65**	Q	30
Acetone	ND	25.9	31	**0**	Q	ND	**0**	Q	54-140	NC	Q	30
Carbon disulfide	ND	25.9	26	100		14	93		59-130	**57**	Q	30
2-Butanone	ND	25.9	25	98		15	97		70-130	**50**	Q	30
4-Methyl-2-pentanone	ND	25.9	26	100		15	96		70-130	**54**	Q	30
2-Hexanone	ND	25.9	26	99		16	104		70-130	**45**	Q	30
Bromochloromethane	ND	25.9	28	109		16	102		70-130	**56**	Q	30

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212527
Report Date: 08/16/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 07-08 QC Batch ID: WG550553-4 WG550553-5 QC Sample: L1212527-07 Client ID: S-12L-B002-17.5-18												
1,2-Dibromoethane	ND	25.9	32	125		18	114		70-130	**58**	Q	30
1,2-Dibromo-3-chloropropane	ND	25.9	29	110		17	108		68-130	**52**	Q	30
Isopropylbenzene	ND	25.9	27	104		17	109		70-130	**45**	Q	30
1,2,3-Trichlorobenzene	ND	25.9	23	90		15	97		70-130	**44**	Q	30
1,2,4-Trichlorobenzene	ND	25.9	24	92		16	105		70-130	**37**	Q	30
Methyl Acetate	ND	25.9	ND	**0**	Q	ND	**0**	Q	65-130	NC		30
Cyclohexane	ND	25.9	27	106		ND	**0**	Q	70-130	NC		30
1,4-Dioxane	ND	2590	1400	106		770	100		65-136	**55**	Q	30
Methyl cyclohexane	ND	25.9	27	106		15	98		70-130	**57**	Q	30
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	25.9	31	119		17	108		70-130	**59**	Q	30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		122		70-130
4-Bromofluorobenzene	95		96		70-130
Dibromofluoromethane	113		111		70-130
Toluene-d8	100		102		70-130

SEMIVOLATILES

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212527

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212527-01	Date Collected:	07/13/12 08:25
Client ID:	S-12L-B002-5.5-6.0	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 18:10
Analytical Date:	07/29/12 00:31		
Analyst:	JB		
Percent Solids:	65%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	200	--	1
Hexachlorobenzene	ND		ug/kg	150	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	250	--	1
2-Chloronaphthalene	ND		ug/kg	250	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	250	--	1
2,4-Dinitrotoluene	ND		ug/kg	250	--	1
2,6-Dinitrotoluene	ND		ug/kg	250	--	1
Fluoranthene	ND		ug/kg	150	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	250	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	250	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	300	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	250	--	1
Hexachlorobutadiene	ND		ug/kg	250	--	1
Hexachlorocyclopentadiene	ND		ug/kg	710	--	1
Hexachloroethane	ND		ug/kg	200	--	1
Isophorone	ND		ug/kg	250	--	1
Naphthalene	ND		ug/kg	250	--	1
Nitrobenzene	ND		ug/kg	250	--	1
NDPA/DPA	ND		ug/kg	200	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	250	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	250	--	1
Butyl benzyl phthalate	ND		ug/kg	250	--	1
Di-n-butylphthalate	ND		ug/kg	250	--	1
Di-n-octylphthalate	ND		ug/kg	250	--	1
Diethyl phthalate	ND		ug/kg	250	--	1
Dimethyl phthalate	ND		ug/kg	250	--	1
Benzo(a)anthracene	ND		ug/kg	150	--	1
Benzo(a)pyrene	ND		ug/kg	200	--	1
Benzo(b)fluoranthene	ND		ug/kg	150	--	1
Benzo(k)fluoranthene	ND		ug/kg	150	--	1
Chrysene	ND		ug/kg	150	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212527

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212527-01 Date Collected: 07/13/12 08:25

Client ID: S-12L-B002-5.5-6.0 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	200	--	1
Anthracene	ND		ug/kg	150	--	1
Benzo(ghi)perylene	ND		ug/kg	200	--	1
Fluorene	ND		ug/kg	250	--	1
Phenanthrene	ND		ug/kg	150	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	150	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	200	--	1
Pyrene	ND		ug/kg	150	--	1
Biphenyl	ND		ug/kg	560	--	1
4-Chloroaniline	ND		ug/kg	250	--	1
2-Nitroaniline	ND		ug/kg	250	--	1
3-Nitroaniline	ND		ug/kg	250	--	1
4-Nitroaniline	ND		ug/kg	250	--	1
Dibenzofuran	ND		ug/kg	250	--	1
2-Methylnaphthalene	ND		ug/kg	300	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	250	--	1
Acetophenone	ND		ug/kg	250	--	1
2,4,6-Trichlorophenol	ND		ug/kg	150	--	1
p-Chloro-m-cresol	ND		ug/kg	250	--	1
2-Chlorophenol	ND		ug/kg	250	--	1
2,4-Dichlorophenol	ND		ug/kg	250	--	1
2,4-Dimethylphenol	ND		ug/kg	250	--	1
2-Nitrophenol	ND		ug/kg	560	--	1
4-Nitrophenol	ND		ug/kg	360	--	1
2,4-Dinitrophenol	ND		ug/kg	1200	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	660	--	1
Pentachlorophenol	ND		ug/kg	200	--	1
Phenol	ND		ug/kg	250	--	1
2-Methylphenol	ND		ug/kg	250	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	360	--	1
2,4,5-Trichlorophenol	ND		ug/kg	250	--	1
Carbazole	ND		ug/kg	250	--	1
Atrazine	ND		ug/kg	200	--	1
Benzaldehyde	ND		ug/kg	360	--	1
Caprolactam	ND		ug/kg	250	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	250	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212527

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212527-01 Date Collected: 07/13/12 08:25

Client ID: S-12L-B002-5.5-6.0 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	86		0-136
4-Terphenyl-d14	73		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212527

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212527-02	Date Collected:	07/13/12 08:25
Client ID:	S-12L-B002-5.5-6.0 REP	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 18:10
Analytical Date:	07/29/12 00:56		
Analyst:	JB		
Percent Solids:	69%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	190	--	1
Hexachlorobenzene	ND		ug/kg	140	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	240	--	1
2-Chloronaphthalene	ND		ug/kg	240	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	240	--	1
2,4-Dinitrotoluene	ND		ug/kg	240	--	1
2,6-Dinitrotoluene	ND		ug/kg	240	--	1
Fluoranthene	140		ug/kg	140	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	240	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	240	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	280	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	--	1
Hexachlorobutadiene	ND		ug/kg	240	--	1
Hexachlorocyclopentadiene	ND		ug/kg	670	--	1
Hexachloroethane	ND		ug/kg	190	--	1
Isophorone	ND		ug/kg	240	--	1
Naphthalene	ND		ug/kg	240	--	1
Nitrobenzene	ND		ug/kg	240	--	1
NDPA/DPA	ND		ug/kg	190	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	240	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	240	--	1
Butyl benzyl phthalate	ND		ug/kg	240	--	1
Di-n-butylphthalate	ND		ug/kg	240	--	1
Di-n-octylphthalate	ND		ug/kg	240	--	1
Diethyl phthalate	ND		ug/kg	240	--	1
Dimethyl phthalate	ND		ug/kg	240	--	1
Benzo(a)anthracene	ND		ug/kg	140	--	1
Benzo(a)pyrene	ND		ug/kg	190	--	1
Benzo(b)fluoranthene	ND		ug/kg	140	--	1
Benzo(k)fluoranthene	ND		ug/kg	140	--	1
Chrysene	ND		ug/kg	140	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212527

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212527-02 Date Collected: 07/13/12 08:25

Client ID: S-12L-B002-5.5-6.0 REP Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	190	--	1
Anthracene	ND		ug/kg	140	--	1
Benzo(ghi)perylene	ND		ug/kg	190	--	1
Fluorene	ND		ug/kg	240	--	1
Phenanthrene	ND		ug/kg	140	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	140	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	190	--	1
Pyrene	ND		ug/kg	140	--	1
Biphenyl	ND		ug/kg	520	--	1
4-Chloroaniline	ND		ug/kg	240	--	1
2-Nitroaniline	ND		ug/kg	240	--	1
3-Nitroaniline	ND		ug/kg	240	--	1
4-Nitroaniline	ND		ug/kg	240	--	1
Dibenzofuran	ND		ug/kg	240	--	1
2-Methylnaphthalene	ND		ug/kg	280	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	240	--	1
Acetophenone	ND		ug/kg	240	--	1
2,4,6-Trichlorophenol	ND		ug/kg	140	--	1
p-Chloro-m-cresol	ND		ug/kg	240	--	1
2-Chlorophenol	ND		ug/kg	240	--	1
2,4-Dichlorophenol	ND		ug/kg	240	--	1
2,4-Dimethylphenol	ND		ug/kg	240	--	1
2-Nitrophenol	ND		ug/kg	520	--	1
4-Nitrophenol	ND		ug/kg	330	--	1
2,4-Dinitrophenol	ND		ug/kg	1100	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	620	--	1
Pentachlorophenol	ND		ug/kg	190	--	1
Phenol	ND		ug/kg	240	--	1
2-Methylphenol	ND		ug/kg	240	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	330	--	1
2,4,5-Trichlorophenol	ND		ug/kg	240	--	1
Carbazole	ND		ug/kg	240	--	1
Atrazine	ND		ug/kg	190	--	1
Benzaldehyde	ND		ug/kg	330	--	1
Caprolactam	ND		ug/kg	240	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	240	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212527

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212527-02 Date Collected: 07/13/12 08:25

Client ID: S-12L-B002-5.5-6.0 REP Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	74		0-136
4-Terphenyl-d14	62		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212527

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212527-03	Date Collected:	07/13/12 13:50
Client ID:	EB-071312-02	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8270D	Extraction Date:	07/17/12 12:58
Analytical Date:	07/22/12 19:45		
Analyst:	JB		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/l	2.0	--	1
Hexachlorobenzene	ND		ug/l	2.0	--	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	--	1
2-Chloronaphthalene	ND		ug/l	2.0	--	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	--	1
2,4-Dinitrotoluene	ND		ug/l	5.0	--	1
2,6-Dinitrotoluene	ND		ug/l	5.0	--	1
Fluoranthene	ND		ug/l	2.0	--	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	--	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	--	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	--	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	--	1
Hexachlorobutadiene	ND		ug/l	2.0	--	1
Hexachlorocyclopentadiene	ND		ug/l	20	--	1
Hexachloroethane	ND		ug/l	2.0	--	1
Isophorone	ND		ug/l	5.0	--	1
Naphthalene	ND		ug/l	2.0	--	1
Nitrobenzene	ND		ug/l	2.0	--	1
NDPA/DPA	ND		ug/l	2.0	--	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	--	1
Butyl benzyl phthalate	ND		ug/l	5.0	--	1
Di-n-butylphthalate	ND		ug/l	5.0	--	1
Di-n-octylphthalate	ND		ug/l	5.0	--	1
Diethyl phthalate	ND		ug/l	5.0	--	1
Dimethyl phthalate	ND		ug/l	5.0	--	1
Benzo(a)anthracene	ND		ug/l	2.0	--	1
Benzo(a)pyrene	ND		ug/l	2.0	--	1
Benzo(b)fluoranthene	ND		ug/l	2.0	--	1
Benzo(k)fluoranthene	ND		ug/l	2.0	--	1
Chrysene	ND		ug/l	2.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212527

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212527-03 Date Collected: 07/13/12 13:50

Client ID: EB-071312-02 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/l	2.0	--	1
Anthracene	ND		ug/l	2.0	--	1
Benzo(ghi)perylene	ND		ug/l	2.0	--	1
Fluorene	ND		ug/l	2.0	--	1
Phenanthrene	ND		ug/l	2.0	--	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	--	1
Pyrene	ND		ug/l	2.0	--	1
Biphenyl	ND		ug/l	2.0	--	1
4-Chloroaniline	ND		ug/l	5.0	--	1
2-Nitroaniline	ND		ug/l	5.0	--	1
3-Nitroaniline	ND		ug/l	5.0	--	1
4-Nitroaniline	ND		ug/l	5.0	--	1
Dibenzofuran	ND		ug/l	2.0	--	1
2-Methylnaphthalene	ND		ug/l	2.0	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	--	1
Acetophenone	ND		ug/l	5.0	--	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	--	1
p-Chloro-m-cresol	ND		ug/l	2.0	--	1
2-Chlorophenol	ND		ug/l	2.0	--	1
2,4-Dichlorophenol	ND		ug/l	5.0	--	1
2,4-Dimethylphenol	ND		ug/l	5.0	--	1
2-Nitrophenol	ND		ug/l	10	--	1
4-Nitrophenol	ND		ug/l	10	--	1
2,4-Dinitrophenol	ND		ug/l	20	--	1
4,6-Dinitro-o-cresol	ND		ug/l	10	--	1
Pentachlorophenol	ND		ug/l	10	--	1
Phenol	ND		ug/l	5.0	--	1
2-Methylphenol	ND		ug/l	5.0	--	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	--	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	--	1
Carbazole	ND		ug/l	2.0	--	1
Atrazine	ND		ug/l	10	--	1
Benzaldehyde	ND		ug/l	5.0	--	1
Caprolactam	ND		ug/l	10	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212527

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212527-03 Date Collected: 07/13/12 13:50

Client ID: EB-071312-02 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	30		21-120
Phenol-d6	21		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	70		10-120
4-Terphenyl-d14	67		41-149

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212527

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212527-04	Date Collected:	07/13/12 08:45
Client ID:	S-12L-B002-8.0-8.5	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 18:10
Analytical Date:	07/29/12 01:21		
Analyst:	JB		
Percent Solids:	88%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	--	1
2-Chloronaphthalene	ND		ug/kg	190	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	--	1
2,4-Dinitrotoluene	ND		ug/kg	190	--	1
2,6-Dinitrotoluene	ND		ug/kg	190	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	--	1
Hexachlorobutadiene	ND		ug/kg	190	--	1
Hexachlorocyclopentadiene	ND		ug/kg	520	--	1
Hexachloroethane	ND		ug/kg	150	--	1
Isophorone	ND		ug/kg	190	--	1
Naphthalene	ND		ug/kg	190	--	1
Nitrobenzene	ND		ug/kg	190	--	1
NDPA/DPA	ND		ug/kg	150	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	--	1
Butyl benzyl phthalate	ND		ug/kg	190	--	1
Di-n-butylphthalate	ND		ug/kg	190	--	1
Di-n-octylphthalate	ND		ug/kg	190	--	1
Diethyl phthalate	ND		ug/kg	190	--	1
Dimethyl phthalate	ND		ug/kg	190	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	150	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212527

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212527-04 Date Collected: 07/13/12 08:45

Client ID: S-12L-B002-8.0-8.5 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	150	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	150	--	1
Fluorene	ND		ug/kg	190	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	410	--	1
4-Chloroaniline	ND		ug/kg	190	--	1
2-Nitroaniline	ND		ug/kg	190	--	1
3-Nitroaniline	ND		ug/kg	190	--	1
4-Nitroaniline	ND		ug/kg	190	--	1
Dibenzofuran	ND		ug/kg	190	--	1
2-Methylnaphthalene	ND		ug/kg	220	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	--	1
Acetophenone	ND		ug/kg	190	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	190	--	1
2-Chlorophenol	ND		ug/kg	190	--	1
2,4-Dichlorophenol	ND		ug/kg	190	--	1
2,4-Dimethylphenol	ND		ug/kg	190	--	1
2-Nitrophenol	ND		ug/kg	410	--	1
4-Nitrophenol	ND		ug/kg	260	--	1
2,4-Dinitrophenol	ND		ug/kg	900	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	--	1
Pentachlorophenol	ND		ug/kg	150	--	1
Phenol	ND		ug/kg	190	--	1
2-Methylphenol	ND		ug/kg	190	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	--	1
2,4,5-Trichlorophenol	ND		ug/kg	190	--	1
Carbazole	ND		ug/kg	190	--	1
Atrazine	ND		ug/kg	150	--	1
Benzaldehyde	ND		ug/kg	260	--	1
Caprolactam	ND		ug/kg	190	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212527

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212527-04 Date Collected: 07/13/12 08:45

Client ID: S-12L-B002-8.0-8.5 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	91		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	83		0-136
4-Terphenyl-d14	76		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212527

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212527-05	Date Collected:	07/13/12 09:30
Client ID:	S-12L-B002-12-12.5	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 18:10
Analytical Date:	07/29/12 01:46		
Analyst:	JB		
Percent Solids:	93%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	--	1
Hexachlorobenzene	ND		ug/kg	100	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	--	1
2-Chloronaphthalene	ND		ug/kg	170	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	--	1
2,4-Dinitrotoluene	ND		ug/kg	170	--	1
2,6-Dinitrotoluene	ND		ug/kg	170	--	1
Fluoranthene	ND		ug/kg	100	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	170	--	1
Hexachlorobutadiene	ND		ug/kg	170	--	1
Hexachlorocyclopentadiene	ND		ug/kg	490	--	1
Hexachloroethane	ND		ug/kg	140	--	1
Isophorone	ND		ug/kg	170	--	1
Naphthalene	ND		ug/kg	170	--	1
Nitrobenzene	ND		ug/kg	170	--	1
NDPA/DPA	ND		ug/kg	140	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	--	1
Butyl benzyl phthalate	ND		ug/kg	170	--	1
Di-n-butylphthalate	ND		ug/kg	170	--	1
Di-n-octylphthalate	ND		ug/kg	170	--	1
Diethyl phthalate	ND		ug/kg	170	--	1
Dimethyl phthalate	ND		ug/kg	170	--	1
Benzo(a)anthracene	ND		ug/kg	100	--	1
Benzo(a)pyrene	ND		ug/kg	140	--	1
Benzo(b)fluoranthene	ND		ug/kg	100	--	1
Benzo(k)fluoranthene	ND		ug/kg	100	--	1
Chrysene	ND		ug/kg	100	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212527

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212527-05 Date Collected: 07/13/12 09:30

Client ID: S-12L-B002-12-12.5 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	140	--	1
Anthracene	ND		ug/kg	100	--	1
Benzo(ghi)perylene	ND		ug/kg	140	--	1
Fluorene	ND		ug/kg	170	--	1
Phenanthrene	ND		ug/kg	100	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	--	1
Pyrene	ND		ug/kg	100	--	1
Biphenyl	ND		ug/kg	380	--	1
4-Chloroaniline	ND		ug/kg	170	--	1
2-Nitroaniline	ND		ug/kg	170	--	1
3-Nitroaniline	ND		ug/kg	170	--	1
4-Nitroaniline	ND		ug/kg	170	--	1
Dibenzofuran	ND		ug/kg	170	--	1
2-Methylnaphthalene	ND		ug/kg	210	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	--	1
Acetophenone	ND		ug/kg	170	--	1
2,4,6-Trichlorophenol	ND		ug/kg	100	--	1
p-Chloro-m-cresol	ND		ug/kg	170	--	1
2-Chlorophenol	ND		ug/kg	170	--	1
2,4-Dichlorophenol	ND		ug/kg	170	--	1
2,4-Dimethylphenol	ND		ug/kg	170	--	1
2-Nitrophenol	ND		ug/kg	380	--	1
4-Nitrophenol	ND		ug/kg	240	--	1
2,4-Dinitrophenol	ND		ug/kg	840	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	--	1
Pentachlorophenol	ND		ug/kg	140	--	1
Phenol	ND		ug/kg	170	--	1
2-Methylphenol	ND		ug/kg	170	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	--	1
2,4,5-Trichlorophenol	ND		ug/kg	170	--	1
Carbazole	ND		ug/kg	170	--	1
Atrazine	ND		ug/kg	140	--	1
Benzaldehyde	ND		ug/kg	240	--	1
Caprolactam	ND		ug/kg	170	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212527

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212527-05	Date Collected:	07/13/12 09:30
Client ID:	S-12L-B002-12-12.5	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	86		0-136
4-Terphenyl-d14	77		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212527

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212527-06	Date Collected:	07/13/12 09:30
Client ID:	S-12L-B002-14-14.5	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 18:10
Analytical Date:	07/29/12 02:11		
Analyst:	JB		
Percent Solids:	85%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	--	1
2-Chloronaphthalene	ND		ug/kg	190	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	--	1
2,4-Dinitrotoluene	ND		ug/kg	190	--	1
2,6-Dinitrotoluene	ND		ug/kg	190	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	--	1
Hexachlorobutadiene	ND		ug/kg	190	--	1
Hexachlorocyclopentadiene	ND		ug/kg	530	--	1
Hexachloroethane	ND		ug/kg	150	--	1
Isophorone	ND		ug/kg	190	--	1
Naphthalene	ND		ug/kg	190	--	1
Nitrobenzene	ND		ug/kg	190	--	1
NDPA/DPA	ND		ug/kg	150	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	--	1
Butyl benzyl phthalate	ND		ug/kg	190	--	1
Di-n-butylphthalate	ND		ug/kg	190	--	1
Di-n-octylphthalate	ND		ug/kg	190	--	1
Diethyl phthalate	ND		ug/kg	190	--	1
Dimethyl phthalate	ND		ug/kg	190	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	150	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212527

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212527-06 Date Collected: 07/13/12 09:30

Client ID: S-12L-B002-14-14.5 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	150	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	150	--	1
Fluorene	ND		ug/kg	190	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	420	--	1
4-Chloroaniline	ND		ug/kg	190	--	1
2-Nitroaniline	ND		ug/kg	190	--	1
3-Nitroaniline	ND		ug/kg	190	--	1
4-Nitroaniline	ND		ug/kg	190	--	1
Dibenzofuran	ND		ug/kg	190	--	1
2-Methylnaphthalene	ND		ug/kg	230	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	--	1
Acetophenone	ND		ug/kg	190	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	190	--	1
2-Chlorophenol	ND		ug/kg	190	--	1
2,4-Dichlorophenol	ND		ug/kg	190	--	1
2,4-Dimethylphenol	ND		ug/kg	190	--	1
2-Nitrophenol	ND		ug/kg	420	--	1
4-Nitrophenol	ND		ug/kg	270	--	1
2,4-Dinitrophenol	ND		ug/kg	910	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	--	1
Pentachlorophenol	ND		ug/kg	150	--	1
Phenol	ND		ug/kg	190	--	1
2-Methylphenol	ND		ug/kg	190	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	--	1
2,4,5-Trichlorophenol	ND		ug/kg	190	--	1
Carbazole	ND		ug/kg	190	--	1
Atrazine	ND		ug/kg	150	--	1
Benzaldehyde	ND		ug/kg	270	--	1
Caprolactam	ND		ug/kg	190	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212527

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212527-06 Date Collected: 07/13/12 09:30

Client ID: S-12L-B002-14-14.5 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	86		0-136
4-Terphenyl-d14	76		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212527

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212527-07	Date Collected:	07/13/12 10:00
Client ID:	S-12L-B002-17.5-18	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 18:10
Analytical Date:	07/29/12 02:36		
Analyst:	JB		
Percent Solids:	92%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	--	1
2-Chloronaphthalene	ND		ug/kg	180	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	--	1
2,4-Dinitrotoluene	ND		ug/kg	180	--	1
2,6-Dinitrotoluene	ND		ug/kg	180	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	--	1
Hexachlorobutadiene	ND		ug/kg	180	--	1
Hexachlorocyclopentadiene	ND		ug/kg	500	--	1
Hexachloroethane	ND		ug/kg	140	--	1
Isophorone	ND		ug/kg	180	--	1
Naphthalene	ND		ug/kg	180	--	1
Nitrobenzene	ND		ug/kg	180	--	1
NDPA/DPA	ND		ug/kg	140	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	--	1
Butyl benzyl phthalate	ND		ug/kg	180	--	1
Di-n-butylphthalate	ND		ug/kg	180	--	1
Di-n-octylphthalate	ND		ug/kg	180	--	1
Diethyl phthalate	ND		ug/kg	180	--	1
Dimethyl phthalate	ND		ug/kg	180	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	140	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212527

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212527-07 Date Collected: 07/13/12 10:00

Client ID: S-12L-B002-17.5-18 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	140	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	140	--	1
Fluorene	ND		ug/kg	180	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	400	--	1
4-Chloroaniline	ND		ug/kg	180	--	1
2-Nitroaniline	ND		ug/kg	180	--	1
3-Nitroaniline	ND		ug/kg	180	--	1
4-Nitroaniline	ND		ug/kg	180	--	1
Dibenzofuran	ND		ug/kg	180	--	1
2-Methylnaphthalene	ND		ug/kg	220	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	--	1
Acetophenone	ND		ug/kg	180	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	180	--	1
2-Chlorophenol	ND		ug/kg	180	--	1
2,4-Dichlorophenol	ND		ug/kg	180	--	1
2,4-Dimethylphenol	ND		ug/kg	180	--	1
2-Nitrophenol	ND		ug/kg	400	--	1
4-Nitrophenol	ND		ug/kg	250	--	1
2,4-Dinitrophenol	ND		ug/kg	860	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	--	1
Pentachlorophenol	ND		ug/kg	140	--	1
Phenol	180		ug/kg	180	--	1
2-Methylphenol	ND		ug/kg	180	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	--	1
2,4,5-Trichlorophenol	ND		ug/kg	180	--	1
Carbazole	ND		ug/kg	180	--	1
Atrazine	ND		ug/kg	140	--	1
Benzaldehyde	ND		ug/kg	250	--	1
Caprolactam	ND		ug/kg	180	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212527

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212527-07 Date Collected: 07/13/12 10:00

Client ID: S-12L-B002-17.5-18 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	93		25-120
Phenol-d6	92		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	105		0-136
4-Terphenyl-d14	85		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212527

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212527-08	Date Collected:	07/13/12 10:00
Client ID:	S-12L-B002-19.5-20	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 18:10
Analytical Date:	07/29/12 03:01		
Analyst:	JB		
Percent Solids:	87%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	--	1
2-Chloronaphthalene	ND		ug/kg	190	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	--	1
2,4-Dinitrotoluene	ND		ug/kg	190	--	1
2,6-Dinitrotoluene	ND		ug/kg	190	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	--	1
Hexachlorobutadiene	ND		ug/kg	190	--	1
Hexachlorocyclopentadiene	ND		ug/kg	530	--	1
Hexachloroethane	ND		ug/kg	150	--	1
Isophorone	ND		ug/kg	190	--	1
Naphthalene	ND		ug/kg	190	--	1
Nitrobenzene	ND		ug/kg	190	--	1
NDPA/DPA	ND		ug/kg	150	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	--	1
Butyl benzyl phthalate	ND		ug/kg	190	--	1
Di-n-butylphthalate	ND		ug/kg	190	--	1
Di-n-octylphthalate	ND		ug/kg	190	--	1
Diethyl phthalate	ND		ug/kg	190	--	1
Dimethyl phthalate	ND		ug/kg	190	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	150	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212527

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212527-08 Date Collected: 07/13/12 10:00

Client ID: S-12L-B002-19.5-20 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	150	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	150	--	1
Fluorene	ND		ug/kg	190	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	410	--	1
4-Chloroaniline	ND		ug/kg	190	--	1
2-Nitroaniline	ND		ug/kg	190	--	1
3-Nitroaniline	ND		ug/kg	190	--	1
4-Nitroaniline	ND		ug/kg	190	--	1
Dibenzofuran	ND		ug/kg	190	--	1
2-Methylnaphthalene	ND		ug/kg	230	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	--	1
Acetophenone	ND		ug/kg	190	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	190	--	1
2-Chlorophenol	ND		ug/kg	190	--	1
2,4-Dichlorophenol	ND		ug/kg	190	--	1
2,4-Dimethylphenol	ND		ug/kg	190	--	1
2-Nitrophenol	ND		ug/kg	410	--	1
4-Nitrophenol	ND		ug/kg	260	--	1
2,4-Dinitrophenol	ND		ug/kg	900	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	--	1
Pentachlorophenol	ND		ug/kg	150	--	1
Phenol	ND		ug/kg	190	--	1
2-Methylphenol	ND		ug/kg	190	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	--	1
2,4,5-Trichlorophenol	ND		ug/kg	190	--	1
Carbazole	ND		ug/kg	190	--	1
Atrazine	ND		ug/kg	150	--	1
Benzaldehyde	ND		ug/kg	260	--	1
Caprolactam	ND		ug/kg	190	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212527

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212527-08 Date Collected: 07/13/12 10:00

Client ID: S-12L-B002-19.5-20 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		25-120
Phenol-d6	48		10-120
Nitrobenzene-d5	39		23-120
2-Fluorobiphenyl	44		30-120
2,4,6-Tribromophenol	61		0-136
4-Terphenyl-d14	50		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212527

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212527-09	Date Collected:	07/13/12 10:50
Client ID:	S-12L-B002-24-24.5	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 18:10
Analytical Date:	07/29/12 03:26		
Analyst:	JB		
Percent Solids:	89%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	--	1
2-Chloronaphthalene	ND		ug/kg	180	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	--	1
2,4-Dinitrotoluene	ND		ug/kg	180	--	1
2,6-Dinitrotoluene	ND		ug/kg	180	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	--	1
Hexachlorobutadiene	ND		ug/kg	180	--	1
Hexachlorocyclopentadiene	ND		ug/kg	520	--	1
Hexachloroethane	ND		ug/kg	150	--	1
Isophorone	ND		ug/kg	180	--	1
Naphthalene	ND		ug/kg	180	--	1
Nitrobenzene	ND		ug/kg	180	--	1
NDPA/DPA	ND		ug/kg	150	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	--	1
Butyl benzyl phthalate	ND		ug/kg	180	--	1
Di-n-butylphthalate	ND		ug/kg	180	--	1
Di-n-octylphthalate	ND		ug/kg	180	--	1
Diethyl phthalate	ND		ug/kg	180	--	1
Dimethyl phthalate	ND		ug/kg	180	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	150	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212527

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212527-09 Date Collected: 07/13/12 10:50

Client ID: S-12L-B002-24-24.5 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	150	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	150	--	1
Fluorene	ND		ug/kg	180	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	410	--	1
4-Chloroaniline	ND		ug/kg	180	--	1
2-Nitroaniline	ND		ug/kg	180	--	1
3-Nitroaniline	ND		ug/kg	180	--	1
4-Nitroaniline	ND		ug/kg	180	--	1
Dibenzofuran	ND		ug/kg	180	--	1
2-Methylnaphthalene	ND		ug/kg	220	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	--	1
Acetophenone	ND		ug/kg	180	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	180	--	1
2-Chlorophenol	ND		ug/kg	180	--	1
2,4-Dichlorophenol	ND		ug/kg	180	--	1
2,4-Dimethylphenol	ND		ug/kg	180	--	1
2-Nitrophenol	ND		ug/kg	410	--	1
4-Nitrophenol	ND		ug/kg	260	--	1
2,4-Dinitrophenol	ND		ug/kg	890	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	--	1
Pentachlorophenol	ND		ug/kg	150	--	1
Phenol	ND		ug/kg	180	--	1
2-Methylphenol	ND		ug/kg	180	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	--	1
2,4,5-Trichlorophenol	ND		ug/kg	180	--	1
Carbazole	ND		ug/kg	180	--	1
Atrazine	ND		ug/kg	150	--	1
Benzaldehyde	ND		ug/kg	260	--	1
Caprolactam	ND		ug/kg	180	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212527

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212527-09 Date Collected: 07/13/12 10:50

Client ID: S-12L-B002-24-24.5 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	95		0-136
4-Terphenyl-d14	78		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212527

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212527-10	Date Collected:	07/13/12 10:50
Client ID:	S-12L-B002-24.5-25	Date Received:	07/13/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 18:10
Analytical Date:	07/29/12 03:51		
Analyst:	JB		
Percent Solids:	85%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	--	1
Hexachlorobenzene	ND		ug/kg	120	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	--	1
2-Chloronaphthalene	ND		ug/kg	200	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	--	1
2,4-Dinitrotoluene	ND		ug/kg	200	--	1
2,6-Dinitrotoluene	ND		ug/kg	200	--	1
Fluoranthene	ND		ug/kg	120	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	--	1
Hexachlorobutadiene	ND		ug/kg	200	--	1
Hexachlorocyclopentadiene	ND		ug/kg	550	--	1
Hexachloroethane	ND		ug/kg	160	--	1
Isophorone	ND		ug/kg	200	--	1
Naphthalene	ND		ug/kg	200	--	1
Nitrobenzene	ND		ug/kg	200	--	1
NDPA/DPA	ND		ug/kg	160	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	--	1
Butyl benzyl phthalate	ND		ug/kg	200	--	1
Di-n-butylphthalate	ND		ug/kg	200	--	1
Di-n-octylphthalate	ND		ug/kg	200	--	1
Diethyl phthalate	ND		ug/kg	200	--	1
Dimethyl phthalate	ND		ug/kg	200	--	1
Benzo(a)anthracene	ND		ug/kg	120	--	1
Benzo(a)pyrene	ND		ug/kg	160	--	1
Benzo(b)fluoranthene	ND		ug/kg	120	--	1
Benzo(k)fluoranthene	ND		ug/kg	120	--	1
Chrysene	ND		ug/kg	120	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212527

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212527-10 Date Collected: 07/13/12 10:50

Client ID: S-12L-B002-24.5-25 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	160	--	1
Anthracene	ND		ug/kg	120	--	1
Benzo(ghi)perylene	ND		ug/kg	160	--	1
Fluorene	ND		ug/kg	200	--	1
Phenanthrene	ND		ug/kg	120	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	--	1
Pyrene	ND		ug/kg	120	--	1
Biphenyl	ND		ug/kg	430	--	1
4-Chloroaniline	ND		ug/kg	200	--	1
2-Nitroaniline	ND		ug/kg	200	--	1
3-Nitroaniline	ND		ug/kg	200	--	1
4-Nitroaniline	ND		ug/kg	200	--	1
Dibenzofuran	ND		ug/kg	200	--	1
2-Methylnaphthalene	ND		ug/kg	230	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	--	1
Acetophenone	ND		ug/kg	200	--	1
2,4,6-Trichlorophenol	ND		ug/kg	120	--	1
p-Chloro-m-cresol	ND		ug/kg	200	--	1
2-Chlorophenol	ND		ug/kg	200	--	1
2,4-Dichlorophenol	ND		ug/kg	200	--	1
2,4-Dimethylphenol	ND		ug/kg	200	--	1
2-Nitrophenol	ND		ug/kg	430	--	1
4-Nitrophenol	ND		ug/kg	270	--	1
2,4-Dinitrophenol	ND		ug/kg	940	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	--	1
Pentachlorophenol	ND		ug/kg	160	--	1
Phenol	ND		ug/kg	200	--	1
2-Methylphenol	ND		ug/kg	200	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	--	1
2,4,5-Trichlorophenol	ND		ug/kg	200	--	1
Carbazole	ND		ug/kg	200	--	1
Atrazine	ND		ug/kg	160	--	1
Benzaldehyde	ND		ug/kg	270	--	1
Caprolactam	ND		ug/kg	200	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212527

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212527-10 Date Collected: 07/13/12 10:50

Client ID: S-12L-B002-24.5-25 Date Received: 07/13/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**14**	Q	25-120
Phenol-d6	35		10-120
Nitrobenzene-d5	**15**	Q	23-120
2-Fluorobiphenyl	50		30-120
2,4,6-Tribromophenol	85		0-136
4-Terphenyl-d14	75		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212527

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/27/12 10:44
Analyst: JB

Extraction Method: EPA 3540C
Extraction Date: 07/25/12 18:10

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04-10 Batch: WG550870-1					
Acenaphthene	ND		ug/kg	130	--
Hexachlorobenzene	ND		ug/kg	99	--
Bis(2-chloroethyl)ether	ND		ug/kg	160	--
2-Chloronaphthalene	ND		ug/kg	160	--
3,3'-Dichlorobenzidine	ND		ug/kg	160	--
2,4-Dinitrotoluene	ND		ug/kg	160	--
2,6-Dinitrotoluene	ND		ug/kg	160	--
Fluoranthene	ND		ug/kg	99	--
4-Chlorophenyl phenyl ether	ND		ug/kg	160	--
4-Bromophenyl phenyl ether	ND		ug/kg	160	--
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	--
Bis(2-chloroethoxy)methane	ND		ug/kg	160	--
Hexachlorobutadiene	ND		ug/kg	160	--
Hexachlorocyclopentadiene	ND		ug/kg	460	--
Hexachloroethane	ND		ug/kg	130	--
Isophorone	ND		ug/kg	160	--
Naphthalene	ND		ug/kg	160	--
Nitrobenzene	ND		ug/kg	160	--
NDPA/DPA	ND		ug/kg	130	--
n-Nitrosodi-n-propylamine	ND		ug/kg	160	--
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	--
Butyl benzyl phthalate	ND		ug/kg	160	--
Di-n-butylphthalate	ND		ug/kg	160	--
Di-n-octylphthalate	ND		ug/kg	160	--
Diethyl phthalate	ND		ug/kg	160	--
Dimethyl phthalate	ND		ug/kg	160	--
Benzo(a)anthracene	ND		ug/kg	99	--
Benzo(a)pyrene	ND		ug/kg	130	--
Benzo(b)fluoranthene	ND		ug/kg	99	--
Benzo(k)fluoranthene	ND		ug/kg	99	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212527

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/27/12 10:44
Analyst: JB

Extraction Method: EPA 3540C
Extraction Date: 07/25/12 18:10

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04-10 Batch: WG550870-1					
Chrysene	ND		ug/kg	99	--
Acenaphthylene	ND		ug/kg	130	--
Anthracene	ND		ug/kg	99	--
Benzo(ghi)perylene	ND		ug/kg	130	--
Fluorene	ND		ug/kg	160	--
Phenanthrene	ND		ug/kg	99	--
Dibenzo(a,h)anthracene	ND		ug/kg	99	--
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	--
Pyrene	ND		ug/kg	99	--
Biphenyl	ND		ug/kg	360	--
4-Chloroaniline	ND		ug/kg	160	--
2-Nitroaniline	ND		ug/kg	160	--
3-Nitroaniline	ND		ug/kg	160	--
4-Nitroaniline	ND		ug/kg	160	--
Dibenzofuran	ND		ug/kg	160	--
2-Methylnaphthalene	ND		ug/kg	200	--
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	--
Acetophenone	ND		ug/kg	160	--
2,4,6-Trichlorophenol	ND		ug/kg	99	--
p-Chloro-m-cresol	ND		ug/kg	160	--
2-Chlorophenol	ND		ug/kg	160	--
2,4-Dichlorophenol	ND		ug/kg	160	--
2,4-Dimethylphenol	ND		ug/kg	160	--
2-Nitrophenol	ND		ug/kg	360	--
4-Nitrophenol	ND		ug/kg	230	--
2,4-Dinitrophenol	ND		ug/kg	790	--
4,6-Dinitro-o-cresol	ND		ug/kg	430	--
Pentachlorophenol	ND		ug/kg	130	--
Phenol	ND		ug/kg	160	--
2-Methylphenol	ND		ug/kg	160	--

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212527
Report Date: 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/27/12 10:44
Analyst: JB

Extraction Method: EPA 3540C
Extraction Date: 07/25/12 18:10

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04-10 Batch: WG550870-1					
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	--
2,4,5-Trichlorophenol	ND		ug/kg	160	--
Carbazole	ND		ug/kg	160	--
Atrazine	ND		ug/kg	130	--
Benzaldehyde	ND		ug/kg	230	--
Caprolactam	ND		ug/kg	160	--
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	101		25-120
Phenol-d6	94		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	90		0-136
4-Terphenyl-d14	89		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212527

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/22/12 17:00
Analyst: JB

Extraction Method: EPA 3510C
Extraction Date: 07/17/12 12:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG551673-1					
Acenaphthene	ND		ug/l	2.0	--
Hexachlorobenzene	ND		ug/l	2.0	--
Bis(2-chloroethyl)ether	ND		ug/l	2.0	--
2-Chloronaphthalene	ND		ug/l	2.0	--
3,3'-Dichlorobenzidine	ND		ug/l	5.0	--
2,4-Dinitrotoluene	ND		ug/l	5.0	--
2,6-Dinitrotoluene	ND		ug/l	5.0	--
Fluoranthene	ND		ug/l	2.0	--
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	--
4-Bromophenyl phenyl ether	ND		ug/l	2.0	--
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	--
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	--
Hexachlorobutadiene	ND		ug/l	2.0	--
Hexachlorocyclopentadiene	ND		ug/l	20	--
Hexachloroethane	ND		ug/l	2.0	--
Isophorone	ND		ug/l	5.0	--
Naphthalene	ND		ug/l	2.0	--
Nitrobenzene	ND		ug/l	2.0	--
NDPA/DPA	ND		ug/l	2.0	--
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	--
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	--
Butyl benzyl phthalate	ND		ug/l	5.0	--
Di-n-butylphthalate	ND		ug/l	5.0	--
Di-n-octylphthalate	ND		ug/l	5.0	--
Diethyl phthalate	ND		ug/l	5.0	--
Dimethyl phthalate	ND		ug/l	5.0	--
Benzo(a)anthracene	ND		ug/l	2.0	--
Benzo(a)pyrene	ND		ug/l	2.0	--
Benzo(b)fluoranthene	ND		ug/l	2.0	--
Benzo(k)fluoranthene	ND		ug/l	2.0	--
Chrysene	ND		ug/l	2.0	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212527

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/22/12 17:00
Analyst: JB

Extraction Method: EPA 3510C
Extraction Date: 07/17/12 12:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG551673-1					
Acenaphthylene	ND		ug/l	2.0	--
Anthracene	ND		ug/l	2.0	--
Benzo(ghi)perylene	ND		ug/l	2.0	--
Fluorene	ND		ug/l	2.0	--
Phenanthrene	ND		ug/l	2.0	--
Dibenzo(a,h)anthracene	ND		ug/l	2.0	--
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	--
Pyrene	ND		ug/l	2.0	--
Biphenyl	ND		ug/l	2.0	--
4-Chloroaniline	ND		ug/l	5.0	--
2-Nitroaniline	ND		ug/l	5.0	--
3-Nitroaniline	ND		ug/l	5.0	--
4-Nitroaniline	ND		ug/l	5.0	--
Dibenzofuran	ND		ug/l	2.0	--
2-Methylnaphthalene	ND		ug/l	2.0	--
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	--
Acetophenone	ND		ug/l	5.0	--
2,4,6-Trichlorophenol	ND		ug/l	5.0	--
p-Chloro-m-cresol	ND		ug/l	2.0	--
2-Chlorophenol	ND		ug/l	2.0	--
2,4-Dichlorophenol	ND		ug/l	5.0	--
2,4-Dimethylphenol	ND		ug/l	5.0	--
2-Nitrophenol	ND		ug/l	10	--
4-Nitrophenol	ND		ug/l	10	--
2,4-Dinitrophenol	ND		ug/l	20	--
4,6-Dinitro-o-cresol	ND		ug/l	10	--
Pentachlorophenol	ND		ug/l	10	--
Phenol	ND		ug/l	5.0	--
2-Methylphenol	ND		ug/l	5.0	--
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	--
2,4,5-Trichlorophenol	ND		ug/l	5.0	--

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212527
Report Date: 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/22/12 17:00
Analyst: JB

Extraction Method: EPA 3510C
Extraction Date: 07/17/12 12:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG551673-1					
Carbazole	ND		ug/l	2.0	--
Atrazine	ND		ug/l	10	--
Benzaldehyde	ND		ug/l	5.0	--
Caprolactam	ND		ug/l	10	--
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	89		15-120
2,4,6-Tribromophenol	96		10-120
4-Terphenyl-d14	108		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212527

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-10 Batch: WG550870-2 WG550870-3								
Acenaphthene	71		78		31-137	9		50
Hexachlorobenzene	75		78		40-140	4		50
Bis(2-chloroethyl)ether	65		67		40-140	3		50
2-Chloronaphthalene	71		73		40-140	3		50
3,3'-Dichlorobenzidine	51		52		40-140	2		50
2,4-Dinitrotoluene	79		84		28-89	6		50
2,6-Dinitrotoluene	81		77		40-140	5		50
Fluoranthene	78		85		40-140	9		50
4-Chlorophenyl phenyl ether	75		78		40-140	4		50
4-Bromophenyl phenyl ether	80		82		40-140	2		50
Bis(2-chloroisopropyl)ether	69		67		40-140	3		50
Bis(2-chloroethoxy)methane	70		64		40-117	9		50
Hexachlorobutadiene	67		78		40-140	15		50
Hexachlorocyclopentadiene	45		48		40-140	6		50
Hexachloroethane	64		68		40-140	6		50
Isophorone	69		64		40-140	8		50
Naphthalene	66		70		40-140	6		50
Nitrobenzene	66		71		40-140	7		50
NitrosoDiPhenylAmine(NDPA)/DPA	80		84		36-157	5		50
n-Nitrosodi-n-propylamine	71		66		32-121	7		50
Bis(2-Ethylhexyl)phthalate	86		87		40-140	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212527

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-10 Batch: WG550870-2 WG550870-3								
Butyl benzyl phthalate	78		86		40-140	10		50
Di-n-butylphthalate	80		85		40-140	6		50
Di-n-octylphthalate	84		85		40-140	1		50
Diethyl phthalate	78		82		40-140	5		50
Dimethyl phthalate	78		80		40-140	3		50
Benzo(a)anthracene	78		82		40-140	5		50
Benzo(a)pyrene	78		78		40-140	0		50
Benzo(b)fluoranthene	80		78		40-140	3		50
Benzo(k)fluoranthene	82		82		40-140	0		50
Chrysene	80		83		40-140	4		50
Acenaphthylene	70		75		40-140	7		50
Anthracene	75		82		40-140	9		50
Benzo(ghi)perylene	76		76		40-140	0		50
Fluorene	71		76		40-140	7		50
Phenanthrene	76		82		40-140	8		50
Dibenzo(a,h)anthracene	80		79		40-140	1		50
Indeno(1,2,3-cd)Pyrene	78		75		40-140	4		50
Pyrene	76		85		35-142	11		50
Biphenyl	62		70		54-104	12		50
4-Chloroaniline	50		45		40-140	11		50
2-Nitroaniline	79		78		47-134	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212527

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-10 Batch: WG550870-2 WG550870-3								
3-Nitroaniline	58		53		26-129	9		50
4-Nitroaniline	78		80		41-125	3		50
Dibenzofuran	74		79		40-140	7		50
2-Methylnaphthalene	67		73		40-140	9		50
1,2,4,5-Tetrachlorobenzene	62		70		40-117	12		50
Acetophenone	63		60		14-144	5		50
2,4,6-Trichlorophenol	84		84		30-130	0		50
P-Chloro-M-Cresol	84		82		26-103	2		50
2-Chlorophenol	76		72		25-102	5		50
2,4-Dichlorophenol	79		86		30-130	8		50
2,4-Dimethylphenol	76		72		30-130	5		50
2-Nitrophenol	71		68		30-130	4		50
4-Nitrophenol	91		88		11-114	3		50
2,4-Dinitrophenol	60		62		4-130	3		50
4,6-Dinitro-o-cresol	72		66		10-130	9		50
Pentachlorophenol	74		73		17-109	1		50
Phenol	72		65		26-90	10		50
2-Methylphenol	70		68		30-130.	3		50
3-Methylphenol/4-Methylphenol	72		69		30-130	4		50
2,4,5-Trichlorophenol	88		83		30-130	6		50
Carbazole	78		83		54-128	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212527

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-10 Batch: WG550870-2 WG550870-3								
Atrazine	73		77		40-140	5		50
Benzaldehyde	73		73		40-140	0		50
Caprolactam	79		80		15-130	1		50
2,3,4,6-Tetrachlorophenol	77		82		40-140	6		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	83		81		25-120
Phenol-d6	81		78		10-120
Nitrobenzene-d5	70		67		23-120
2-Fluorobiphenyl	72		77		30-120
2,4,6-Tribromophenol	76		88		0-136
4-Terphenyl-d14	77		85		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212527

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG551673-2 WG551673-3								
Acenaphthene	74		72		37-111	3		30
Hexachlorobenzene	76		71		40-140	7		30
Bis(2-chloroethyl)ether	79		71		40-140	11		30
2-Chloronaphthalene	76		73		40-140	4		30
3,3'-Dichlorobenzidine	71		79		40-140	11		30
2,4-Dinitrotoluene	89		84		24-96	6		30
2,6-Dinitrotoluene	84		78		40-140	7		30
Fluoranthene	81		80		40-140	1		30
4-Chlorophenyl phenyl ether	78		73		40-140	7		30
4-Bromophenyl phenyl ether	76		71		40-140	7		30
Bis(2-chloroisopropyl)ether	86		76		40-140	12		30
Bis(2-chloroethoxy)methane	78		71		40-140	9		30
Hexachlorobutadiene	62		62		40-140	0		30
Hexachlorocyclopentadiene	46		47		40-140	2		30
Hexachloroethane	63		61		40-140	3		30
Isophorone	78		71		40-140	9		30
Naphthalene	70		67		40-140	4		30
Nitrobenzene	82		76		40-140	8		30
NitrosoDiPhenylAmine(NDPA)/DPA	75		71		40-140	5		30
n-Nitrosodi-n-propylamine	79		70		29-132	12		30
Bis(2-Ethylhexyl)phthalate	100		92		40-140	8		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212527

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG551673-2 WG551673-3								
Butyl benzyl phthalate	92		90		40-140	2		30
Di-n-butylphthalate	92		89		40-140	3		30
Di-n-octylphthalate	108		99		40-140	9		30
Diethyl phthalate	86		80		40-140	7		30
Dimethyl phthalate	81		76		40-140	6		30
Benzo(a)anthracene	84		79		40-140	6		30
Benzo(a)pyrene	84		81		40-140	4		30
Benzo(b)fluoranthene	88		78		40-140	12		30
Benzo(k)fluoranthene	84		86		40-140	2		30
Chrysene	80		78		40-140	3		30
Acenaphthylene	76		70		45-123	8		30
Anthracene	81		79		40-140	3		30
Benzo(ghi)perylene	86		84		40-140	2		30
Fluorene	79		75		40-140	5		30
Phenanthrene	81		79		40-140	3		30
Dibenzo(a,h)anthracene	91		89		40-140	2		30
Indeno(1,2,3-cd)Pyrene	91		89		40-140	2		30
Pyrene	80		79		26-127	1		30
Biphenyl	74		72			3		30
4-Chloroaniline	67		63		40-140	6		30
2-Nitroaniline	84		80		52-143	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212527

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG551673-2 WG551673-3								
3-Nitroaniline	55		66		25-145	18		30
4-Nitroaniline	73		72		51-143	1		30
Dibenzofuran	77		73		40-140	5		30
2-Methylnaphthalene	71		68		40-140	4		30
1,2,4,5-Tetrachlorobenzene	73		69		2-134	6		30
Acetophenone	82		75		39-129	9		30
2,4,6-Trichlorophenol	88		82		30-130	7		30
P-Chloro-M-Cresol	87		80		23-97	8		30
2-Chlorophenol	80		73		27-123	9		30
2,4-Dichlorophenol	84		80		30-130	5		30
2,4-Dimethylphenol	76		68		30-130	11		30
2-Nitrophenol	88		79		30-130	11		30
4-Nitrophenol	54		56		10-80	4		30
2,4-Dinitrophenol	89		90		20-130	1		30
4,6-Dinitro-o-cresol	84		78		20-164	7		30
Pentachlorophenol	78		77		9-103	1		30
Phenol	42		38		12-110	10		30
2-Methylphenol	72		63		30-130	13		30
3-Methylphenol/4-Methylphenol	71		67		30-130	6		30
2,4,5-Trichlorophenol	89		81		30-130	9		30
Carbazole	81		79		55-144	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212527

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG551673-2 WG551673-3								
Atrazine	102		101		40-140	1		30
Benzaldehyde	90		89		40-140	1		30
Caprolactam	30		29		10-130	3		30
2,3,4,6-Tetrachlorophenol	84		78		40-140	7		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	59		54		21-120
Phenol-d6	39		35		10-120
Nitrobenzene-d5	84		76		23-120
2-Fluorobiphenyl	75		71		15-120
2,4,6-Tribromophenol	89		90		10-120
4-Terphenyl-d14	87		85		41-149

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212527
Report Date: 08/16/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-10 QC Batch ID: WG550870-4 WG550870-5 QC Sample: L1212527-07 Client ID: S-12L-B002-17.5-18												
Acenaphthene	ND	1400	1000	71		1000	71		31-137	0		50
Hexachlorobenzene	ND	1400	1100	78		1100	78		40-140	0		50
Bis(2-chloroethyl)ether	ND	1400	980	70		960	68		40-140	2		50
2-Chloronaphthalene	ND	1400	1000	71		1100	78		40-140	10		50
3,3'-Dichlorobenzidine	ND	1400	640	46		580	41		40-140	10		50
2,4-Dinitrotoluene	ND	1400	1100	78		1200	85		28-89	9		50
2,6-Dinitrotoluene	ND	1400	1200	86		1200	85		40-140	0		50
Fluoranthene	ND	1400	1100	78		1200	85		40-140	9		50
4-Chlorophenyl phenyl ether	ND	1400	1100	78		1100	78		40-140	0		50
4-Bromophenyl phenyl ether	ND	1400	1200	86		1200	85		40-140	0		50
Bis(2-chloroisopropyl)ether	ND	1400	980	70		1000	71		40-140	2		50
Bis(2-chloroethoxy)methane	ND	1400	920	66		1000	71		40-117	8		50
Hexachlorobutadiene	ND	1400	1000	71		1000	71		40-140	0		50
Hexachlorocyclopentadiene	ND	1400	570	41		670	48		40-140	16		50
Hexachloroethane	ND	1400	920	66		950	67		40-140	3		50
Isophorone	ND	1400	920	66		960	68		40-140	4		50
Naphthalene	ND	1400	930	66		940	67		40-140	1		50
Nitrobenzene	ND	1400	920	66		970	69		40-140	5		50
NitrosoDiPhenylAmine(NDPA)/DPA	ND	1400	1200	86		1100	78		36-157	9		50
n-Nitrosodi-n-propylamine	ND	1400	950	68		960	68		32-121	1		50
Bis(2-Ethylhexyl)phthalate	ND	1400	1200	86		1200	85		40-140	0		50

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212527
Report Date: 08/16/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-10 QC Batch ID: WG550870-4 WG550870-5 QC Sample: L1212527-07 Client ID: S-12L-B002-17.5-18												
Butyl benzyl phthalate	ND	1400	1200	86		1200	85		40-140	0		50
Di-n-butylphthalate	ND	1400	1200	86		1200	85		40-140	0		50
Di-n-octylphthalate	ND	1400	1200	86		1200	85		40-140	0		50
Diethyl phthalate	ND	1400	1100	78		1100	78		40-140	0		50
Dimethyl phthalate	ND	1400	1100	78		1100	78		40-140	0		50
Benzo(a)anthracene	ND	1400	1100	78		1100	78		40-140	0		50
Benzo(a)pyrene	ND	1400	1100	78		1200	85		40-140	9		50
Benzo(b)fluoranthene	ND	1400	1100	78		1200	85		40-140	9		50
Benzo(k)fluoranthene	ND	1400	1100	78		1200	85		40-140	9		50
Chrysene	ND	1400	1100	78		1200	85		40-140	9		50
Acenaphthylene	ND	1400	1000	71		1100	78		40-140	10		50
Anthracene	ND	1400	1100	78		1200	85		40-140	9		50
Benzo(ghi)perylene	ND	1400	1100	78		1200	85		40-140	9		50
Fluorene	ND	1400	1000	71		1000	71		40-140	0		50
Phenanthrene	ND	1400	1100	78		1100	78		40-140	0		50
Dibenzo(a,h)anthracene	ND	1400	1100	78		1200	85		40-140	9		50
Indeno(1,2,3-cd)Pyrene	ND	1400	1100	78		1200	85		40-140	9		50
Pyrene	ND	1400	1100	78		1200	85		35-142	9		50
Biphenyl	ND	1400	900	64		910	65		54-104	1		50
4-Chloroaniline	ND	1400	710	51		830	59		40-140	16		50
2-Nitroaniline	ND	1400	1100	78		1200	85		47-134	9		50

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212527
Report Date: 08/16/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-10 QC Batch ID: WG550870-4 WG550870-5 QC Sample: L1212527-07 Client ID: S-12L-B002-17.5-18												
3-Nitroaniline	ND	1400	810	58		850	60		26-129	5		50
4-Nitroaniline	ND	1400	1200	86		1100	78		41-125	9		50
Dibenzofuran	ND	1400	1000	71		1100	78		40-140	10		50
2-Methylnaphthalene	ND	1400	970	69		990	70		40-140	2		50
1,2,4,5-Tetrachlorobenzene	ND	1400	910	65		910	65		40-117	0		50
Acetophenone	ND	1400	860	61		930	66		14-144	8		50
2,4,6-Trichlorophenol	ND	1400	1100	78		1200	85		30-130	9		50
P-Chloro-M-Cresol	ND	1400	1200	86		1300	92		26-103	8		50
2-Chlorophenol	ND	1400	1000	71		1100	78		25-102	10		50
2,4-Dichlorophenol	ND	1400	1100	78		1200	85		30-130	9		50
2,4-Dimethylphenol	ND	1400	1100	78		1000	71		30-130	10		50
2-Nitrophenol	ND	1400	990	71		1000	71		30-130	1		50
4-Nitrophenol	ND	1400	1500	110		1500	110		11-114	0		50
2,4-Dinitrophenol	ND	1400	970	69		920	65		4-130	5		50
4,6-Dinitro-o-cresol	ND	1400	1100	78		1100	78		10-130	0		50
Pentachlorophenol	ND	1400	980	70		1000	71		17-109	2		50
Phenol	180	1400	1100	78		1200	85		26-90	9		50
2-Methylphenol	ND	1400	1000	71		1100	78		30-130.	10		50
3-Methylphenol/4-Methylphenol	ND	1400	1000	71		1100	78		30-130	10		50
2,4,5-Trichlorophenol	ND	1400	1200	86		1300	92		30-130	8		50
Carbazole	ND	1400	1200	86		1200	85		54-128	0		50

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212527
Report Date: 08/16/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-10 QC Batch ID: WG550870-4 WG550870-5 QC Sample: L1212527-07 Client ID: S-12L-B002-17.5-18												
Atrazine	ND	1400	1000	71		1100	78		40-140	10		50
Benzaldehyde	ND	1400	1000	71		1100	78		40-140	10		50
Caprolactam	ND	1400	1200	86		1200	85		15-130	0		50
2,3,4,6-Tetrachlorophenol	ND	1400	1200	86		1100	78		40-140	9		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	81		92		0-136
2-Fluorobiphenyl	71		78		30-120
2-Fluorophenol	80		83		25-120
4-Terphenyl-d14	82		86		18-120
Nitrobenzene-d5	70		73		23-120
Phenol-d6	83		87		10-120

INORGANICS
&
MISCELLANEOUS

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212527
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212527-01
Client ID: S-12L-B002-5.5-6.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/13/12 08:25
Date Received: 07/13/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	65		%	0.10	NA	1	-	07/13/12 23:24	30,2540G	ML

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212527
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212527-02
Client ID: S-12L-B002-5.5-6.0 REP
Sample Location: NEW BEDFORD, MA
Matrix: Sediment
Date Collected: 07/13/12 08:25
Date Received: 07/13/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	69		%	0.10	NA	1	-	07/13/12 23:24	30,2540G	ML

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212527
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212527-04
Client ID: S-12L-B002-8.0-8.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/13/12 08:45
Date Received: 07/13/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88		%	0.10	NA	1	-	07/13/12 23:24	30,2540G	ML

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212527
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212527-05
Client ID: S-12L-B002-12-12.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/13/12 09:30
Date Received: 07/13/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93		%	0.10	NA	1	-	07/13/12 23:24	30,2540G	ML

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212527
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212527-06
Client ID: S-12L-B002-14-14.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/13/12 09:30
Date Received: 07/13/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85		%	0.10	NA	1	-	07/13/12 23:24	30,2540G	ML

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212527
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212527-07
Client ID: S-12L-B002-17.5-18
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/13/12 10:00
Date Received: 07/13/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92		%	0.10	NA	1	-	07/13/12 23:24	30,2540G	ML

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212527
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212527-08
Client ID: S-12L-B002-19.5-20
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/13/12 10:00
Date Received: 07/13/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87		%	0.10	NA	1	-	07/13/12 23:24	30,2540G	ML

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212527
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212527-09
Client ID: S-12L-B002-24-24.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/13/12 10:50
Date Received: 07/13/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89		%	0.10	NA	1	-	07/13/12 23:24	30,2540G	ML

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212527
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212527-10
Client ID: S-12L-B002-24.5-25
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/13/12 10:50
Date Received: 07/13/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85		%	0.10	NA	1	-	07/13/12 23:24	30,2540G	ML

Lab Duplicate Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212527
Report Date: 08/16/12

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02,04-10 QC Batch ID: WG550832-1 QC Sample: L1212527-07 Client ID: S-12L-B002-17.5-18						
Solids, Total	92	91	%	1		20

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212527
Report Date: 08/16/12

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 07/13/2012 21:36

Cooler Information Custody Seal

Cooler	
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1212527-01A	Amber 250ml unpreserved	B	N/A	5.0	Y	Absent	8270TCL(14)
L1212527-01B	Amber 250ml unpreserved	B	N/A	5.0	Y	Absent	HOLD-CONTINGENCY(14)
L1212527-02A	Amber 250ml unpreserved	B	N/A	5.0	Y	Absent	8270TCL(14)
L1212527-02B	Amber 250ml unpreserved	B	N/A	5.0	Y	Absent	HOLD-CONTINGENCY(14)
L1212527-03A	Amber 1000ml unpreserved	A	7	2.7	Y	Absent	8270TCL(7)
L1212527-03B	Amber 1000ml unpreserved	A	7	2.7	Y	Absent	8270TCL(7)
L1212527-04A	Amber 250ml unpreserved	B	N/A	5.0	Y	Absent	8270TCL(14)
L1212527-04B	Amber 250ml unpreserved	B	N/A	5.0	Y	Absent	HOLD-CONTINGENCY(14)
L1212527-05A	Amber 250ml unpreserved	B	N/A	5.0	Y	Absent	8270TCL(14)
L1212527-05B	Amber 250ml unpreserved	B	N/A	5.0	Y	Absent	HOLD-CONTINGENCY(14)
L1212527-06A	Amber 250ml unpreserved	B	N/A	5.0	Y	Absent	8270TCL(14)
L1212527-06B	Amber 250ml unpreserved	B	N/A	5.0	Y	Absent	HOLD-CONTINGENCY(14)
L1212527-07A	Amber 250ml unpreserved	B	N/A	5.0	Y	Absent	8270TCL(14)
L1212527-07B	Amber 250ml unpreserved	B	N/A	5.0	Y	Absent	8270TCL(14)
L1212527-07C	Amber 250ml unpreserved	B	N/A	5.0	Y	Absent	HOLD-CONTINGENCY(14)
L1212527-07D	Amber 250ml unpreserved	B	N/A	5.0	Y	Absent	HOLD-CONTINGENCY(14)
L1212527-07E	Vial water preserved	A	N/A	2.7	Y	Absent	8260HLW-WHG(14)
L1212527-07F	Vial water preserved	A	N/A	2.7	Y	Absent	8260HLW-WHG(14)
L1212527-07G	Vial water preserved	A	N/A	2.7	Y	Absent	8260HLW-WHG(14)
L1212527-07H	Vial water preserved	A	N/A	2.7	Y	Absent	8260HLW-WHG(14)
L1212527-08A	Amber 250ml unpreserved	B	N/A	5.0	Y	Absent	8270TCL(14)
L1212527-08B	Amber 250ml unpreserved	B	N/A	5.0	Y	Absent	HOLD-CONTINGENCY(14)
L1212527-08C	Vial water preserved	A	N/A	2.7	Y	Absent	8260HLW-WHG(14)
L1212527-08D	Vial water preserved	A	N/A	2.7	Y	Absent	8260HLW-WHG(14)
L1212527-09A	Amber 250ml unpreserved	B	N/A	5.0	Y	Absent	8270TCL(14)
L1212527-09B	Amber 250ml unpreserved	B	N/A	5.0	Y	Absent	HOLD-CONTINGENCY(14)

(*) Values in parentheses indicate holding time in days

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212527
Report Date: 08/16/12

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1212527-09C	Vial water preserved	A	N/A	2.7	Y	Absent	8260HLW-WHG(14)
L1212527-09D	Vial water preserved	A	N/A	2.7	Y	Absent	8260HLW-WHG(14)
L1212527-10A	Amber 250ml unpreserved	A	N/A	2.7	Y	Absent	8270TCL(14)
L1212527-10B	Amber 250ml unpreserved	A	N/A	2.7	Y	Absent	HOLD-CONTINGENCY(14)
L1212527-10C	Vial water preserved	A	N/A	2.7	Y	Absent	8260HLW-WHG(14)
L1212527-10D	Vial water preserved	A	N/A	2.7	Y	Absent	8260HLW-WHG(14)
L1212527-11B	Vial water preserved	A	N/A	2.7	Y	Absent	8260HLW-WHG(14)
L1212527-11C	Vial water preserved	A	N/A	2.7	Y	Absent	8260HLW-WHG(14)

Container Comments

L1212527-04A

L1212527-07B

(*) Values in parentheses indicate holding time in days

Project Name:	NEW BEDFORD AEROVOX	**Lab Number:**	L1212527
Project Number:	TO-0010-05	**Report Date:**	08/16/12

GLOSSARY

Acronyms

EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than five times (5x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit.
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
D	- Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
E	- Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
G	- The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
H	- The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
I	- The RPD between the results for the two columns exceeds the method-specified criteria; however, the lower value has been reported due to obvious interference.
M	- Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
NJ	- Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

Report Format: Data Usability Report

Project Name:	NEW BEDFORD AEROVOX	**Lab Number:**	L1212527
Project Number:	TO-0010-05	**Report Date:**	08/16/12

Data Qualifiers

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the reporting limit (RL) for the sample.

Report Format: Data Usability Report

Project Name:	NEW BEDFORD AEROVOX	**Lab Number:**	L1212527
Project Number:	TO-0010-05	**Report Date:**	08/16/12

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certificate/Approval Program Summary

Last revised August 3, 2012 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0574. ***NELAP Accredited Solid Waste/Soil.***

Drinking Water (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Nickel, Selenium, Silver, Sodium, Thallium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP) 504.1, Ethylene Dibromide (EDB) 504.1, 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223, Enumeration and P/A), E. Coli. – Colilert (SM9223, Enumeration and P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform-EC Medium (SM 9221E).

Wastewater/Non-Potable Water (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), E. Coli – Colilert (SM9223 Enumeration), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E), Enterococcus - Enterolert.

Solid Waste/Soil (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Dalapon, Volatile Organics (SW 8260), Acid Extractables (Phenols) (SW 8270), Benzidines (SW 8270), Phthalates (SW 8270), Nitrosamines (SW 8270), Nitroaromatics & Cyclic Ketones (SW 8270), PAHs (SW 8270), Haloethers (SW 8270), Chlorinated Hydrocarbons (SW 8270).)

Maine Department of Human Services Certificate/Lab ID: 2009024.
Drinking Water (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 353.2, SM2130B, 2320B, 2540C, 4500Cl-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 350.1, 351.1, 353.2, 410.4, 420.1, SM2320B, 2510B, 2540C, 2540D, 426C, 4500Cl-D, 4500Cl-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-B, 4500Norg-C, 4500NH3-B, 4500NH3-G, 4500NO3-F, 4500P-B, 4500P-E, 5210B, 5220D, 5310C, 9010B, 9040B, 9030B, 7470A, 7196A, 2340B, EPA 200.7, 6010B, 200.8, 6020, 245.1, 1311, 1312, 3005A, Enterolert, 9223D, 9222D. Organic Parameters: 608, 624, 625, 8081A, 8082, 8330, 8151A, 8260B, 8270C, 3510C, 3630C, 5030B, ME-DRO, ME-GRO, MA-EPH, MA-VPH.)

Solid Waste/Soil (Inorganic Parameters: 9010B, 9012A, 9014A, 9030B, 9040B, 9045C, 6010B, 7471A, 7196A, 9050A, 1010, 1030, 9065, 1311, 1312, 3005A, 3050B. Organic Parameters: ME-DRO, ME-GRO, MA-EPH, MA-VPH, 8260B, 8270C, 8330, 8151A, 8081A, 8082, 3540C, 3546, 3580A, 3630C, 5030B, 5035.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.
*Drinking Water (*Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl) (EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate); (EPA 353.2 for: Nitrate-N, Nitrite-N); (SM4500NO3-F for: Nitrate-N and Nitrite-N); 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, 2320B, SM2540C, SM4500H-B. Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics); (504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), EPA 332. Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; ColilertQT SM9223B; MF-SM9222D.)
Non-Potable Water (Inorganic Parameters:, (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn); (EPA 200.7

for: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn); 245.1, SM4500H,B, EPA 120.1, SM2510B, 2540C, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.
Organic Parameters: (EPA 624 for Volatile Halocarbons, Volatile Aromatics),(608 for: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT,Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs-Water), (EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables), 600/4-81-045-PCB-Oil. Microbiology Parameters: (ColilertQT SM9223B; Enterolert-QT: SM9222D-MF.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM 9222B, 9223B, 9215B, EPA 200.7, 200.8, 300.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 332.0. Organic Parameters: 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM9222D, 9221B, 9222B, 9221E-EC, EPA 3005A, 200.7, 200.8, 245.1, SW-846 6010B, 6010C, 6020, 6020A, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 350.2, 351.1, 353.2, 410.4, 420.1, 426C, 1664A, SW-846 9010B, 9030B, 9040B, SM2120B, 2310B, 2320B, 2540B, 2540D, 4500H+B, 4500CL-E, 4500CN-E, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500P-E, 4500-S2-D, 5210B, 5220D, 2510B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D, 3060A. Organic Parameters: SW-846 3510C, 3630C, 5030B, 8260B, 8270C, 8270D, 8330, EPA 624, 625, 608, SW-846 8082, 8082A, 8081A, 8081B, 8151A, 8330, 8270C-SIM, 8270D-SIM.)

Solid & Chemical Materials (Inorganic Parameters: SW-846 6010B, 6010C, 7196A, 7471A, 1010, 1030, 9010, 9012A, 9014, 9030B, 9040B, 9045C, 9050, 9065,1311, 1312, 3005A, 3050B, 3060A. Organic Parameters: SW-846 3540C, 3546, 3050B, 3580A, 3630C, 5030B, 5035, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330, 8151A, 8015B, 8015C, 8082, 8082A, 8081A, 8081B.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9222B, 9221E, 9223B, 9215B, 4500CN-CE, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 200.8, 245.1, 2540C, SM2120B, 2320B, 2510B, 5310C, SM4500H-B. Organic Parameters: EPA 332, 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM5210B, EPA 410.4, SM5220D, 4500Cl-E, EPA 300.0, SM2120B, 2340B, SM4500F-BC, EPA 200.7, 200.8, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310B, C or D, 4500-PE, EPA 420.1, SM510ABC, SM4500P-B5+E, 2540B, 2540C, 2540D, 2540G, EPA 120.1, SM2510B, SM2520B, SM15 426C, 9222D, 9221B, 9221C, 9221E, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, EPA 350.1, 350.2, SW-846 1312, 7470A, 5540C, SM4500H-B, 4500SO3-B, SM3500Cr-D, 4500CN-CE, EPA 245.1, SW-846 9040B, 3005A, 3015, EPA 6010B, 6010C, 6020, 6020A, 7196A, 3060A, SW-846 9010B, 9030B. Organic Parameters: SW-846 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3510C, EPA 608, 624, 625, SW-846 3630C, 5030B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 1,4-Dioxane by NJ Modified 8270, 8015B, NJ EPH.)

Solid & Chemical Materials (Inorganic Parameters: SW-846, 6010B, 6010C, 6020, 6020A, 7196A, 3060A, 9010B, 9030B, 1010, 1030, 1311, 1312, 3005A, 3050B, 7471A, 7471B, 9014, 9012A, 9040B, 9040C, 9045C, 9045D, 9050A, 9065, 9251. Organic Parameters: SW-846 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3540C, 3546, 3580A, 3630C, 5030B, 5035L, 5035H, NJ OQA-QAM-025 Rev.7, NJ EPH.)

New York Department of Health Certificate/Lab ID: 11148. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.2, SM5310C, EPA 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500NO3-F, 2540C, SM 2510B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, 5310C, EPA 410.4, SM5220D, 2310B-4a, 2320B, EPA 200.7, 300.0, SM4500CL-E, 4500F-C, SM15 426C, EPA 350.1, SM4500NH3-BH, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010B, 6010C, 6020, 6020A, EPA 7196A, SM3500Cr-D, EPA 245.1, 245.2, 7470A, SM2120B, LACHAT 10-204-00-1-A, 4500CN-CE, EPA 1664A, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 3005A, 3015, 9010B, 9030B. Organic Parameters: EPA 624, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 625, 608, 8081A, 8081B, 8151A, 8330, 8082, 8082A, EPA 3510C, 5030B.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010, 1030, EPA 6010B, 6010C, 7196A, 7471A, 7471B, 9012A, 9014, 9065, 9050A, EPA 1311, 1312, 3005A, 3050B, 9010B, 9040C, 9045D. Organic Parameters: EPA 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8015B, 8015C, 8081A, 8081B, 8151A, 8330, 8082 8082A, 3540C, 3546, 3580, 3580A, 5030B, 5035H, 5035L.)

North Carolina Department of the Environment and Natural Resources Certificate/Lab ID : 666. (Inorganic Parameters: SM2310B, 2320B, 4500Cl-E, 4500Cn-E, 9014, Lachat 10-204-00-1-X, 1010A, 1030, 4500NO3-F, 353.2, 4500P-E, 4500SO4-E, 300.0, 4500S-D, 5310B, 5310C, 6010C, 6020A, 200.7, 200.8, 3500Cr-B, 7196A, 245.1, 7471A, 7471B, 1311,1312. Organic Parameters: 608, 8081B, 8082A, 624, 8260B, 625, 8270D, 8151A, 8015C, 504.1, MA-EPH, MA-VPH.)

Drinking Water Program Certificate/Lab ID: 25700. (Inorganic Parameters: Chloride EPA 300.0. Organic Parameters: 524.2)

Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: 200.7, 200.8, 245.2, 300.0, 332.0, 2120B, 2320B, 2510B, 2540C, 4500-CN-CE, 4500F-C, 4500H+-B, 4500NO3-F, 5310C. Organic Parameters: EPA 524.2, 504.1)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1312, 3005A,3015, 3060A, 200.7, 200.8, 410.4, 1664A, SM2540D, 5210B, 5220D, 4500-P,BE, 245.1, 300.0, 3501., 350.2, 353.2, 420.1, 6010B, 6010C, 6020, 6020A, 7196A, 7470A, 9010B, 9030B, 9040B, Lachat 10-107-06-2-D, NJ-EPH, 2120B, 2310B, 2320B, 2340B, 2510C, 2540B, 2540C, 3500Cr-D, 436C, 4500CN-CE, 4500Cl-E, 4500F-B, 4500F-C, 4500H+-B, 4500NO2-B, 4500NO3-F, 4500S-D, 4500SO3-B, 5310BCD, 5540C. Organic Parameters: EPA 3510C, 3630C, 5030B, 625, 624, 608, 8081A, 8081B, 8082, 8082A, 8151A, 8260B, 8270C, 8270D, 8330, 8015B,)

Solid & Hazardous Waste (Inorganic Parameters: EPA 350.1, 1010, 1030, 1311, 1312, 3005A, 3050B, 3060A, 6010B, 6010C, 6020A, 7196A, 7471A, 7471B, 9010B, 9012A, 9014, 9040B, 9045C, 9050, 9065, SM 4500NH3-BH, 9030B, 9038, 9251. Organic Parameters: 3540C, 3546, 3580A, 3630C, 5035, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330, NJ-EPH.)

Rhode Island Department of Health Certificate/Lab ID: LAO00065. ***NELAP Accredited via NJ-DEP.***
Refer to MA-DEP Certificate for Potable and Non-Potable Water.
Refer to NJ-DEP Certificate for Potable and Non-Potable Water.

Texas Commisson on Environmental Quality Certificate/Lab ID: T104704476-09-1. ***NELAP Accredited.***
Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 $S2^{-}$D, 510C, 5210B, 5220D, 5310C, 5540C. Organic Parameters: EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

Virginia Division of Consolidated Laboratory Services Certificate/Lab ID: 460195. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: EPA 200.7, 200.8, 300.0, 2510B, 2120B, 2540C, 4500CN-CE, 245.2, 2320B, 4500F-C, 4500F-C, 4500NO3-F, 5310C. Organic Parameters: EPA 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 200.7, 2..08, 245.1, 300.0, 3005A, 3015, 1312, 6010B, 6010C, 3060A, 353.2, 420.1, 6020, 6020A, SM4500S-D, SM4500-CN-CE, Lachat 10-204-00-1-X, 7196A, 7470A, 9010B, 9040B, 2310B, 2320B, 2510B, 2540B, 2540C, 3500Cr-D, 426C, 4500Cl-E, 4500F-B, 4500F-C, 4500PE, 510AC, 5210B, 5310B 5310C, 5540C. Organic Parameters: EPA 3510C, 3630C, 5030B, 8260B, 608, 624, 625, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330,)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010A, 1030, 3060A, 3050B, 1311, 1312, 6010B, 6010C, 6020, , 7196A, 7471A, 7471B, 6020A, 9030B, 9010B, 9012A, 9014 9040B, 9045C, 9050A, 9065. Organic Parameters: EPA 5035, 3540C, 3546, 3550, 3580, 3630C, 8260B, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330.)

Department of Defense, L-A-B Certificate/Lab ID: L2217.
Drinking Water (Inorganic Parameters: SM 4500H-B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: EPA 200.7, 200.8, 6010B, 6010C, 6020, 6020A, 245.1, 245.2, 7470A, 9040B, 9010B, 180.1. 300.0, 332.0, 6860, 353.2, 410.4, 9060, 1664A, SM 4500CN-E, 4500H-B, 4500NO3-F, 4500CL-D, 5220D, 5310C, 2130B, 2320B, 2540C, 3005A, 3015, 9010B, 9056. Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A, 8082, 8082A, 8041A, 8081B, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 200.7, 6010B, 6010C, 7471A, 6860, 1311, 1312, 3050B, 7196A, 9010B, 9012A, 9040B, 9045C, 3500-CR-D, 4500CN-CE, 2540G, Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A/B-prep, 8082, 8082A, 8081A, 8081B, 3540C, 3546, 3580A, 5035A, MassDEP EPH, MassDEP VPH.)

The following analytes are not included in our current NELAP/TNI Scope of Accreditation:
EPA 8260B: Freon-113, 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8330A:** PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C:** Methyl naphthalene, Dimethyl naphthalene, Total Methylnapthalenes, Total Dimethylnaphthalenes, 1,4-Diphenylhydrazine (Azobenzene). **EPA 625:** 4-Chloroaniline, 4-Methylphenol. Total Phosphorus in a soil matrix, Chloride in a soil matrix, TKN in a soil matrix, NO2 in a soil matrix, NO3 in a soil matrix, SO4 in a soil matrix. **EPA 9071:** Total Petroleum Hydrocarbons, Oil & Grease

CHAIN OF CUSTODY

PAGE 1 OF 5

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 7/13/12

ALPHA Job #: L1212527

Client Information

Client: (DGS) Woods Hole Group
Address: 81 Technology Park
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)
Date Due: 7/27/12 Time: 24hr

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
TS, Aroclors and High VOC have 24hr TAT, all else is 15 business days,
Project-specific EDP, Homogenize before analysis

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC	Low VOC	SVOC, Total Solid, PCB	PCB Congeners (Archive)	SAMPLE HANDLING: Filtration ☐ Done ☐ Not needed ☐ Lab to do / Preservation ☐ Lab to do (Please specify below)	Sample Specific Comments	TOTAL # BOTTLES
	S-12L-B002-5.5-6.0	7/13/12	0825	SE	DGS	X					ASB-2	1
	S-12L-B002-5.5-6.0						X					2
12527.1	S-12L-B002-5.5-6.0							X			All 3 analyses	1
1	S-12L-B002-5.5-6.0								X		Archive	1
	S-12L-B002-5.5-6.0 REP					X					REP	1
	S-12L-B002-5.5-6.0 REP						X				REP	2
2	S-12L-B002-5.5-60 REP							X			All 3 analyses REP	1
2	S-12L-B002-5.5-60 REP								X		Archive REP	1
	TB-071312-01		1600		DGS	X					Trip Blank #1	2
	TB-071312-02		1600		DGS		X				Trip Blank #2	2

Container Type	V	V	A	A											
Preservative	R	O	A	A											

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
	7.13.12 2045		7/13/12 2045

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Delivery 001 April 2013

CHAIN OF CUSTODY

PAGE 2 OF 5

Date Rec'd in Lab: 7/13/12

ALPHA Job #: L1212527

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Woods Hole Group
Address: 81 Technology Park
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)
Date Due: 7/27/12 Time: 24 hr

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
TS, Aroclors and High VOC have 24 hr TAT, everything else is 15 business days. Project Specific EDD. Homogenize before final ysis

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solids, PCB	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
	TB-071312-03	7/6/12			KR	X				Trip Blank #3 EB	1
	EB-071312-02	7/13/12	1350	SW	DRV	X				Equip. Blank core	2
12527.3	EB-071312-02	1	1350	SW	DRV			X		Equip Blank Aroclors + SVOC only	4
	S-12L-B002-8.0-8.5	7/13/12	0845	SB	DGS	X					1
	S-12L-B002-8.0-8.5						X				2
4	S-12L-B002-8.0-8.5							X		All 3 analyses	1
4	S-12L-B002-8.0-8.5								X	Archive	1
	S-12L-B002-12-12.5		0930			X					1
	S-12L-B002-12-12.5						X				2
5	S-12L-B002-12-12.5							X		All 3 Analyses	1

Container Type: V V A A
Preservative: F O A A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
	7.13.12 2045		7/13/12 2045

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

CHAIN OF CUSTODY

PAGE 3 OF 5

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 7/13/12

ALPHA Job #: L1212527

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)
Date Due: 7/27/12 Time: 24 hr

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
TS, Aroclor and High VOC have 24 hr TAT, all else is 15 business days. Project-specific EDD, Homogenize before analysis

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solids, PCB Aroclors	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
5	S-12L-B002-12-12.5	7/13/12	0930	SB	DGS				X	Archive	1
	S-12L-B002-14-14.5					X					1
	S-12L-B002-14-14.5						X				2
12527.6	S-12L-B002-14-14.5							X		All 3 analyses	1
6	S-12L-B002-14-14.5								X	Archive	1
	S-12L-B002-17.5-18		1000			X					1
	S-12L-B002-17.5-18						X				2
7	S-12L-B002-17.5-18							X		All 3 analyses	1
	S-12L-B002-17.5-18								X	Archive	1
	S-12L-B002-17.5-18 MS/MSD					X				MS/MSD	1
	Container Type					V	V	A	A		
	Preservative					F	O	A	A		

SAMPLE HANDLING
Filtration
☐ Done ☐ Not needed ☐ Lab to do
Preservation
☐ Lab to do (Please specify below)

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
	7-13-12 2045		7/13/12 2045

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

CHAIN OF CUSTODY

PAGE 4 OF 5

Date Rec'd in Lab: 7/13/12

ALPHA Job #: L1212527

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Woods Hole Group
Address: 81 Technology Park
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)
Date Due: 7/27/12 Time: 24 hr

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
TS, Aroclor and High VOC have 24 hr TAT, all else is 15 business days.
Project-specific EDD, Homogenize before analysis

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid, PCB, Aroclor	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
	S-12L-B002-17.5-18MSMSD	7/13/12	1000	SE	DGS		X			MSMSD	4
12527-7	S-12L-B002-17.5-18MSMSD							X		MSMSD, all 3 analyses	1
7	S-12L-B002-17.5-18MSMSD								X	MSMSD, Archive	1
	S-12L-B002-19.5-20		1000			X					1
	S-12L-B002-19.5-20						X				2
8	S-12L-B002-19.5-20							X		All 3 analyses	1
8	S-12L-B002-19.5-20								X	Archive	1
	S-12L-B002-24-24.5		1050			X					1
	S-12L-B002-24-24.5						X				2
9	S-12L-B002-24-24.5							X		All 3 analyses	1

Container Type	V	V	A	A
Preservative	R	O	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
	7.13.12 2045		7/13/12 2045

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

CHAIN OF CUSTODY

PAGE 5 OF 5

Date Rec'd in Lab: 7/13/12

ALPHA Job #: L1212527

ALPHA ANALYTICAL

WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193

MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Woods Hole Group

Address: 81 Technology Park Dr
East Falmouth, MA 02536

Phone: 508-540-8080

Fax: 508-540-1001

Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox

Project Location: New Bedford, MA

Project #: TO-0010-05

Project Manager: Dave Walsh

ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)

Date Due: 7/27/12 Time: 24 hr

Report Information - Data Deliverables

☐ FAX ☒ EMAIL

☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?

☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)

☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

TS, Aroclor, High VOC have 24 hr TAT, all else is 15 business days
Project-specific EDD; Homogenize before analysis

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid, RB	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
9	S-12L-B002-24-24.5	7/13/12	1050	SE	DGS				X	Archive	1
	S-12L-B002-24.5-25	"	"	"	"	X					2
	S-12L-B002-24.5-25	"	"	"	"		X				2
12527 10	S-12L-B002-24.5-25	"	"	"	"			X		All 3 analyses	1
10	S-12L-B002-24.5-25	"	"	"	"				X	Archive	1

SAMPLE HANDLING

Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

Container Type	V	V	A	A							
Preservative	F	O	A	A							

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
	7.13.12 2045		7/13/12 2045

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

CHAIN OF CUSTODY

PAGE 1 OF 5

Date Rec'd in Lab: 7/13/12

ALPHA Job #: L1212527

ALPHA TECHNICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Serial_No:081612 7

Client Information

Client: ~~SX~~ DGS WOODS Hole Group
Address: 81 Technology Park
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)

Date Due: 7/27/12 Time: 24hr

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All CAM methods for inorganic analyses require MS every 20 soil samples)
TS, Aroclors and High VOC have 24hr TAT, all else is 15 business days, Project-specific EDP, Homogenize before analysis

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid, PCB Aroclors	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
	S-12L-B002-5.5-6.0	7/13/12	0825	SE	DGS	X				ASB-2	1
	S-12L-B002-5.5-6.0						X				2
12527 1	S-12L-B002-5.5-6.0							X		All 3 analyses	1
1	S-12L-B002-5.5-6.0								X	Archive	1
	S-12L-B002-5.5-6.0 REP					X				REP	1
	S-12L-B002-5.5-6.0 REP						X			REP	2
2	S-12L-B002-5.5-6.0 REP							X		All 3 analyses REP	1
2	S-12L-B002-5.5-6.0 REP								X	Archive REP	1
	TB-071312-01		1600		DGS	X				Trip Blank #1	2
	TB-071312-02		1600		DGS		X			Trip Blank #2	2
					Container Type	V	V	A	A		
					Preservative	R	O	A	A		

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	7.13.12 2045	[signature]	7/13/12 2045
[signature]	7/14/12 0535	[signature]	7/16/12 750
Pat Cullen	7/16/12 905	[signature]	7/16/12 0905

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

CHAIN OF CUSTODY PAGE 2 OF 5

ALPHA TECHNICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Serial No: 08161 57

Date Rec'd in Lab: 7/13/12 | ALPHA Job #: L1212527

Client Information

Client: Woods Hole Group
Address: 81 Technology Park
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)
Date Due: 7/27/12 Time: 24 hr

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client Info PO #:

Regulatory Requirements/Report Limits

State /Fed Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
TS, Aroclors and High VOC have 24 hr TAT, everything else is 15 business days. Project Specific EDD. Homogenize before analysis

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solids, PCB Aroclors	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
	TB-071312-03	7/6/12			KR	X				Trip Blank #3 BB	1
	EB-071312-02	7/13/12	1350	SW	DRV	X				Equip. Blank core	2
12527-3	EB-071312-02	"	1350	SW	DRV			X		Equip Blank Aroclors + SVOC only	4
	S-12L-B002-8.0-8.5	7/13/12	0845	SB	DGS	X					1
	S-12L-B002-8.0-8.5						X				2
4	S-12L-B002-8.0-8.5							X		All 3 analyses	1
4	S-12L-B002-8.0-8.5								X	Archive	1
	S-12L-B002-12-12.5		0930			X					1
	S-12L-B002-12-12.5						X				2
5	S-12L-B002-12-12.5							X		All 3 Analyses	1

Container Type: V V A A
Preservative: F O A A

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
	7.13.12 2045		7/13/12 2045
	7/14/12 0532		7/16/12 750
	7/16/12 905		7/16/12 0905

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

CHAIN OF CUSTODY

PAGE 3 OF 5

Date Rec'd in Lab: 7/13/12

ALPHA Job #: L1212527

ALPHA TECHNICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Serial No. 08161 57

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)
Date Due: 7/27/12 Time: 24 hr

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All CAM methods for inorganic analyses require MS every 20 soil samples)
TS, Aroclor and High VOC have 24 hr TAT, all else is 15 business days. Project-specific EDD, Homogenize before ananlysis

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid, PCB Aroclors	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
5	S-12L-B002-12-12.5	7/13/12	0930	SE	DGS				X	Archive	1
	S-12L-B002-14-14.5					X					1
	S-12L-B002-14-14.5						X				2
12527.6	S-12L-B002-14-14.5							X		All 3 analyses	1
6	S-12L-B002-14-14.5								X	Archive	1
	S-12L-B002-17.5-18		1000			X					1
	S-12L-B002-17.5-18						X				2
7	S-12L-B002-17.5-18							X		All 3 analyses	1
7	S-12L-B002-17.5-18								X	Archive	1
	S-12L-B002-17.5-18 MSMSD					X				MSMSD	1

Container Type	V	V	A	A
Preservative	F	O	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	7-13-12 2045	[signature]	7/13/12 2045
[signature]	7/14/12 0530	[signature]	7/16/12 750
Pat Cuno	7/16/12 905	[signature]	7/16/12 0905

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

CHAIN OF CUSTODY PAGE 4 OF 5

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Serial No:08161 57

Date Rec'd in Lab: 7/13/12

ALPHA Job #: L1212527

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)
Date Due: 7/27/12 Time: 24 hr

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All CAM methods for inorganic analyses require MS every 20 soil samples)
TS, Arocler and High VOC have 24 hr TAT, all else is 15 business days.
Project-specific EDD, Homogenize before analysis

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid, PCB	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
	S-12L-B002-17.5-18MS/MSD	7/13/12	1000	SE	DGS		X			MS/MSD	2
12527-7	S-12L-B002-17.5-18MS/MSD							X		MS/MSD, all 3 analyses	1
-7	S-12L-B002-17.5-18MS/MSD								X	MS/MSD, Archive	1
	S-12L-B002-19.5-20		1000			X					1
	S-12L-B002-19.5-20						X				2
-8	S-12L-B002-19.5-20							X		All 3 analyses	1
-8	S-12L-B002-19.5-20								X	Archive	1
	S-12L-B002-24-24.5		1050			X					1
	S-12L-B002-24-24.5						X				2
-9	S-12L-B002-24-24.5							X		All 3 analyses	1
	Container Type					V	V	A	A		
	Preservative					R	O	A	A		

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
	7/13/12 2045		7/13/12 2045
	7/14/12 0532		7/16/12 750
	7/16/12 905		7/16/12 0905

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

CHAIN OF CUSTODY

PAGE 5 OF 5

Date Rec'd in Lab: 7/13/12

ALPHA Job #: L1212527

ALPHA LABORATORIES
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Serial No: 08161 57

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)
Date Due: 7/27/12 Time: 24 hr

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
TS, Aroclor, High VOC have 24 hr TAT, all else is 15 business days
Project-specific EDD; Homogenize before analysis

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid, R&B	PCB Congeners (Arodor)	Sample Specific Comments	TOTAL # BOTTLES
	S-12L-B002-24-24.5	7/13/12	1050	SB	DGS			X		Archive	1
	S-12L-B002-24.5-25	"	"	"	"	X					1
	S-12L-B002-24.5-25	"	"	"	"		X				2
12527 10	S-12L-B002-24.5-25	"	"	"	"			X		All 3 analyses	1
10	S-12L-B002-24.5-25	"	"	"	"				X	Archive	1

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

Container Type	V	V	A	A	
Preservative	F	O	A	A	

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

FORM NO: 01-01 (rev. 16-Jan-2010)

Relinquished By:	Date/Time	Received By:	Date/Time
	7.13.12 2015		7/13/12 2048
Pat Greene	7/16/12 905	Pat Greene	7/16/12 750
			7/16/12 0905

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

ANALYTICAL REPORT

Lab Number:	L1212555
Client:	Woods Hole Group 81 Technology Park Drive East Falmouth, MA 02536
ATTN:	Dave Walsh
Phone:	(508) 540-8080
Project Name:	NEW BEDFORD AEROVOX
Project Number:	TO-0010-05
Report Date:	08/15/12

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212555
Report Date: 08/15/12

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1212555-01	S-12L-B003-0.6-1.1	NEW BEDFORD, MA	07/13/12 12:00
L1212555-02	TB-071412-01	NEW BEDFORD, MA	07/13/12 00:00
L1212555-03	S-12L-B003-2.0-2.5	NEW BEDFORD, MA	07/13/12 12:00
L1212555-04	S-12L-B003-2.0-2.5 REP	NEW BEDFORD, MA	07/13/12 12:00
L1212555-05	S-12L-B003-3.5-4.0	NEW BEDFORD, MA	07/13/12 12:15
L1212555-06	S-12L-B003-4.5-5.0	NEW BEDFORD, MA	07/13/12 12:15
L1212555-07	S-12L-B003-9.0-9.5	NEW BEDFORD, MA	07/13/12 12:30
L1212555-08	S-12L-B003-14.5-15.0	NEW BEDFORD, MA	07/13/12 14:00
L1212555-09	S-12L-B003-19.5-20.0	NEW BEDFORD, MA	07/13/12 14:35
L1212555-10	S-12L-B003-21.5-22.0	NEW BEDFORD, MA	07/13/12 15:15
L1212555-11	S-12L-B003-22.5-23.0	NEW BEDFORD, MA	07/13/12 15:15
L1212555-12	EB-071412-01	NEW BEDFORD, MA	07/14/12 08:15
L1212555-13	EB-071412-02	NEW BEDFORD, MA	07/14/12 09:30
L1212555-14	TB-071412-03	NEW BEDFORD, MA	07/13/12 00:00
L1212555-15	S-12L-B004-3.5-4.0	NEW BEDFORD, MA	07/14/12 07:40
L1212555-16	S-12L-B004-3.5-4.0 REP	NEW BEDFORD, MA	07/14/12 07:40
L1212555-17	S-12L-B004-0.5-1.0	NEW BEDFORD, MA	07/14/12 07:40
L1212555-18	S-12L-B004-6.5-7.0	NEW BEDFORD, MA	07/14/12 08:35
L1212555-19	S-12L-B004-7.5-8.0	NEW BEDFORD, MA	07/14/12 08:35
L1212555-20	S-12L-B004-11.0-11.5	NEW BEDFORD, MA	07/14/12 08:50
L1212555-21	S-12L-B004-15.5-16.0	NEW BEDFORD, MA	07/14/12 09:25
L1212555-22	S-12L-B004-17.5-18.0	NEW BEDFORD, MA	07/14/12 09:25
L1212555-23	S-12L-B004-20.0-20.5	NEW BEDFORD, MA	07/14/12 09:50
L1212555-24	S-12L-B005-0.5-1.0	NEW BEDFORD, MA	07/14/12 10:45
L1212555-25	S-12L-B005-0.5-1.0 REP	NEW BEDFORD, MA	07/14/12 10:45
L1212555-26	S-12L-B005-4.0-4.5	NEW BEDFORD, MA	07/14/12 10:45
L1212555-27	EB-071412-03	NEW BEDFORD, MA	07/14/12 11:15
L1212555-28	EB-071412-04	NEW BEDFORD, MA	07/14/12 14:05
L1212555-29	TB-071412-04	NEW BEDFORD, MA	07/13/12 00:00

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555
Project Number: TO-0010-05 **Report Date:** 08/15/12

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples free of charge for 30 days from the date the project is completed. After 30 days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples.

Please contact Client Services at 800-624-9220 with any questions.

Project Name:	NEW BEDFORD AEROVOX	**Lab Number:**	L1212555
Project Number:	TO-0010-05	**Report Date:**	08/15/12

Case Narrative (continued)

Report Submission

This report replaces the report issued on July 26, 2012.

-- The sample matrix has been changed from Soil to Sediment.

-- PCB samples are now reported with surrogate recoveries from one column.

-- QC analyte lists match the sample analyte lists for Volatile Organics.

A previously-report replaced the report issued on July 17, 2012. The report was amended to correct the sampling time on L1212555-06.

Volatile Organics

L1212555-13: The Equipment Blank has a result for Chloroform present above the reporting limit. The sample vial was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over.

The WG548745-4/-5 MS/MSD recoveries, performed on L1212555-26, are below the acceptance criteria for Methyl Acetate, Trichlorofluoromethane, and Acetone (all 0%/0%) due to the concentration of these compounds falling below the reported detection limit.

The WG548745-4/-5 MS/MSD recoveries, performed on L1212555-26, were below the acceptance criteria for several compounds; however, the associated LCS/LCSD recoveries were within criteria.

The WG548746-4 MS recoveries, performed on L1212555-07, are below the acceptance criteria for Methyl Acetate, Cyclohexane, Freon-113, Trichlorofluoromethane, Dichlorodifluoromethane, and Acetone, (all 0%) due to the concentration of these compounds falling below the reported detection limit.

The WG548746-4/-5 MS/MSD recoveries, performed on L1212555-07, were below the acceptance criteria for Trichlorofluoromethane (MS at 17%), Bromomethane (55%/44%), Chloroethane (27%/27%), 1,2,4-Trichlorobenzene (MS at 52%) and Methyl cyclohexane (65%/65%); however, the associated LCS/LCSD recoveries were within criteria.

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555
Project Number: TO-0010-05 **Report Date:** 08/15/12

Case Narrative (continued)

PCBs

The surrogate recoveries for L1212555-01 -03 through -07 -17 -24 -25 are below the acceptance criteria for 2,4,5,6-Tetrachloro-m-xylene and Decachlorobiphenyl (all 0%) due to the dilutions required to quantitate the samples. Re-extraction was not required; therefore, the results of the original analysis are reported.

The dual column RPDs for L1212555-18 and -23 are above the acceptance criteria for Aroclor 1242; however, no obvious column interferences are present. The higher of the two results is reported and qualified with a "P".

The WG548607-4/-5 MS/MSD, associated with L1212555-01, -03 through -11, and -15, was not analyzed because the dilution required by the elevated concentrations of non-target compounds present in the sample to be utilized for the MS/MSD would have caused the spike compounds to be diluted below the range of calibration.

The WG548611-4/-5 MS/MSD, associated with l1212555-26, was not analyzed because the dilution required by the elevated concentrations of non-target compounds present in the sample to be utilized for the MS/MSD would have caused the spike compounds to be diluted below the range of calibration.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Cynthia McQueen

Title: Technical Director/Representative Date: 08/15/12

ORGANICS

VOLATILES

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-01 D2	Date Collected:	07/13/12 12:00
Client ID:	S-12L-B003-0.6-1.1	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/16/12 15:05		
Analyst:	BN		
Percent Solids:	17%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Trichloroethene	24000000		ug/kg	740000	--	400

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	78		70-130
Toluene-d8	87		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	93		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-01 D	Date Collected:	07/13/12 12:00
Client ID:	S-12L-B003-0.6-1.1	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/16/12 12:20		
Analyst:	BN		
Percent Solids:	17%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	920000	--	100
1,1-Dichloroethane	ND		ug/kg	180000	--	100
Chloroform	ND		ug/kg	180000	--	100
Carbon tetrachloride	ND		ug/kg	180000	--	100
1,2-Dichloropropane	ND		ug/kg	370000	--	100
Dibromochloromethane	ND		ug/kg	180000	--	100
1,1,2-Trichloroethane	ND		ug/kg	180000	--	100
Tetrachloroethene	230000		ug/kg	180000	--	100
Chlorobenzene	ND		ug/kg	180000	--	100
Trichlorofluoromethane	ND		ug/kg	460000	--	100
1,2-Dichloroethane	ND		ug/kg	180000	--	100
1,1,1-Trichloroethane	ND		ug/kg	180000	--	100
Bromodichloromethane	ND		ug/kg	180000	--	100
trans-1,3-Dichloropropene	ND		ug/kg	180000	--	100
cis-1,3-Dichloropropene	ND		ug/kg	180000	--	100
Bromoform	ND		ug/kg	370000	--	100
1,1,2,2-Tetrachloroethane	ND		ug/kg	180000	--	100
Benzene	ND		ug/kg	180000	--	100
Toluene	ND		ug/kg	180000	--	100
Ethylbenzene	ND		ug/kg	180000	--	100
Chloromethane	ND		ug/kg	460000	--	100
Bromomethane	ND		ug/kg	180000	--	100
Vinyl chloride	ND		ug/kg	180000	--	100
Chloroethane	ND		ug/kg	180000	--	100
1,1-Dichloroethene	ND		ug/kg	180000	--	100
trans-1,2-Dichloroethene	ND		ug/kg	180000	--	100
Trichloroethene	26000000	E	ug/kg	180000	--	100
1,2-Dichlorobenzene	ND		ug/kg	460000	--	100
1,3-Dichlorobenzene	ND		ug/kg	460000	--	100
1,4-Dichlorobenzene	ND		ug/kg	460000	--	100
Methyl tert butyl ether	ND		ug/kg	180000	--	100

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212555-01 D Date Collected: 07/13/12 12:00

Client ID: S-12L-B003-0.6-1.1 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	370000	--	100
o-Xylene	ND		ug/kg	370000	--	100
Xylenes, Total	ND		ug/kg	370000	--	100
cis-1,2-Dichloroethene	1500000		ug/kg	180000	--	100
Styrene	ND		ug/kg	370000	--	100
Dichlorodifluoromethane	ND		ug/kg	920000	--	100
Acetone	ND		ug/kg	3300000	--	100
Carbon disulfide	ND		ug/kg	920000	--	100
2-Butanone	ND		ug/kg	920000	--	100
4-Methyl-2-pentanone	ND		ug/kg	920000	--	100
2-Hexanone	ND		ug/kg	920000	--	100
Bromochloromethane	ND		ug/kg	460000	--	100
1,2-Dibromoethane	ND		ug/kg	370000	--	100
1,2-Dibromo-3-chloropropane	ND		ug/kg	460000	--	100
Isopropylbenzene	ND		ug/kg	180000	--	100
1,2,3-Trichlorobenzene	ND		ug/kg	460000	--	100
1,2,4-Trichlorobenzene	ND		ug/kg	460000	--	100
Methyl Acetate	ND		ug/kg	1800000	--	100
Cyclohexane	ND		ug/kg	1800000	--	100
1,4-Dioxane	ND		ug/kg	9200000	--	100
Methyl cyclohexane	ND		ug/kg	370000	--	100
Freon-113	ND		ug/kg	1800000	--	100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	79		70-130
Toluene-d8	85		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	94		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-02	Date Collected:	07/13/12 00:00
Client ID:	TB-071412-01	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/16/12 12:47		
Analyst:	BN		
Percent Solids:	Results reported on an 'AS RECEIVED' basis.		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	500	--	1
1,1-Dichloroethane	ND		ug/kg	100	--	1
Chloroform	ND		ug/kg	100	--	1
Carbon tetrachloride	ND		ug/kg	100	--	1
1,2-Dichloropropane	ND		ug/kg	200	--	1
Dibromochloromethane	ND		ug/kg	100	--	1
1,1,2-Trichloroethane	ND		ug/kg	100	--	1
Tetrachloroethene	ND		ug/kg	100	--	1
Chlorobenzene	ND		ug/kg	100	--	1
Trichlorofluoromethane	ND		ug/kg	250	--	1
1,2-Dichloroethane	ND		ug/kg	100	--	1
1,1,1-Trichloroethane	ND		ug/kg	100	--	1
Bromodichloromethane	ND		ug/kg	100	--	1
trans-1,3-Dichloropropene	ND		ug/kg	100	--	1
cis-1,3-Dichloropropene	ND		ug/kg	100	--	1
Bromoform	ND		ug/kg	200	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	100	--	1
Benzene	ND		ug/kg	100	--	1
Toluene	ND		ug/kg	100	--	1
Ethylbenzene	ND		ug/kg	100	--	1
Chloromethane	ND		ug/kg	250	--	1
Bromomethane	ND		ug/kg	100	--	1
Vinyl chloride	ND		ug/kg	100	--	1
Chloroethane	ND		ug/kg	100	--	1
1,1-Dichloroethene	ND		ug/kg	100	--	1
trans-1,2-Dichloroethene	ND		ug/kg	100	--	1
Trichloroethene	ND		ug/kg	100	--	1
1,2-Dichlorobenzene	ND		ug/kg	250	--	1
1,3-Dichlorobenzene	ND		ug/kg	250	--	1
1,4-Dichlorobenzene	ND		ug/kg	250	--	1
Methyl tert butyl ether	ND		ug/kg	100	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212555-02 Date Collected: 07/13/12 00:00

Client ID: TB-071412-01 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	200	--	1
o-Xylene	ND		ug/kg	200	--	1
Xylenes, Total	ND		ug/kg	200	--	1
cis-1,2-Dichloroethene	ND		ug/kg	100	--	1
Styrene	ND		ug/kg	200	--	1
Dichlorodifluoromethane	ND		ug/kg	500	--	1
Acetone	ND		ug/kg	1800	--	1
Carbon disulfide	ND		ug/kg	500	--	1
2-Butanone	ND		ug/kg	500	--	1
4-Methyl-2-pentanone	ND		ug/kg	500	--	1
2-Hexanone	ND		ug/kg	500	--	1
Bromochloromethane	ND		ug/kg	250	--	1
1,2-Dibromoethane	ND		ug/kg	200	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	--	1
Isopropylbenzene	ND		ug/kg	100	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	250	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	250	--	1
Methyl Acetate	ND		ug/kg	1000	--	1
Cyclohexane	ND		ug/kg	1000	--	1
1,4-Dioxane	ND		ug/kg	5000	--	1
Methyl cyclohexane	ND		ug/kg	200	--	1
Freon-113	ND		ug/kg	1000	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	80		70-130
Toluene-d8	86		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	90		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-03 D	Date Collected:	07/13/12 12:00
Client ID:	S-12L-B003-2.0-2.5	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/16/12 13:15		
Analyst:	BN		
Percent Solids:	73%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	150000	--	100
1,1-Dichloroethane	ND		ug/kg	31000	--	100
Chloroform	ND		ug/kg	31000	--	100
Carbon tetrachloride	ND		ug/kg	31000	--	100
1,2-Dichloropropane	ND		ug/kg	61000	--	100
Dibromochloromethane	ND		ug/kg	31000	--	100
1,1,2-Trichloroethane	ND		ug/kg	31000	--	100
Tetrachloroethene	52000		ug/kg	31000	--	100
Chlorobenzene	ND		ug/kg	31000	--	100
Trichlorofluoromethane	ND		ug/kg	77000	--	100
1,2-Dichloroethane	ND		ug/kg	31000	--	100
1,1,1-Trichloroethane	ND		ug/kg	31000	--	100
Bromodichloromethane	ND		ug/kg	31000	--	100
trans-1,3-Dichloropropene	ND		ug/kg	31000	--	100
cis-1,3-Dichloropropene	ND		ug/kg	31000	--	100
Bromoform	ND		ug/kg	61000	--	100
1,1,2,2-Tetrachloroethane	ND		ug/kg	31000	--	100
Benzene	ND		ug/kg	31000	--	100
Toluene	ND		ug/kg	31000	--	100
Ethylbenzene	ND		ug/kg	31000	--	100
Chloromethane	ND		ug/kg	77000	--	100
Bromomethane	ND		ug/kg	31000	--	100
Vinyl chloride	ND		ug/kg	31000	--	100
Chloroethane	ND		ug/kg	31000	--	100
1,1-Dichloroethene	ND		ug/kg	31000	--	100
trans-1,2-Dichloroethene	ND		ug/kg	31000	--	100
Trichloroethene	13000000	E	ug/kg	31000	--	100
1,2-Dichlorobenzene	ND		ug/kg	77000	--	100
1,3-Dichlorobenzene	ND		ug/kg	77000	--	100
1,4-Dichlorobenzene	ND		ug/kg	77000	--	100
Methyl tert butyl ether	ND		ug/kg	31000	--	100

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212555-03 D Date Collected: 07/13/12 12:00

Client ID: S-12L-B003-2.0-2.5 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	61000	--	100
o-Xylene	ND		ug/kg	61000	--	100
Xylenes, Total	ND		ug/kg	61000	--	100
cis-1,2-Dichloroethene	450000		ug/kg	31000	--	100
Styrene	ND		ug/kg	61000	--	100
Dichlorodifluoromethane	ND		ug/kg	150000	--	100
Acetone	ND		ug/kg	550000	--	100
Carbon disulfide	ND		ug/kg	150000	--	100
2-Butanone	ND		ug/kg	150000	--	100
4-Methyl-2-pentanone	ND		ug/kg	150000	--	100
2-Hexanone	ND		ug/kg	150000	--	100
Bromochloromethane	ND		ug/kg	77000	--	100
1,2-Dibromoethane	ND		ug/kg	61000	--	100
1,2-Dibromo-3-chloropropane	ND		ug/kg	77000	--	100
Isopropylbenzene	ND		ug/kg	31000	--	100
1,2,3-Trichlorobenzene	ND		ug/kg	77000	--	100
1,2,4-Trichlorobenzene	ND		ug/kg	77000	--	100
Methyl Acetate	ND		ug/kg	310000	--	100
Cyclohexane	ND		ug/kg	310000	--	100
1,4-Dioxane	ND		ug/kg	1500000	--	100
Methyl cyclohexane	ND		ug/kg	61000	--	100
Freon-113	ND		ug/kg	310000	--	100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	81		70-130
Toluene-d8	87		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	94		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-03 D	Date Collected:	07/13/12 12:00
Client ID:	S-12L-B003-2.0-2.5	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/16/12 15:33		
Analyst:	BN		
Percent Solids:	73%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Trichloroethene	13000000		ug/kg	310000	--	1000

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	79		70-130
Toluene-d8	87		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	95		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-04 D	Date Collected:	07/13/12 12:00
Client ID:	S-12L-B003-2.0-2.5 REP	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/16/12 13:42		
Analyst:	BN		
Percent Solids:	84%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	88000	--	100
1,1-Dichloroethane	ND		ug/kg	18000	--	100
Chloroform	ND		ug/kg	18000	--	100
Carbon tetrachloride	ND		ug/kg	18000	--	100
1,2-Dichloropropane	ND		ug/kg	35000	--	100
Dibromochloromethane	ND		ug/kg	18000	--	100
1,1,2-Trichloroethane	ND		ug/kg	18000	--	100
Tetrachloroethene	ND		ug/kg	18000	--	100
Chlorobenzene	ND		ug/kg	18000	--	100
Trichlorofluoromethane	ND		ug/kg	44000	--	100
1,2-Dichloroethane	ND		ug/kg	18000	--	100
1,1,1-Trichloroethane	ND		ug/kg	18000	--	100
Bromodichloromethane	ND		ug/kg	18000	--	100
trans-1,3-Dichloropropene	ND		ug/kg	18000	--	100
cis-1,3-Dichloropropene	ND		ug/kg	18000	--	100
Bromoform	ND		ug/kg	35000	--	100
1,1,2,2-Tetrachloroethane	ND		ug/kg	18000	--	100
Benzene	ND		ug/kg	18000	--	100
Toluene	ND		ug/kg	18000	--	100
Ethylbenzene	ND		ug/kg	18000	--	100
Chloromethane	ND		ug/kg	44000	--	100
Bromomethane	ND		ug/kg	18000	--	100
Vinyl chloride	ND		ug/kg	18000	--	100
Chloroethane	ND		ug/kg	18000	--	100
1,1-Dichloroethene	ND		ug/kg	18000	--	100
trans-1,2-Dichloroethene	ND		ug/kg	18000	--	100
Trichloroethene	1800000		ug/kg	18000	--	100
1,2-Dichlorobenzene	ND		ug/kg	44000	--	100
1,3-Dichlorobenzene	ND		ug/kg	44000	--	100
1,4-Dichlorobenzene	ND		ug/kg	44000	--	100
Methyl tert butyl ether	ND		ug/kg	18000	--	100

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212555-04 D Date Collected: 07/13/12 12:00

Client ID: S-12L-B003-2.0-2.5 REP Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	35000	--	100
o-Xylene	ND		ug/kg	35000	--	100
Xylenes, Total	ND		ug/kg	35000	--	100
cis-1,2-Dichloroethene	150000		ug/kg	18000	--	100
Styrene	ND		ug/kg	35000	--	100
Dichlorodifluoromethane	ND		ug/kg	88000	--	100
Acetone	ND		ug/kg	320000	--	100
Carbon disulfide	ND		ug/kg	88000	--	100
2-Butanone	ND		ug/kg	88000	--	100
4-Methyl-2-pentanone	ND		ug/kg	88000	--	100
2-Hexanone	ND		ug/kg	88000	--	100
Bromochloromethane	ND		ug/kg	44000	--	100
1,2-Dibromoethane	ND		ug/kg	35000	--	100
1,2-Dibromo-3-chloropropane	ND		ug/kg	44000	--	100
Isopropylbenzene	ND		ug/kg	18000	--	100
1,2,3-Trichlorobenzene	ND		ug/kg	44000	--	100
1,2,4-Trichlorobenzene	210000		ug/kg	44000	--	100
Methyl Acetate	ND		ug/kg	180000	--	100
Cyclohexane	ND		ug/kg	180000	--	100
1,4-Dioxane	ND		ug/kg	880000	--	100
Methyl cyclohexane	ND		ug/kg	35000	--	100
Freon-113	ND		ug/kg	180000	--	100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	80		70-130
Toluene-d8	85		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	94		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-05	Date Collected:	07/13/12 12:15
Client ID:	S-12L-B003-3.5-4.0	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/16/12 14:10		
Analyst:	BN		
Percent Solids:	92%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	650	--	1
1,1-Dichloroethane	ND		ug/kg	130	--	1
Chloroform	ND		ug/kg	130	--	1
Carbon tetrachloride	ND		ug/kg	130	--	1
1,2-Dichloropropane	ND		ug/kg	260	--	1
Dibromochloromethane	ND		ug/kg	130	--	1
1,1,2-Trichloroethane	ND		ug/kg	130	--	1
Tetrachloroethene	220		ug/kg	130	--	1
Chlorobenzene	ND		ug/kg	130	--	1
Trichlorofluoromethane	ND		ug/kg	320	--	1
1,2-Dichloroethane	ND		ug/kg	130	--	1
1,1,1-Trichloroethane	ND		ug/kg	130	--	1
Bromodichloromethane	ND		ug/kg	130	--	1
trans-1,3-Dichloropropene	ND		ug/kg	130	--	1
cis-1,3-Dichloropropene	ND		ug/kg	130	--	1
Bromoform	ND		ug/kg	260	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	130	--	1
Benzene	ND		ug/kg	130	--	1
Toluene	ND		ug/kg	130	--	1
Ethylbenzene	ND		ug/kg	130	--	1
Chloromethane	ND		ug/kg	320	--	1
Bromomethane	ND		ug/kg	130	--	1
Vinyl chloride	ND		ug/kg	130	--	1
Chloroethane	ND		ug/kg	130	--	1
1,1-Dichloroethene	ND		ug/kg	130	--	1
trans-1,2-Dichloroethene	ND		ug/kg	130	--	1
Trichloroethene	25000	E	ug/kg	130	--	1
1,2-Dichlorobenzene	ND		ug/kg	320	--	1
1,3-Dichlorobenzene	ND		ug/kg	320	--	1
1,4-Dichlorobenzene	ND		ug/kg	320	--	1
Methyl tert butyl ether	ND		ug/kg	130	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212555-05 Date Collected: 07/13/12 12:15

Client ID: S-12L-B003-3.5-4.0 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	260	--	1
o-Xylene	ND		ug/kg	260	--	1
Xylenes, Total	ND		ug/kg	260	--	1
cis-1,2-Dichloroethene	410		ug/kg	130	--	1
Styrene	ND		ug/kg	260	--	1
Dichlorodifluoromethane	ND		ug/kg	650	--	1
Acetone	ND		ug/kg	2300	--	1
Carbon disulfide	ND		ug/kg	650	--	1
2-Butanone	ND		ug/kg	650	--	1
4-Methyl-2-pentanone	ND		ug/kg	650	--	1
2-Hexanone	ND		ug/kg	650	--	1
Bromochloromethane	ND		ug/kg	320	--	1
1,2-Dibromoethane	ND		ug/kg	260	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	320	--	1
Isopropylbenzene	ND		ug/kg	130	--	1
1,2,3-Trichlorobenzene	400		ug/kg	320	--	1
1,2,4-Trichlorobenzene	2200		ug/kg	320	--	1
Methyl Acetate	ND		ug/kg	1300	--	1
Cyclohexane	ND		ug/kg	1300	--	1
1,4-Dioxane	ND		ug/kg	6500	--	1
Methyl cyclohexane	ND		ug/kg	260	--	1
Freon-113	ND		ug/kg	1300	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	78		70-130
Toluene-d8	85		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	91		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-05 D	Date Collected:	07/13/12 12:15
Client ID:	S-12L-B003-3.5-4.0	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/16/12 15:53		
Analyst:	BN		
Percent Solids:	92%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Trichloroethene	20000		ug/kg	650	--	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	99		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212555-06 D
Client ID: S-12L-B003-4.5-5.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment
Analytical Method: 1,8260B
Analytical Date: 07/17/12 09:06
Analyst: BN
Percent Solids: 92%

Date Collected: 07/13/12 12:15
Date Received: 07/14/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	3800	--	5
1,1-Dichloroethane	ND		ug/kg	760	--	5
Chloroform	ND		ug/kg	760	--	5
Carbon tetrachloride	ND		ug/kg	760	--	5
1,2-Dichloropropane	ND		ug/kg	1500	--	5
Dibromochloromethane	ND		ug/kg	760	--	5
1,1,2-Trichloroethane	ND		ug/kg	760	--	5
Tetrachloroethene	ND		ug/kg	760	--	5
Chlorobenzene	ND		ug/kg	760	--	5
Trichlorofluoromethane	ND		ug/kg	1900	--	5
1,2-Dichloroethane	ND		ug/kg	760	--	5
1,1,1-Trichloroethane	ND		ug/kg	760	--	5
Bromodichloromethane	ND		ug/kg	760	--	5
trans-1,3-Dichloropropene	ND		ug/kg	760	--	5
cis-1,3-Dichloropropene	ND		ug/kg	760	--	5
Bromoform	ND		ug/kg	1500	--	5
1,1,2,2-Tetrachloroethane	ND		ug/kg	760	--	5
Benzene	ND		ug/kg	760	--	5
Toluene	ND		ug/kg	760	--	5
Ethylbenzene	810		ug/kg	760	--	5
Chloromethane	ND		ug/kg	1900	--	5
Bromomethane	ND		ug/kg	760	--	5
Vinyl chloride	ND		ug/kg	760	--	5
Chloroethane	ND		ug/kg	760	--	5
1,1-Dichloroethene	ND		ug/kg	760	--	5
trans-1,2-Dichloroethene	ND		ug/kg	760	--	5
Trichloroethene	ND		ug/kg	760	--	5
1,2-Dichlorobenzene	ND		ug/kg	1900	--	5
1,3-Dichlorobenzene	ND		ug/kg	1900	--	5
1,4-Dichlorobenzene	ND		ug/kg	1900	--	5
Methyl tert butyl ether	ND		ug/kg	760	--	5

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212555-06 D Date Collected: 07/13/12 12:15

Client ID: S-12L-B003-4.5-5.0 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	1500	--	5
o-Xylene	ND		ug/kg	1500	--	5
Xylenes, Total	ND		ug/kg	1500	--	5
cis-1,2-Dichloroethene	1900		ug/kg	760	--	5
Styrene	ND		ug/kg	1500	--	5
Dichlorodifluoromethane	ND		ug/kg	3800	--	5
Acetone	ND		ug/kg	14000	--	5
Carbon disulfide	ND		ug/kg	3800	--	5
2-Butanone	ND		ug/kg	3800	--	5
4-Methyl-2-pentanone	ND		ug/kg	3800	--	5
2-Hexanone	ND		ug/kg	3800	--	5
Bromochloromethane	ND		ug/kg	1900	--	5
1,2-Dibromoethane	ND		ug/kg	1500	--	5
1,2-Dibromo-3-chloropropane	ND		ug/kg	1900	--	5
Isopropylbenzene	ND		ug/kg	760	--	5
1,2,3-Trichlorobenzene	8600		ug/kg	1900	--	5
1,2,4-Trichlorobenzene	58000		ug/kg	1900	--	5
Methyl Acetate	ND		ug/kg	7600	--	5
Cyclohexane	ND		ug/kg	7600	--	5
1,4-Dioxane	ND		ug/kg	38000	--	5
Methyl cyclohexane	ND		ug/kg	1500	--	5
Freon-113	ND		ug/kg	7600	--	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	115		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	94		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-07	Date Collected:	07/13/12 12:30
Client ID:	S-12L-B003-9.0-9.5	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/16/12 16:21		
Analyst:	BN		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	690	--	1
1,1-Dichloroethane	ND		ug/kg	140	--	1
Chloroform	ND		ug/kg	140	--	1
Carbon tetrachloride	ND		ug/kg	140	--	1
1,2-Dichloropropane	ND		ug/kg	280	--	1
Dibromochloromethane	ND		ug/kg	140	--	1
1,1,2-Trichloroethane	ND		ug/kg	140	--	1
Tetrachloroethene	520		ug/kg	140	--	1
Chlorobenzene	ND		ug/kg	140	--	1
Trichlorofluoromethane	ND		ug/kg	340	--	1
1,2-Dichloroethane	ND		ug/kg	140	--	1
1,1,1-Trichloroethane	ND		ug/kg	140	--	1
Bromodichloromethane	ND		ug/kg	140	--	1
trans-1,3-Dichloropropene	ND		ug/kg	140	--	1
cis-1,3-Dichloropropene	ND		ug/kg	140	--	1
Bromoform	ND		ug/kg	280	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	140	--	1
Benzene	ND		ug/kg	140	--	1
Toluene	ND		ug/kg	140	--	1
Ethylbenzene	ND		ug/kg	140	--	1
Chloromethane	ND		ug/kg	340	--	1
Bromomethane	ND		ug/kg	140	--	1
Vinyl chloride	ND		ug/kg	140	--	1
Chloroethane	ND		ug/kg	140	--	1
1,1-Dichloroethene	ND		ug/kg	140	--	1
trans-1,2-Dichloroethene	ND		ug/kg	140	--	1
Trichloroethene	780		ug/kg	140	--	1
1,2-Dichlorobenzene	ND		ug/kg	340	--	1
1,3-Dichlorobenzene	ND		ug/kg	340	--	1
1,4-Dichlorobenzene	ND		ug/kg	340	--	1
Methyl tert butyl ether	ND		ug/kg	140	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212555-07 Date Collected: 07/13/12 12:30

Client ID: S-12L-B003-9.0-9.5 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	280	--	1
o-Xylene	ND		ug/kg	280	--	1
Xylenes, Total	ND		ug/kg	280	--	1
cis-1,2-Dichloroethene	ND		ug/kg	140	--	1
Styrene	ND		ug/kg	280	--	1
Dichlorodifluoromethane	ND		ug/kg	690	--	1
Acetone	ND		ug/kg	2500	--	1
Carbon disulfide	ND		ug/kg	690	--	1
2-Butanone	ND		ug/kg	690	--	1
4-Methyl-2-pentanone	ND		ug/kg	690	--	1
2-Hexanone	ND		ug/kg	690	--	1
Bromochloromethane	ND		ug/kg	340	--	1
1,2-Dibromoethane	ND		ug/kg	280	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	340	--	1
Isopropylbenzene	ND		ug/kg	140	--	1
1,2,3-Trichlorobenzene	1300		ug/kg	340	--	1
1,2,4-Trichlorobenzene	7400		ug/kg	340	--	1
Methyl Acetate	ND		ug/kg	1400	--	1
Cyclohexane	ND		ug/kg	1400	--	1
1,4-Dioxane	ND		ug/kg	6900	--	1
Methyl cyclohexane	ND		ug/kg	280	--	1
Freon-113	ND		ug/kg	1400	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	95		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-08	Date Collected:	07/13/12 14:00
Client ID:	S-12L-B003-14.5-15.0	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/16/12 14:14		
Analyst:	BN		
Percent Solids:	92%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	570	--	1
1,1-Dichloroethane	ND		ug/kg	110	--	1
Chloroform	ND		ug/kg	110	--	1
Carbon tetrachloride	ND		ug/kg	110	--	1
1,2-Dichloropropane	ND		ug/kg	230	--	1
Dibromochloromethane	ND		ug/kg	110	--	1
1,1,2-Trichloroethane	ND		ug/kg	110	--	1
Tetrachloroethene	ND		ug/kg	110	--	1
Chlorobenzene	ND		ug/kg	110	--	1
Trichlorofluoromethane	ND		ug/kg	280	--	1
1,2-Dichloroethane	ND		ug/kg	110	--	1
1,1,1-Trichloroethane	ND		ug/kg	110	--	1
Bromodichloromethane	ND		ug/kg	110	--	1
trans-1,3-Dichloropropene	ND		ug/kg	110	--	1
cis-1,3-Dichloropropene	ND		ug/kg	110	--	1
Bromoform	ND		ug/kg	230	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	110	--	1
Benzene	ND		ug/kg	110	--	1
Toluene	ND		ug/kg	110	--	1
Ethylbenzene	ND		ug/kg	110	--	1
Chloromethane	ND		ug/kg	280	--	1
Bromomethane	ND		ug/kg	110	--	1
Vinyl chloride	ND		ug/kg	110	--	1
Chloroethane	ND		ug/kg	110	--	1
1,1-Dichloroethene	ND		ug/kg	110	--	1
trans-1,2-Dichloroethene	ND		ug/kg	110	--	1
Trichloroethene	ND		ug/kg	110	--	1
1,2-Dichlorobenzene	ND		ug/kg	280	--	1
1,3-Dichlorobenzene	ND		ug/kg	280	--	1
1,4-Dichlorobenzene	ND		ug/kg	280	--	1
Methyl tert butyl ether	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212555-08 Date Collected: 07/13/12 14:00

Client ID: S-12L-B003-14.5-15.0 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	230	--	1
o-Xylene	ND		ug/kg	230	--	1
Xylenes, Total	ND		ug/kg	230	--	1
cis-1,2-Dichloroethene	ND		ug/kg	110	--	1
Styrene	ND		ug/kg	230	--	1
Dichlorodifluoromethane	ND		ug/kg	570	--	1
Acetone	ND		ug/kg	2000	--	1
Carbon disulfide	ND		ug/kg	570	--	1
2-Butanone	ND		ug/kg	570	--	1
4-Methyl-2-pentanone	ND		ug/kg	570	--	1
2-Hexanone	ND		ug/kg	570	--	1
Bromochloromethane	ND		ug/kg	280	--	1
1,2-Dibromoethane	ND		ug/kg	230	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	280	--	1
Isopropylbenzene	ND		ug/kg	110	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	280	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	280	--	1
Methyl Acetate	ND		ug/kg	1100	--	1
Cyclohexane	ND		ug/kg	1100	--	1
1,4-Dioxane	ND		ug/kg	5700	--	1
Methyl cyclohexane	ND		ug/kg	230	--	1
Freon-113	ND		ug/kg	1100	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	115		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	95		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-09	Date Collected:	07/13/12 14:35
Client ID:	S-12L-B003-19.5-20.0	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/16/12 14:41		
Analyst:	BN		
Percent Solids:	92%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	750	--	1
1,1-Dichloroethane	ND		ug/kg	150	--	1
Chloroform	ND		ug/kg	150	--	1
Carbon tetrachloride	ND		ug/kg	150	--	1
1,2-Dichloropropane	ND		ug/kg	300	--	1
Dibromochloromethane	ND		ug/kg	150	--	1
1,1,2-Trichloroethane	ND		ug/kg	150	--	1
Tetrachloroethene	ND		ug/kg	150	--	1
Chlorobenzene	ND		ug/kg	150	--	1
Trichlorofluoromethane	ND		ug/kg	380	--	1
1,2-Dichloroethane	ND		ug/kg	150	--	1
1,1,1-Trichloroethane	ND		ug/kg	150	--	1
Bromodichloromethane	ND		ug/kg	150	--	1
trans-1,3-Dichloropropene	ND		ug/kg	150	--	1
cis-1,3-Dichloropropene	ND		ug/kg	150	--	1
Bromoform	ND		ug/kg	300	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	150	--	1
Benzene	ND		ug/kg	150	--	1
Toluene	ND		ug/kg	150	--	1
Ethylbenzene	ND		ug/kg	150	--	1
Chloromethane	ND		ug/kg	380	--	1
Bromomethane	ND		ug/kg	150	--	1
Vinyl chloride	ND		ug/kg	150	--	1
Chloroethane	ND		ug/kg	150	--	1
1,1-Dichloroethene	ND		ug/kg	150	--	1
trans-1,2-Dichloroethene	ND		ug/kg	150	--	1
Trichloroethene	1200		ug/kg	150	--	1
1,2-Dichlorobenzene	ND		ug/kg	380	--	1
1,3-Dichlorobenzene	ND		ug/kg	380	--	1
1,4-Dichlorobenzene	ND		ug/kg	380	--	1
Methyl tert butyl ether	ND		ug/kg	150	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212555-09 Date Collected: 07/13/12 14:35

Client ID: S-12L-B003-19.5-20.0 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	300	--	1
o-Xylene	ND		ug/kg	300	--	1
Xylenes, Total	ND		ug/kg	300	--	1
cis-1,2-Dichloroethene	ND		ug/kg	150	--	1
Styrene	ND		ug/kg	300	--	1
Dichlorodifluoromethane	ND		ug/kg	750	--	1
Acetone	ND		ug/kg	2700	--	1
Carbon disulfide	ND		ug/kg	750	--	1
2-Butanone	ND		ug/kg	750	--	1
4-Methyl-2-pentanone	ND		ug/kg	750	--	1
2-Hexanone	ND		ug/kg	750	--	1
Bromochloromethane	ND		ug/kg	380	--	1
1,2-Dibromoethane	ND		ug/kg	300	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	380	--	1
Isopropylbenzene	ND		ug/kg	150	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	380	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	380	--	1
Methyl Acetate	ND		ug/kg	1500	--	1
Cyclohexane	ND		ug/kg	1500	--	1
1,4-Dioxane	ND		ug/kg	7500	--	1
Methyl cyclohexane	ND		ug/kg	300	--	1
Freon-113	ND		ug/kg	1500	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	116		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	92		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-10	Date Collected:	07/13/12 15:15
Client ID:	S-12L-B003-21.5-22.0	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/16/12 15:08		
Analyst:	BN		
Percent Solids:	91%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	700	--	1
1,1-Dichloroethane	ND		ug/kg	140	--	1
Chloroform	ND		ug/kg	140	--	1
Carbon tetrachloride	ND		ug/kg	140	--	1
1,2-Dichloropropane	ND		ug/kg	280	--	1
Dibromochloromethane	ND		ug/kg	140	--	1
1,1,2-Trichloroethane	ND		ug/kg	140	--	1
Tetrachloroethene	ND		ug/kg	140	--	1
Chlorobenzene	ND		ug/kg	140	--	1
Trichlorofluoromethane	ND		ug/kg	350	--	1
1,2-Dichloroethane	ND		ug/kg	140	--	1
1,1,1-Trichloroethane	ND		ug/kg	140	--	1
Bromodichloromethane	ND		ug/kg	140	--	1
trans-1,3-Dichloropropene	ND		ug/kg	140	--	1
cis-1,3-Dichloropropene	ND		ug/kg	140	--	1
Bromoform	ND		ug/kg	280	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	140	--	1
Benzene	ND		ug/kg	140	--	1
Toluene	ND		ug/kg	140	--	1
Ethylbenzene	ND		ug/kg	140	--	1
Chloromethane	ND		ug/kg	350	--	1
Bromomethane	ND		ug/kg	140	--	1
Vinyl chloride	ND		ug/kg	140	--	1
Chloroethane	ND		ug/kg	140	--	1
1,1-Dichloroethene	ND		ug/kg	140	--	1
trans-1,2-Dichloroethene	ND		ug/kg	140	--	1
Trichloroethene	1600		ug/kg	140	--	1
1,2-Dichlorobenzene	ND		ug/kg	350	--	1
1,3-Dichlorobenzene	ND		ug/kg	350	--	1
1,4-Dichlorobenzene	ND		ug/kg	350	--	1
Methyl tert butyl ether	ND		ug/kg	140	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212555-10 Date Collected: 07/13/12 15:15

Client ID: S-12L-B003-21.5-22.0 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	280	--	1
o-Xylene	ND		ug/kg	280	--	1
Xylenes, Total	ND		ug/kg	280	--	1
cis-1,2-Dichloroethene	ND		ug/kg	140	--	1
Styrene	ND		ug/kg	280	--	1
Dichlorodifluoromethane	ND		ug/kg	700	--	1
Acetone	ND		ug/kg	2500	--	1
Carbon disulfide	ND		ug/kg	700	--	1
2-Butanone	ND		ug/kg	700	--	1
4-Methyl-2-pentanone	ND		ug/kg	700	--	1
2-Hexanone	ND		ug/kg	700	--	1
Bromochloromethane	ND		ug/kg	350	--	1
1,2-Dibromoethane	ND		ug/kg	280	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	350	--	1
Isopropylbenzene	ND		ug/kg	140	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	350	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	350	--	1
Methyl Acetate	ND		ug/kg	1400	--	1
Cyclohexane	ND		ug/kg	1400	--	1
1,4-Dioxane	ND		ug/kg	7000	--	1
Methyl cyclohexane	ND		ug/kg	280	--	1
Freon-113	ND		ug/kg	1400	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	116		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	93		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-11	Date Collected:	07/13/12 15:15
Client ID:	S-12L-B003-22.5-23.0	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/16/12 15:36		
Analyst:	BN		
Percent Solids:	79%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	940	--	1
1,1-Dichloroethane	ND		ug/kg	190	--	1
Chloroform	ND		ug/kg	190	--	1
Carbon tetrachloride	ND		ug/kg	190	--	1
1,2-Dichloropropane	ND		ug/kg	370	--	1
Dibromochloromethane	ND		ug/kg	190	--	1
1,1,2-Trichloroethane	ND		ug/kg	190	--	1
Tetrachloroethene	ND		ug/kg	190	--	1
Chlorobenzene	ND		ug/kg	190	--	1
Trichlorofluoromethane	ND		ug/kg	470	--	1
1,2-Dichloroethane	ND		ug/kg	190	--	1
1,1,1-Trichloroethane	ND		ug/kg	190	--	1
Bromodichloromethane	ND		ug/kg	190	--	1
trans-1,3-Dichloropropene	ND		ug/kg	190	--	1
cis-1,3-Dichloropropene	ND		ug/kg	190	--	1
Bromoform	ND		ug/kg	370	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	190	--	1
Benzene	ND		ug/kg	190	--	1
Toluene	ND		ug/kg	190	--	1
Ethylbenzene	ND		ug/kg	190	--	1
Chloromethane	ND		ug/kg	470	--	1
Bromomethane	ND		ug/kg	190	--	1
Vinyl chloride	ND		ug/kg	190	--	1
Chloroethane	ND		ug/kg	190	--	1
1,1-Dichloroethene	ND		ug/kg	190	--	1
trans-1,2-Dichloroethene	ND		ug/kg	190	--	1
Trichloroethene	800		ug/kg	190	--	1
1,2-Dichlorobenzene	ND		ug/kg	470	--	1
1,3-Dichlorobenzene	ND		ug/kg	470	--	1
1,4-Dichlorobenzene	ND		ug/kg	470	--	1
Methyl tert butyl ether	ND		ug/kg	190	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212555-11 Date Collected: 07/13/12 15:15

Client ID: S-12L-B003-22.5-23.0 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	370	--	1
o-Xylene	ND		ug/kg	370	--	1
Xylenes, Total	ND		ug/kg	370	--	1
cis-1,2-Dichloroethene	ND		ug/kg	190	--	1
Styrene	ND		ug/kg	370	--	1
Dichlorodifluoromethane	ND		ug/kg	940	--	1
Acetone	ND		ug/kg	3400	--	1
Carbon disulfide	ND		ug/kg	940	--	1
2-Butanone	ND		ug/kg	940	--	1
4-Methyl-2-pentanone	ND		ug/kg	940	--	1
2-Hexanone	ND		ug/kg	940	--	1
Bromochloromethane	ND		ug/kg	470	--	1
1,2-Dibromoethane	ND		ug/kg	370	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	470	--	1
Isopropylbenzene	ND		ug/kg	190	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	470	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	470	--	1
Methyl Acetate	ND		ug/kg	1900	--	1
Cyclohexane	ND		ug/kg	1900	--	1
1,4-Dioxane	ND		ug/kg	9400	--	1
Methyl cyclohexane	ND		ug/kg	370	--	1
Freon-113	ND		ug/kg	1900	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	117		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	91		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-12	Date Collected:	07/14/12 08:15
Client ID:	EB-071412-01	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	1,8260B		
Analytical Date:	07/17/12 09:14		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	1
1,1-Dichloroethane	ND		ug/l	0.75	--	1
Chloroform	ND		ug/l	0.75	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	1.8	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.75	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
Trichlorofluoromethane	ND		ug/l	2.5	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.75	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	1.0	--	1
Vinyl chloride	ND		ug/l	1.0	--	1
Chloroethane	ND		ug/l	1.0	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	2.5	--	1
1,3-Dichlorobenzene	ND		ug/l	2.5	--	1
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
Methyl tert butyl ether	ND		ug/l	1.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212555-12 Date Collected: 07/14/12 08:15

Client ID: EB-071412-01 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/l	1.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
Xylenes, Total	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1
1,2-Dibromoethane	ND		ug/l	2.0	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1
Methyl Acetate	ND		ug/l	10	--	1
Cyclohexane	ND		ug/l	10	--	1
1,4-Dioxane	ND		ug/l	250	--	1
Freon-113	ND		ug/l	10	--	1
Methyl cyclohexane	ND		ug/l	10	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	98		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-13	Date Collected:	07/14/12 09:30
Client ID:	EB-071412-02	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	1,8260B		
Analytical Date:	07/17/12 09:40		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	1
1,1-Dichloroethane	ND		ug/l	0.75	--	1
Chloroform	7.0		ug/l	0.75	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	1.8	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.75	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
Trichlorofluoromethane	ND		ug/l	2.5	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
Bromodichloromethane	1.4		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.75	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	1.0	--	1
Vinyl chloride	ND		ug/l	1.0	--	1
Chloroethane	ND		ug/l	1.0	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	2.5	--	1
1,3-Dichlorobenzene	ND		ug/l	2.5	--	1
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
Methyl tert butyl ether	ND		ug/l	1.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212555-13 Date Collected: 07/14/12 09:30

Client ID: EB-071412-02 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/l	1.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
Xylenes, Total	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1
1,2-Dibromoethane	ND		ug/l	2.0	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1
Methyl Acetate	ND		ug/l	10	--	1
Cyclohexane	ND		ug/l	10	--	1
1,4-Dioxane	ND		ug/l	250	--	1
Freon-113	ND		ug/l	10	--	1
Methyl cyclohexane	ND		ug/l	10	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	98		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-14	Date Collected:	07/13/12 00:00
Client ID:	TB-071412-03	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	1,8260B		
Analytical Date:	07/17/12 10:05		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	1
1,1-Dichloroethane	ND		ug/l	0.75	--	1
Chloroform	ND		ug/l	0.75	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	1.8	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.75	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
Trichlorofluoromethane	ND		ug/l	2.5	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.75	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	1.0	--	1
Vinyl chloride	ND		ug/l	1.0	--	1
Chloroethane	ND		ug/l	1.0	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	2.5	--	1
1,3-Dichlorobenzene	ND		ug/l	2.5	--	1
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
Methyl tert butyl ether	ND		ug/l	1.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212555-14 Date Collected: 07/13/12 00:00

Client ID: TB-071412-03 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/l	1.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
Xylenes, Total	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1
1,2-Dibromoethane	ND		ug/l	2.0	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1
Methyl Acetate	ND		ug/l	10	--	1
Cyclohexane	ND		ug/l	10	--	1
1,4-Dioxane	ND		ug/l	250	--	1
Freon-113	ND		ug/l	10	--	1
Methyl cyclohexane	ND		ug/l	10	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	98		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-15	Date Collected:	07/14/12 07:40
Client ID:	S-12L-B004-3.5-4.0	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/16/12 16:03		
Analyst:	BN		
Percent Solids:	82%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	1000	--	1
1,1-Dichloroethane	ND		ug/kg	200	--	1
Chloroform	ND		ug/kg	200	--	1
Carbon tetrachloride	ND		ug/kg	200	--	1
1,2-Dichloropropane	ND		ug/kg	400	--	1
Dibromochloromethane	ND		ug/kg	200	--	1
1,1,2-Trichloroethane	ND		ug/kg	200	--	1
Tetrachloroethene	ND		ug/kg	200	--	1
Chlorobenzene	ND		ug/kg	200	--	1
Trichlorofluoromethane	ND		ug/kg	500	--	1
1,2-Dichloroethane	ND		ug/kg	200	--	1
1,1,1-Trichloroethane	ND		ug/kg	200	--	1
Bromodichloromethane	ND		ug/kg	200	--	1
trans-1,3-Dichloropropene	ND		ug/kg	200	--	1
cis-1,3-Dichloropropene	ND		ug/kg	200	--	1
Bromoform	ND		ug/kg	400	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	200	--	1
Benzene	ND		ug/kg	200	--	1
Toluene	ND		ug/kg	200	--	1
Ethylbenzene	ND		ug/kg	200	--	1
Chloromethane	ND		ug/kg	500	--	1
Bromomethane	ND		ug/kg	200	--	1
Vinyl chloride	510		ug/kg	200	--	1
Chloroethane	ND		ug/kg	200	--	1
1,1-Dichloroethene	ND		ug/kg	200	--	1
trans-1,2-Dichloroethene	ND		ug/kg	200	--	1
Trichloroethene	2000		ug/kg	200	--	1
1,2-Dichlorobenzene	ND		ug/kg	500	--	1
1,3-Dichlorobenzene	ND		ug/kg	500	--	1
1,4-Dichlorobenzene	ND		ug/kg	500	--	1
Methyl tert butyl ether	ND		ug/kg	200	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212555-15 Date Collected: 07/14/12 07:40

Client ID: S-12L-B004-3.5-4.0 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	400	--	1
o-Xylene	ND		ug/kg	400	--	1
Xylenes, Total	ND		ug/kg	400	--	1
cis-1,2-Dichloroethene	3700		ug/kg	200	--	1
Styrene	ND		ug/kg	400	--	1
Dichlorodifluoromethane	ND		ug/kg	1000	--	1
Acetone	ND		ug/kg	3600	--	1
Carbon disulfide	ND		ug/kg	1000	--	1
2-Butanone	ND		ug/kg	1000	--	1
4-Methyl-2-pentanone	ND		ug/kg	1000	--	1
2-Hexanone	ND		ug/kg	1000	--	1
Bromochloromethane	ND		ug/kg	500	--	1
1,2-Dibromoethane	ND		ug/kg	400	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	500	--	1
Isopropylbenzene	ND		ug/kg	200	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	500	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	500	--	1
Methyl Acetate	ND		ug/kg	2000	--	1
Cyclohexane	ND		ug/kg	2000	--	1
1,4-Dioxane	ND		ug/kg	10000	--	1
Methyl cyclohexane	ND		ug/kg	400	--	1
Freon-113	ND		ug/kg	2000	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	115		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	93		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-16	Date Collected:	07/14/12 07:40
Client ID:	S-12L-B004-3.5-4.0 REP	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/16/12 16:30		
Analyst:	BN		
Percent Solids:	81%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	960	--	1
1,1-Dichloroethane	ND		ug/kg	190	--	1
Chloroform	ND		ug/kg	190	--	1
Carbon tetrachloride	ND		ug/kg	190	--	1
1,2-Dichloropropane	ND		ug/kg	380	--	1
Dibromochloromethane	ND		ug/kg	190	--	1
1,1,2-Trichloroethane	ND		ug/kg	190	--	1
Tetrachloroethene	ND		ug/kg	190	--	1
Chlorobenzene	ND		ug/kg	190	--	1
Trichlorofluoromethane	ND		ug/kg	480	--	1
1,2-Dichloroethane	ND		ug/kg	190	--	1
1,1,1-Trichloroethane	ND		ug/kg	190	--	1
Bromodichloromethane	ND		ug/kg	190	--	1
trans-1,3-Dichloropropene	ND		ug/kg	190	--	1
cis-1,3-Dichloropropene	ND		ug/kg	190	--	1
Bromoform	ND		ug/kg	380	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	190	--	1
Benzene	ND		ug/kg	190	--	1
Toluene	ND		ug/kg	190	--	1
Ethylbenzene	ND		ug/kg	190	--	1
Chloromethane	ND		ug/kg	480	--	1
Bromomethane	ND		ug/kg	190	--	1
Vinyl chloride	620		ug/kg	190	--	1
Chloroethane	ND		ug/kg	190	--	1
1,1-Dichloroethene	ND		ug/kg	190	--	1
trans-1,2-Dichloroethene	ND		ug/kg	190	--	1
Trichloroethene	1800		ug/kg	190	--	1
1,2-Dichlorobenzene	ND		ug/kg	480	--	1
1,3-Dichlorobenzene	ND		ug/kg	480	--	1
1,4-Dichlorobenzene	ND		ug/kg	480	--	1
Methyl tert butyl ether	ND		ug/kg	190	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212555-16 Date Collected: 07/14/12 07:40

Client ID: S-12L-B004-3.5-4.0 REP Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	380	--	1
o-Xylene	ND		ug/kg	380	--	1
Xylenes, Total	ND		ug/kg	380	--	1
cis-1,2-Dichloroethene	4600		ug/kg	190	--	1
Styrene	ND		ug/kg	380	--	1
Dichlorodifluoromethane	ND		ug/kg	960	--	1
Acetone	ND		ug/kg	3400	--	1
Carbon disulfide	ND		ug/kg	960	--	1
2-Butanone	ND		ug/kg	960	--	1
4-Methyl-2-pentanone	ND		ug/kg	960	--	1
2-Hexanone	ND		ug/kg	960	--	1
Bromochloromethane	ND		ug/kg	480	--	1
1,2-Dibromoethane	ND		ug/kg	380	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	480	--	1
Isopropylbenzene	ND		ug/kg	190	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	480	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	480	--	1
Methyl Acetate	ND		ug/kg	1900	--	1
Cyclohexane	ND		ug/kg	1900	--	1
1,4-Dioxane	ND		ug/kg	9600	--	1
Methyl cyclohexane	ND		ug/kg	380	--	1
Freon-113	ND		ug/kg	1900	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	118		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	92		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-17 D	Date Collected:	07/14/12 07:40
Client ID:	S-12L-B004-0.5-1.0	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/16/12 16:57		
Analyst:	BN		
Percent Solids:	76%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	9500	--	10
1,1-Dichloroethane	ND		ug/kg	1900	--	10
Chloroform	ND		ug/kg	1900	--	10
Carbon tetrachloride	ND		ug/kg	1900	--	10
1,2-Dichloropropane	ND		ug/kg	3800	--	10
Dibromochloromethane	ND		ug/kg	1900	--	10
1,1,2-Trichloroethane	ND		ug/kg	1900	--	10
Tetrachloroethene	ND		ug/kg	1900	--	10
Chlorobenzene	ND		ug/kg	1900	--	10
Trichlorofluoromethane	ND		ug/kg	4800	--	10
1,2-Dichloroethane	ND		ug/kg	1900	--	10
1,1,1-Trichloroethane	ND		ug/kg	1900	--	10
Bromodichloromethane	ND		ug/kg	1900	--	10
trans-1,3-Dichloropropene	ND		ug/kg	1900	--	10
cis-1,3-Dichloropropene	ND		ug/kg	1900	--	10
Bromoform	ND		ug/kg	3800	--	10
1,1,2,2-Tetrachloroethane	ND		ug/kg	1900	--	10
Benzene	ND		ug/kg	1900	--	10
Toluene	ND		ug/kg	1900	--	10
Ethylbenzene	ND		ug/kg	1900	--	10
Chloromethane	ND		ug/kg	4800	--	10
Bromomethane	ND		ug/kg	1900	--	10
Vinyl chloride	ND		ug/kg	1900	--	10
Chloroethane	ND		ug/kg	1900	--	10
1,1-Dichloroethene	ND		ug/kg	1900	--	10
trans-1,2-Dichloroethene	ND		ug/kg	1900	--	10
Trichloroethene	81000		ug/kg	1900	--	10
1,2-Dichlorobenzene	ND		ug/kg	4800	--	10
1,3-Dichlorobenzene	ND		ug/kg	4800	--	10
1,4-Dichlorobenzene	ND		ug/kg	4800	--	10
Methyl tert butyl ether	ND		ug/kg	1900	--	10

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212555-17 D Date Collected: 07/14/12 07:40

Client ID: S-12L-B004-0.5-1.0 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	3800	--	10
o-Xylene	ND		ug/kg	3800	--	10
Xylenes, Total	ND		ug/kg	3800	--	10
cis-1,2-Dichloroethene	17000		ug/kg	1900	--	10
Styrene	ND		ug/kg	3800	--	10
Dichlorodifluoromethane	ND		ug/kg	9500	--	10
Acetone	ND		ug/kg	34000	--	10
Carbon disulfide	ND		ug/kg	9500	--	10
2-Butanone	ND		ug/kg	9500	--	10
4-Methyl-2-pentanone	ND		ug/kg	9500	--	10
2-Hexanone	ND		ug/kg	9500	--	10
Bromochloromethane	ND		ug/kg	4800	--	10
1,2-Dibromoethane	ND		ug/kg	3800	--	10
1,2-Dibromo-3-chloropropane	ND		ug/kg	4800	--	10
Isopropylbenzene	ND		ug/kg	1900	--	10
1,2,3-Trichlorobenzene	ND		ug/kg	4800	--	10
1,2,4-Trichlorobenzene	ND		ug/kg	4800	--	10
Methyl Acetate	ND		ug/kg	19000	--	10
Cyclohexane	ND		ug/kg	19000	--	10
1,4-Dioxane	ND		ug/kg	95000	--	10
Methyl cyclohexane	ND		ug/kg	3800	--	10
Freon-113	ND		ug/kg	19000	--	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	116		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	95		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-18	Date Collected:	07/14/12 08:35
Client ID:	S-12L-B004-6.5-7.0	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/16/12 17:24		
Analyst:	BN		
Percent Solids:	81%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	830	--	1
1,1-Dichloroethane	ND		ug/kg	160	--	1
Chloroform	ND		ug/kg	160	--	1
Carbon tetrachloride	ND		ug/kg	160	--	1
1,2-Dichloropropane	ND		ug/kg	330	--	1
Dibromochloromethane	ND		ug/kg	160	--	1
1,1,2-Trichloroethane	ND		ug/kg	160	--	1
Tetrachloroethene	ND		ug/kg	160	--	1
Chlorobenzene	ND		ug/kg	160	--	1
Trichlorofluoromethane	ND		ug/kg	410	--	1
1,2-Dichloroethane	ND		ug/kg	160	--	1
1,1,1-Trichloroethane	ND		ug/kg	160	--	1
Bromodichloromethane	ND		ug/kg	160	--	1
trans-1,3-Dichloropropene	ND		ug/kg	160	--	1
cis-1,3-Dichloropropene	ND		ug/kg	160	--	1
Bromoform	ND		ug/kg	330	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	160	--	1
Benzene	ND		ug/kg	160	--	1
Toluene	ND		ug/kg	160	--	1
Ethylbenzene	ND		ug/kg	160	--	1
Chloromethane	ND		ug/kg	410	--	1
Bromomethane	ND		ug/kg	160	--	1
Vinyl chloride	ND		ug/kg	160	--	1
Chloroethane	ND		ug/kg	160	--	1
1,1-Dichloroethene	ND		ug/kg	160	--	1
trans-1,2-Dichloroethene	ND		ug/kg	160	--	1
Trichloroethene	1100		ug/kg	160	--	1
1,2-Dichlorobenzene	ND		ug/kg	410	--	1
1,3-Dichlorobenzene	ND		ug/kg	410	--	1
1,4-Dichlorobenzene	ND		ug/kg	410	--	1
Methyl tert butyl ether	ND		ug/kg	160	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212555-18 Date Collected: 07/14/12 08:35

Client ID: S-12L-B004-6.5-7.0 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	330	--	1
o-Xylene	ND		ug/kg	330	--	1
Xylenes, Total	ND		ug/kg	330	--	1
cis-1,2-Dichloroethene	330		ug/kg	160	--	1
Styrene	ND		ug/kg	330	--	1
Dichlorodifluoromethane	ND		ug/kg	830	--	1
Acetone	ND		ug/kg	3000	--	1
Carbon disulfide	ND		ug/kg	830	--	1
2-Butanone	ND		ug/kg	830	--	1
4-Methyl-2-pentanone	ND		ug/kg	830	--	1
2-Hexanone	ND		ug/kg	830	--	1
Bromochloromethane	ND		ug/kg	410	--	1
1,2-Dibromoethane	ND		ug/kg	330	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	410	--	1
Isopropylbenzene	ND		ug/kg	160	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	410	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	410	--	1
Methyl Acetate	ND		ug/kg	1600	--	1
Cyclohexane	ND		ug/kg	1600	--	1
1,4-Dioxane	ND		ug/kg	8300	--	1
Methyl cyclohexane	ND		ug/kg	330	--	1
Freon-113	ND		ug/kg	1600	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	117		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	92		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-19	Date Collected:	07/14/12 08:35
Client ID:	S-12L-B004-7.5-8.0	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/16/12 17:51		
Analyst:	BN		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	660	--	1
1,1-Dichloroethane	ND		ug/kg	130	--	1
Chloroform	ND		ug/kg	130	--	1
Carbon tetrachloride	ND		ug/kg	130	--	1
1,2-Dichloropropane	ND		ug/kg	260	--	1
Dibromochloromethane	ND		ug/kg	130	--	1
1,1,2-Trichloroethane	ND		ug/kg	130	--	1
Tetrachloroethene	ND		ug/kg	130	--	1
Chlorobenzene	ND		ug/kg	130	--	1
Trichlorofluoromethane	ND		ug/kg	330	--	1
1,2-Dichloroethane	ND		ug/kg	130	--	1
1,1,1-Trichloroethane	ND		ug/kg	130	--	1
Bromodichloromethane	ND		ug/kg	130	--	1
trans-1,3-Dichloropropene	ND		ug/kg	130	--	1
cis-1,3-Dichloropropene	ND		ug/kg	130	--	1
Bromoform	ND		ug/kg	260	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	130	--	1
Benzene	ND		ug/kg	130	--	1
Toluene	ND		ug/kg	130	--	1
Ethylbenzene	ND		ug/kg	130	--	1
Chloromethane	ND		ug/kg	330	--	1
Bromomethane	ND		ug/kg	130	--	1
Vinyl chloride	ND		ug/kg	130	--	1
Chloroethane	ND		ug/kg	130	--	1
1,1-Dichloroethene	ND		ug/kg	130	--	1
trans-1,2-Dichloroethene	ND		ug/kg	130	--	1
Trichloroethene	600		ug/kg	130	--	1
1,2-Dichlorobenzene	ND		ug/kg	330	--	1
1,3-Dichlorobenzene	ND		ug/kg	330	--	1
1,4-Dichlorobenzene	ND		ug/kg	330	--	1
Methyl tert butyl ether	ND		ug/kg	130	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212555-19 Date Collected: 07/14/12 08:35

Client ID: S-12L-B004-7.5-8.0 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	260	--	1
o-Xylene	ND		ug/kg	260	--	1
Xylenes, Total	ND		ug/kg	260	--	1
cis-1,2-Dichloroethene	ND		ug/kg	130	--	1
Styrene	ND		ug/kg	260	--	1
Dichlorodifluoromethane	ND		ug/kg	660	--	1
Acetone	ND		ug/kg	2400	--	1
Carbon disulfide	ND		ug/kg	660	--	1
2-Butanone	ND		ug/kg	660	--	1
4-Methyl-2-pentanone	ND		ug/kg	660	--	1
2-Hexanone	ND		ug/kg	660	--	1
Bromochloromethane	ND		ug/kg	330	--	1
1,2-Dibromoethane	ND		ug/kg	260	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	330	--	1
Isopropylbenzene	ND		ug/kg	130	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	330	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	330	--	1
Methyl Acetate	ND		ug/kg	1300	--	1
Cyclohexane	ND		ug/kg	1300	--	1
1,4-Dioxane	ND		ug/kg	6600	--	1
Methyl cyclohexane	ND		ug/kg	260	--	1
Freon-113	ND		ug/kg	1300	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	115		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	90		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-20	Date Collected:	07/14/12 08:50
Client ID:	S-12L-B004-11.0-11.5	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/16/12 18:19		
Analyst:	BN		
Percent Solids:	95%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	580	--	1
1,1-Dichloroethane	ND		ug/kg	120	--	1
Chloroform	ND		ug/kg	120	--	1
Carbon tetrachloride	ND		ug/kg	120	--	1
1,2-Dichloropropane	ND		ug/kg	230	--	1
Dibromochloromethane	ND		ug/kg	120	--	1
1,1,2-Trichloroethane	ND		ug/kg	120	--	1
Tetrachloroethene	ND		ug/kg	120	--	1
Chlorobenzene	ND		ug/kg	120	--	1
Trichlorofluoromethane	ND		ug/kg	290	--	1
1,2-Dichloroethane	ND		ug/kg	120	--	1
1,1,1-Trichloroethane	ND		ug/kg	120	--	1
Bromodichloromethane	ND		ug/kg	120	--	1
trans-1,3-Dichloropropene	ND		ug/kg	120	--	1
cis-1,3-Dichloropropene	ND		ug/kg	120	--	1
Bromoform	ND		ug/kg	230	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	120	--	1
Benzene	ND		ug/kg	120	--	1
Toluene	ND		ug/kg	120	--	1
Ethylbenzene	ND		ug/kg	120	--	1
Chloromethane	ND		ug/kg	290	--	1
Bromomethane	ND		ug/kg	120	--	1
Vinyl chloride	ND		ug/kg	120	--	1
Chloroethane	ND		ug/kg	120	--	1
1,1-Dichloroethene	ND		ug/kg	120	--	1
trans-1,2-Dichloroethene	ND		ug/kg	120	--	1
Trichloroethene	ND		ug/kg	120	--	1
1,2-Dichlorobenzene	ND		ug/kg	290	--	1
1,3-Dichlorobenzene	ND		ug/kg	290	--	1
1,4-Dichlorobenzene	ND		ug/kg	290	--	1
Methyl tert butyl ether	ND		ug/kg	120	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212555-20 Date Collected: 07/14/12 08:50

Client ID: S-12L-B004-11.0-11.5 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	230	--	1
o-Xylene	ND		ug/kg	230	--	1
Xylenes, Total	ND		ug/kg	230	--	1
cis-1,2-Dichloroethene	ND		ug/kg	120	--	1
Styrene	ND		ug/kg	230	--	1
Dichlorodifluoromethane	ND		ug/kg	580	--	1
Acetone	ND		ug/kg	2100	--	1
Carbon disulfide	ND		ug/kg	580	--	1
2-Butanone	ND		ug/kg	580	--	1
4-Methyl-2-pentanone	ND		ug/kg	580	--	1
2-Hexanone	ND		ug/kg	580	--	1
Bromochloromethane	ND		ug/kg	290	--	1
1,2-Dibromoethane	ND		ug/kg	230	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	290	--	1
Isopropylbenzene	ND		ug/kg	120	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	290	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	290	--	1
Methyl Acetate	ND		ug/kg	1200	--	1
Cyclohexane	ND		ug/kg	1200	--	1
1,4-Dioxane	ND		ug/kg	5800	--	1
Methyl cyclohexane	ND		ug/kg	230	--	1
Freon-113	ND		ug/kg	1200	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	116		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	93		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-21	Date Collected:	07/14/12 09:25
Client ID:	S-12L-B004-15.5-16.0	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/16/12 18:46		
Analyst:	BN		
Percent Solids:	91%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	700	--	1
1,1-Dichloroethane	ND		ug/kg	140	--	1
Chloroform	ND		ug/kg	140	--	1
Carbon tetrachloride	ND		ug/kg	140	--	1
1,2-Dichloropropane	ND		ug/kg	280	--	1
Dibromochloromethane	ND		ug/kg	140	--	1
1,1,2-Trichloroethane	ND		ug/kg	140	--	1
Tetrachloroethene	ND		ug/kg	140	--	1
Chlorobenzene	ND		ug/kg	140	--	1
Trichlorofluoromethane	ND		ug/kg	350	--	1
1,2-Dichloroethane	ND		ug/kg	140	--	1
1,1,1-Trichloroethane	ND		ug/kg	140	--	1
Bromodichloromethane	ND		ug/kg	140	--	1
trans-1,3-Dichloropropene	ND		ug/kg	140	--	1
cis-1,3-Dichloropropene	ND		ug/kg	140	--	1
Bromoform	ND		ug/kg	280	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	140	--	1
Benzene	ND		ug/kg	140	--	1
Toluene	ND		ug/kg	140	--	1
Ethylbenzene	ND		ug/kg	140	--	1
Chloromethane	ND		ug/kg	350	--	1
Bromomethane	ND		ug/kg	140	--	1
Vinyl chloride	ND		ug/kg	140	--	1
Chloroethane	ND		ug/kg	140	--	1
1,1-Dichloroethene	ND		ug/kg	140	--	1
trans-1,2-Dichloroethene	ND		ug/kg	140	--	1
Trichloroethene	190		ug/kg	140	--	1
1,2-Dichlorobenzene	ND		ug/kg	350	--	1
1,3-Dichlorobenzene	ND		ug/kg	350	--	1
1,4-Dichlorobenzene	ND		ug/kg	350	--	1
Methyl tert butyl ether	ND		ug/kg	140	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212555-21 Date Collected: 07/14/12 09:25

Client ID: S-12L-B004-15.5-16.0 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	280	--	1
o-Xylene	ND		ug/kg	280	--	1
Xylenes, Total	ND		ug/kg	280	--	1
cis-1,2-Dichloroethene	ND		ug/kg	140	--	1
Styrene	ND		ug/kg	280	--	1
Dichlorodifluoromethane	ND		ug/kg	700	--	1
Acetone	ND		ug/kg	2500	--	1
Carbon disulfide	ND		ug/kg	700	--	1
2-Butanone	ND		ug/kg	700	--	1
4-Methyl-2-pentanone	ND		ug/kg	700	--	1
2-Hexanone	ND		ug/kg	700	--	1
Bromochloromethane	ND		ug/kg	350	--	1
1,2-Dibromoethane	ND		ug/kg	280	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	350	--	1
Isopropylbenzene	ND		ug/kg	140	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	350	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	350	--	1
Methyl Acetate	ND		ug/kg	1400	--	1
Cyclohexane	ND		ug/kg	1400	--	1
1,4-Dioxane	ND		ug/kg	7000	--	1
Methyl cyclohexane	ND		ug/kg	280	--	1
Freon-113	ND		ug/kg	1400	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	116		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	92		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-22	Date Collected:	07/14/12 09:25
Client ID:	S-12L-B004-17.5-18.0	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/16/12 16:00		
Analyst:	BN		
Percent Solids:	82%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	810	--	1
1,1-Dichloroethane	ND		ug/kg	160	--	1
Chloroform	ND		ug/kg	160	--	1
Carbon tetrachloride	ND		ug/kg	160	--	1
1,2-Dichloropropane	ND		ug/kg	320	--	1
Dibromochloromethane	ND		ug/kg	160	--	1
1,1,2-Trichloroethane	ND		ug/kg	160	--	1
Tetrachloroethene	ND		ug/kg	160	--	1
Chlorobenzene	ND		ug/kg	160	--	1
Trichlorofluoromethane	ND		ug/kg	410	--	1
1,2-Dichloroethane	ND		ug/kg	160	--	1
1,1,1-Trichloroethane	ND		ug/kg	160	--	1
Bromodichloromethane	ND		ug/kg	160	--	1
trans-1,3-Dichloropropene	ND		ug/kg	160	--	1
cis-1,3-Dichloropropene	ND		ug/kg	160	--	1
Bromoform	ND		ug/kg	320	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	160	--	1
Benzene	ND		ug/kg	160	--	1
Toluene	ND		ug/kg	160	--	1
Ethylbenzene	ND		ug/kg	160	--	1
Chloromethane	ND		ug/kg	410	--	1
Bromomethane	ND		ug/kg	160	--	1
Vinyl chloride	ND		ug/kg	160	--	1
Chloroethane	ND		ug/kg	160	--	1
1,1-Dichloroethene	ND		ug/kg	160	--	1
trans-1,2-Dichloroethene	ND		ug/kg	160	--	1
Trichloroethene	1000		ug/kg	160	--	1
1,2-Dichlorobenzene	ND		ug/kg	410	--	1
1,3-Dichlorobenzene	ND		ug/kg	410	--	1
1,4-Dichlorobenzene	ND		ug/kg	410	--	1
Methyl tert butyl ether	ND		ug/kg	160	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212555-22 Date Collected: 07/14/12 09:25

Client ID: S-12L-B004-17.5-18.0 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	320	--	1
o-Xylene	ND		ug/kg	320	--	1
Xylenes, Total	ND		ug/kg	320	--	1
cis-1,2-Dichloroethene	ND		ug/kg	160	--	1
Styrene	ND		ug/kg	320	--	1
Dichlorodifluoromethane	ND		ug/kg	810	--	1
Acetone	ND		ug/kg	2900	--	1
Carbon disulfide	ND		ug/kg	810	--	1
2-Butanone	ND		ug/kg	810	--	1
4-Methyl-2-pentanone	ND		ug/kg	810	--	1
2-Hexanone	ND		ug/kg	810	--	1
Bromochloromethane	ND		ug/kg	410	--	1
1,2-Dibromoethane	ND		ug/kg	320	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	410	--	1
Isopropylbenzene	ND		ug/kg	160	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	410	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	410	--	1
Methyl Acetate	ND		ug/kg	1600	--	1
Cyclohexane	ND		ug/kg	1600	--	1
1,4-Dioxane	ND		ug/kg	8100	--	1
Methyl cyclohexane	ND		ug/kg	320	--	1
Freon-113	ND		ug/kg	1600	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	79		70-130
Toluene-d8	84		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	93		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-23	Date Collected:	07/14/12 09:50
Client ID:	S-12L-B004-20.0-20.5	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/16/12 16:28		
Analyst:	BN		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	670	--	1
1,1-Dichloroethane	ND		ug/kg	130	--	1
Chloroform	ND		ug/kg	130	--	1
Carbon tetrachloride	ND		ug/kg	130	--	1
1,2-Dichloropropane	ND		ug/kg	270	--	1
Dibromochloromethane	ND		ug/kg	130	--	1
1,1,2-Trichloroethane	ND		ug/kg	130	--	1
Tetrachloroethene	ND		ug/kg	130	--	1
Chlorobenzene	ND		ug/kg	130	--	1
Trichlorofluoromethane	ND		ug/kg	330	--	1
1,2-Dichloroethane	ND		ug/kg	130	--	1
1,1,1-Trichloroethane	ND		ug/kg	130	--	1
Bromodichloromethane	ND		ug/kg	130	--	1
trans-1,3-Dichloropropene	ND		ug/kg	130	--	1
cis-1,3-Dichloropropene	ND		ug/kg	130	--	1
Bromoform	ND		ug/kg	270	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	130	--	1
Benzene	ND		ug/kg	130	--	1
Toluene	ND		ug/kg	130	--	1
Ethylbenzene	ND		ug/kg	130	--	1
Chloromethane	ND		ug/kg	330	--	1
Bromomethane	ND		ug/kg	130	--	1
Vinyl chloride	ND		ug/kg	130	--	1
Chloroethane	ND		ug/kg	130	--	1
1,1-Dichloroethene	ND		ug/kg	130	--	1
trans-1,2-Dichloroethene	ND		ug/kg	130	--	1
Trichloroethene	ND		ug/kg	130	--	1
1,2-Dichlorobenzene	ND		ug/kg	330	--	1
1,3-Dichlorobenzene	ND		ug/kg	330	--	1
1,4-Dichlorobenzene	ND		ug/kg	330	--	1
Methyl tert butyl ether	ND		ug/kg	130	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212555-23 Date Collected: 07/14/12 09:50

Client ID: S-12L-B004-20.0-20.5 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	270	--	1
o-Xylene	ND		ug/kg	270	--	1
Xylenes, Total	ND		ug/kg	270	--	1
cis-1,2-Dichloroethene	ND		ug/kg	130	--	1
Styrene	ND		ug/kg	270	--	1
Dichlorodifluoromethane	ND		ug/kg	670	--	1
Acetone	ND		ug/kg	2400	--	1
Carbon disulfide	ND		ug/kg	670	--	1
2-Butanone	ND		ug/kg	670	--	1
4-Methyl-2-pentanone	ND		ug/kg	670	--	1
2-Hexanone	ND		ug/kg	670	--	1
Bromochloromethane	ND		ug/kg	330	--	1
1,2-Dibromoethane	ND		ug/kg	270	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	330	--	1
Isopropylbenzene	ND		ug/kg	130	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	330	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	330	--	1
Methyl Acetate	ND		ug/kg	1300	--	1
Cyclohexane	ND		ug/kg	1300	--	1
1,4-Dioxane	ND		ug/kg	6700	--	1
Methyl cyclohexane	ND		ug/kg	270	--	1
Freon-113	ND		ug/kg	1300	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	79		70-130
Toluene-d8	86		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	93		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-24	Date Collected:	07/14/12 10:45
Client ID:	S-12L-B005-0.5-1.0	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/16/12 16:55		
Analyst:	BN		
Percent Solids:	34%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	3800	--	1
1,1-Dichloroethane	ND		ug/kg	770	--	1
Chloroform	ND		ug/kg	770	--	1
Carbon tetrachloride	ND		ug/kg	770	--	1
1,2-Dichloropropane	ND		ug/kg	1500	--	1
Dibromochloromethane	ND		ug/kg	770	--	1
1,1,2-Trichloroethane	ND		ug/kg	770	--	1
Tetrachloroethene	ND		ug/kg	770	--	1
Chlorobenzene	ND		ug/kg	770	--	1
Trichlorofluoromethane	ND		ug/kg	1900	--	1
1,2-Dichloroethane	ND		ug/kg	770	--	1
1,1,1-Trichloroethane	ND		ug/kg	770	--	1
Bromodichloromethane	ND		ug/kg	770	--	1
trans-1,3-Dichloropropene	ND		ug/kg	770	--	1
cis-1,3-Dichloropropene	ND		ug/kg	770	--	1
Bromoform	ND		ug/kg	1500	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	770	--	1
Benzene	ND		ug/kg	770	--	1
Toluene	ND		ug/kg	770	--	1
Ethylbenzene	ND		ug/kg	770	--	1
Chloromethane	ND		ug/kg	1900	--	1
Bromomethane	ND		ug/kg	770	--	1
Vinyl chloride	ND		ug/kg	770	--	1
Chloroethane	ND		ug/kg	770	--	1
1,1-Dichloroethene	ND		ug/kg	770	--	1
trans-1,2-Dichloroethene	ND		ug/kg	770	--	1
Trichloroethene	ND		ug/kg	770	--	1
1,2-Dichlorobenzene	ND		ug/kg	1900	--	1
1,3-Dichlorobenzene	ND		ug/kg	1900	--	1
1,4-Dichlorobenzene	ND		ug/kg	1900	--	1
Methyl tert butyl ether	ND		ug/kg	770	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212555-24 Date Collected: 07/14/12 10:45

Client ID: S-12L-B005-0.5-1.0 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	1500	--	1
o-Xylene	ND		ug/kg	1500	--	1
Xylenes, Total	ND		ug/kg	1500	--	1
cis-1,2-Dichloroethene	ND		ug/kg	770	--	1
Styrene	ND		ug/kg	1500	--	1
Dichlorodifluoromethane	ND		ug/kg	3800	--	1
Acetone	ND		ug/kg	14000	--	1
Carbon disulfide	ND		ug/kg	3800	--	1
2-Butanone	ND		ug/kg	3800	--	1
4-Methyl-2-pentanone	ND		ug/kg	3800	--	1
2-Hexanone	ND		ug/kg	3800	--	1
Bromochloromethane	ND		ug/kg	1900	--	1
1,2-Dibromoethane	ND		ug/kg	1500	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	1900	--	1
Isopropylbenzene	ND		ug/kg	770	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	1900	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	1900	--	1
Methyl Acetate	ND		ug/kg	7700	--	1
Cyclohexane	ND		ug/kg	7700	--	1
1,4-Dioxane	ND		ug/kg	38000	--	1
Methyl cyclohexane	ND		ug/kg	1500	--	1
Freon-113	ND		ug/kg	7700	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	79		70-130
Toluene-d8	86		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	93		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-25	Date Collected:	07/14/12 10:45
Client ID:	S-12L-B005-0.5-1.0 REP	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/16/12 17:23		
Analyst:	BN		
Percent Solids:	38%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	3600	--	1
1,1-Dichloroethane	ND		ug/kg	720	--	1
Chloroform	ND		ug/kg	720	--	1
Carbon tetrachloride	ND		ug/kg	720	--	1
1,2-Dichloropropane	ND		ug/kg	1400	--	1
Dibromochloromethane	ND		ug/kg	720	--	1
1,1,2-Trichloroethane	ND		ug/kg	720	--	1
Tetrachloroethene	ND		ug/kg	720	--	1
Chlorobenzene	ND		ug/kg	720	--	1
Trichlorofluoromethane	ND		ug/kg	1800	--	1
1,2-Dichloroethane	ND		ug/kg	720	--	1
1,1,1-Trichloroethane	ND		ug/kg	720	--	1
Bromodichloromethane	ND		ug/kg	720	--	1
trans-1,3-Dichloropropene	ND		ug/kg	720	--	1
cis-1,3-Dichloropropene	ND		ug/kg	720	--	1
Bromoform	ND		ug/kg	1400	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	720	--	1
Benzene	ND		ug/kg	720	--	1
Toluene	ND		ug/kg	720	--	1
Ethylbenzene	ND		ug/kg	720	--	1
Chloromethane	ND		ug/kg	1800	--	1
Bromomethane	ND		ug/kg	720	--	1
Vinyl chloride	ND		ug/kg	720	--	1
Chloroethane	ND		ug/kg	720	--	1
1,1-Dichloroethene	ND		ug/kg	720	--	1
trans-1,2-Dichloroethene	ND		ug/kg	720	--	1
Trichloroethene	ND		ug/kg	720	--	1
1,2-Dichlorobenzene	ND		ug/kg	1800	--	1
1,3-Dichlorobenzene	ND		ug/kg	1800	--	1
1,4-Dichlorobenzene	ND		ug/kg	1800	--	1
Methyl tert butyl ether	ND		ug/kg	720	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212555-25 Date Collected: 07/14/12 10:45

Client ID: S-12L-B005-0.5-1.0 REP Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	1400	--	1
o-Xylene	ND		ug/kg	1400	--	1
Xylenes, Total	ND		ug/kg	1400	--	1
cis-1,2-Dichloroethene	ND		ug/kg	720	--	1
Styrene	ND		ug/kg	1400	--	1
Dichlorodifluoromethane	ND		ug/kg	3600	--	1
Acetone	ND		ug/kg	13000	--	1
Carbon disulfide	ND		ug/kg	3600	--	1
2-Butanone	ND		ug/kg	3600	--	1
4-Methyl-2-pentanone	ND		ug/kg	3600	--	1
2-Hexanone	ND		ug/kg	3600	--	1
Bromochloromethane	ND		ug/kg	1800	--	1
1,2-Dibromoethane	ND		ug/kg	1400	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	1800	--	1
Isopropylbenzene	ND		ug/kg	720	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	1800	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	1800	--	1
Methyl Acetate	ND		ug/kg	7200	--	1
Cyclohexane	ND		ug/kg	7200	--	1
1,4-Dioxane	ND		ug/kg	36000	--	1
Methyl cyclohexane	ND		ug/kg	1400	--	1
Freon-113	ND		ug/kg	7200	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	79		70-130
Toluene-d8	86		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	93		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-26	Date Collected:	07/14/12 10:45
Client ID:	S-12L-B005-4.0-4.5	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/16/12 17:50		
Analyst:	BN		
Percent Solids:	83%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	880	--	1
1,1-Dichloroethane	ND		ug/kg	180	--	1
Chloroform	ND		ug/kg	180	--	1
Carbon tetrachloride	ND		ug/kg	180	--	1
1,2-Dichloropropane	ND		ug/kg	350	--	1
Dibromochloromethane	ND		ug/kg	180	--	1
1,1,2-Trichloroethane	ND		ug/kg	180	--	1
Tetrachloroethene	ND		ug/kg	180	--	1
Chlorobenzene	ND		ug/kg	180	--	1
Trichlorofluoromethane	ND		ug/kg	440	--	1
1,2-Dichloroethane	ND		ug/kg	180	--	1
1,1,1-Trichloroethane	ND		ug/kg	180	--	1
Bromodichloromethane	ND		ug/kg	180	--	1
trans-1,3-Dichloropropene	ND		ug/kg	180	--	1
cis-1,3-Dichloropropene	ND		ug/kg	180	--	1
Bromoform	ND		ug/kg	350	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	180	--	1
Benzene	ND		ug/kg	180	--	1
Toluene	ND		ug/kg	180	--	1
Ethylbenzene	ND		ug/kg	180	--	1
Chloromethane	ND		ug/kg	440	--	1
Bromomethane	ND		ug/kg	180	--	1
Vinyl chloride	ND		ug/kg	180	--	1
Chloroethane	ND		ug/kg	180	--	1
1,1-Dichloroethene	ND		ug/kg	180	--	1
trans-1,2-Dichloroethene	ND		ug/kg	180	--	1
Trichloroethene	ND		ug/kg	180	--	1
1,2-Dichlorobenzene	ND		ug/kg	440	--	1
1,3-Dichlorobenzene	ND		ug/kg	440	--	1
1,4-Dichlorobenzene	ND		ug/kg	440	--	1
Methyl tert butyl ether	ND		ug/kg	180	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212555-26 Date Collected: 07/14/12 10:45

Client ID: S-12L-B005-4.0-4.5 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	350	--	1
o-Xylene	ND		ug/kg	350	--	1
Xylenes, Total	ND		ug/kg	350	--	1
cis-1,2-Dichloroethene	ND		ug/kg	180	--	1
Styrene	ND		ug/kg	350	--	1
Dichlorodifluoromethane	ND		ug/kg	880	--	1
Acetone	ND		ug/kg	3200	--	1
Carbon disulfide	ND		ug/kg	880	--	1
2-Butanone	ND		ug/kg	880	--	1
4-Methyl-2-pentanone	ND		ug/kg	880	--	1
2-Hexanone	ND		ug/kg	880	--	1
Bromochloromethane	ND		ug/kg	440	--	1
1,2-Dibromoethane	ND		ug/kg	350	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	440	--	1
Isopropylbenzene	ND		ug/kg	180	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	440	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	440	--	1
Methyl Acetate	ND		ug/kg	1800	--	1
Cyclohexane	ND		ug/kg	1800	--	1
1,4-Dioxane	ND		ug/kg	8800	--	1
Methyl cyclohexane	ND		ug/kg	350	--	1
Freon-113	ND		ug/kg	1800	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	79		70-130
Toluene-d8	84		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	94		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-27	Date Collected:	07/14/12 11:15
Client ID:	EB-071412-03	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	1,8260B		
Analytical Date:	07/17/12 10:31		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	1
1,1-Dichloroethane	ND		ug/l	0.75	--	1
Chloroform	ND		ug/l	0.75	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	1.8	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.75	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
Trichlorofluoromethane	ND		ug/l	2.5	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.75	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	1.0	--	1
Vinyl chloride	ND		ug/l	1.0	--	1
Chloroethane	ND		ug/l	1.0	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	2.5	--	1
1,3-Dichlorobenzene	ND		ug/l	2.5	--	1
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
Methyl tert butyl ether	ND		ug/l	1.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212555-27 Date Collected: 07/14/12 11:15

Client ID: EB-071412-03 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/l	1.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
Xylenes, Total	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1
1,2-Dibromoethane	ND		ug/l	2.0	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1
Methyl Acetate	ND		ug/l	10	--	1
Cyclohexane	ND		ug/l	10	--	1
1,4-Dioxane	ND		ug/l	250	--	1
Freon-113	ND		ug/l	10	--	1
Methyl cyclohexane	ND		ug/l	10	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	98		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-28	Date Collected:	07/14/12 14:05
Client ID:	EB-071412-04	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	1,8260B		
Analytical Date:	07/17/12 10:56		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	1
1,1-Dichloroethane	ND		ug/l	0.75	--	1
Chloroform	ND		ug/l	0.75	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	1.8	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.75	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
Trichlorofluoromethane	ND		ug/l	2.5	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.75	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	1.0	--	1
Vinyl chloride	ND		ug/l	1.0	--	1
Chloroethane	ND		ug/l	1.0	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	2.5	--	1
1,3-Dichlorobenzene	ND		ug/l	2.5	--	1
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
Methyl tert butyl ether	ND		ug/l	1.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212555-28 Date Collected: 07/14/12 14:05

Client ID: EB-071412-04 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/l	1.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
Xylenes, Total	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1
1,2-Dibromoethane	ND		ug/l	2.0	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1
Methyl Acetate	ND		ug/l	10	--	1
Cyclohexane	ND		ug/l	10	--	1
1,4-Dioxane	ND		ug/l	250	--	1
Freon-113	ND		ug/l	10	--	1
Methyl cyclohexane	ND		ug/l	10	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	100		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-29	Date Collected:	07/13/12 00:00
Client ID:	TB-071412-04	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	1,8260B		
Analytical Date:	07/17/12 11:22		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	1
1,1-Dichloroethane	ND		ug/l	0.75	--	1
Chloroform	ND		ug/l	0.75	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	1.8	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.75	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
Trichlorofluoromethane	ND		ug/l	2.5	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.75	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	1.0	--	1
Vinyl chloride	ND		ug/l	1.0	--	1
Chloroethane	ND		ug/l	1.0	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	2.5	--	1
1,3-Dichlorobenzene	ND		ug/l	2.5	--	1
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
Methyl tert butyl ether	ND		ug/l	1.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212555-29 Date Collected: 07/13/12 00:00

Client ID: TB-071412-04 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/l	1.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
Xylenes, Total	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1
1,2-Dibromoethane	ND		ug/l	2.0	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1
Methyl Acetate	ND		ug/l	10	--	1
Cyclohexane	ND		ug/l	10	--	1
1,4-Dioxane	ND		ug/l	250	--	1
Freon-113	ND		ug/l	10	--	1
Methyl cyclohexane	ND		ug/l	10	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	99		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/16/12 08:14
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 08-11,15-21 Batch: WG548742-3					
Methylene chloride	ND		ug/kg	500	--
1,1-Dichloroethane	ND		ug/kg	100	--
Chloroform	ND		ug/kg	100	--
Carbon tetrachloride	ND		ug/kg	100	--
1,2-Dichloropropane	ND		ug/kg	200	--
Dibromochloromethane	ND		ug/kg	100	--
1,1,2-Trichloroethane	ND		ug/kg	100	--
Tetrachloroethene	ND		ug/kg	100	--
Chlorobenzene	ND		ug/kg	100	--
Trichlorofluoromethane	ND		ug/kg	250	--
1,2-Dichloroethane	ND		ug/kg	100	--
1,1,1-Trichloroethane	ND		ug/kg	100	--
Bromodichloromethane	ND		ug/kg	100	--
trans-1,3-Dichloropropene	ND		ug/kg	100	--
cis-1,3-Dichloropropene	ND		ug/kg	100	--
Bromoform	ND		ug/kg	200	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	100	--
Benzene	ND		ug/kg	100	--
Toluene	ND		ug/kg	100	--
Ethylbenzene	ND		ug/kg	100	--
Chloromethane	ND		ug/kg	250	--
Bromomethane	ND		ug/kg	100	--
Vinyl chloride	ND		ug/kg	100	--
Chloroethane	ND		ug/kg	100	--
1,1-Dichloroethene	ND		ug/kg	100	--
trans-1,2-Dichloroethene	ND		ug/kg	100	--
Trichloroethene	ND		ug/kg	100	--
1,2-Dichlorobenzene	ND		ug/kg	250	--
1,3-Dichlorobenzene	ND		ug/kg	250	--
1,4-Dichlorobenzene	ND		ug/kg	250	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/16/12 08:14
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 08-11,15-21 Batch: WG548742-3					
Methyl tert butyl ether	ND		ug/kg	100	--
p/m-Xylene	ND		ug/kg	200	--
o-Xylene	ND		ug/kg	200	--
Xylenes, Total	ND		ug/kg	200	--
cis-1,2-Dichloroethene	ND		ug/kg	100	--
Styrene	ND		ug/kg	200	--
Dichlorodifluoromethane	ND		ug/kg	500	--
Acetone	ND		ug/kg	1800	--
Carbon disulfide	ND		ug/kg	500	--
2-Butanone	ND		ug/kg	500	--
4-Methyl-2-pentanone	ND		ug/kg	500	--
2-Hexanone	ND		ug/kg	500	--
Bromochloromethane	ND		ug/kg	250	--
1,2-Dibromoethane	ND		ug/kg	200	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	--
Isopropylbenzene	ND		ug/kg	100	--
1,2,3-Trichlorobenzene	ND		ug/kg	250	--
1,2,4-Trichlorobenzene	ND		ug/kg	250	--
Methyl Acetate	ND		ug/kg	1000	--
Cyclohexane	ND		ug/kg	1000	--
1,4-Dioxane	ND		ug/kg	5000	--
Methyl cyclohexane	ND		ug/kg	200	--
Freon-113	ND		ug/kg	1000	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/16/12 08:14
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 08-11,15-21 Batch: WG548742-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	115		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	95		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/16/12 08:42
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 01-05,22-26 Batch: WG548745-3					
Methylene chloride	ND		ug/kg	500	--
1,1-Dichloroethane	ND		ug/kg	100	--
Chloroform	ND		ug/kg	100	--
Carbon tetrachloride	ND		ug/kg	100	--
1,2-Dichloropropane	ND		ug/kg	200	--
Dibromochloromethane	ND		ug/kg	100	--
1,1,2-Trichloroethane	ND		ug/kg	100	--
Tetrachloroethene	ND		ug/kg	100	--
Chlorobenzene	ND		ug/kg	100	--
Trichlorofluoromethane	ND		ug/kg	250	--
1,2-Dichloroethane	ND		ug/kg	100	--
1,1,1-Trichloroethane	ND		ug/kg	100	--
Bromodichloromethane	ND		ug/kg	100	--
trans-1,3-Dichloropropene	ND		ug/kg	100	--
cis-1,3-Dichloropropene	ND		ug/kg	100	--
Bromoform	ND		ug/kg	200	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	100	--
Benzene	ND		ug/kg	100	--
Toluene	ND		ug/kg	100	--
Ethylbenzene	ND		ug/kg	100	--
Chloromethane	ND		ug/kg	250	--
Bromomethane	ND		ug/kg	100	--
Vinyl chloride	ND		ug/kg	100	--
Chloroethane	ND		ug/kg	100	--
1,1-Dichloroethene	ND		ug/kg	100	--
trans-1,2-Dichloroethene	ND		ug/kg	100	--
Trichloroethene	ND		ug/kg	100	--
1,2-Dichlorobenzene	ND		ug/kg	250	--
1,3-Dichlorobenzene	ND		ug/kg	250	--
1,4-Dichlorobenzene	ND		ug/kg	250	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/16/12 08:42
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 01-05,22-26 Batch: WG548745-3					
Methyl tert butyl ether	ND		ug/kg	100	--
p/m-Xylene	ND		ug/kg	200	--
o-Xylene	ND		ug/kg	200	--
Xylenes, Total	ND		ug/kg	200	--
cis-1,2-Dichloroethene	ND		ug/kg	100	--
Styrene	ND		ug/kg	200	--
Dichlorodifluoromethane	ND		ug/kg	500	--
Acetone	ND		ug/kg	1800	--
Carbon disulfide	ND		ug/kg	500	--
2-Butanone	ND		ug/kg	500	--
4-Methyl-2-pentanone	ND		ug/kg	500	--
2-Hexanone	ND		ug/kg	500	--
Bromochloromethane	ND		ug/kg	250	--
1,2-Dibromoethane	ND		ug/kg	200	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	--
Isopropylbenzene	ND		ug/kg	100	--
1,2,3-Trichlorobenzene	ND		ug/kg	250	--
1,2,4-Trichlorobenzene	ND		ug/kg	250	--
Methyl Acetate	ND		ug/kg	1000	--
Cyclohexane	ND		ug/kg	1000	--
1,4-Dioxane	ND		ug/kg	5000	--
Methyl cyclohexane	ND		ug/kg	200	--
Freon-113	ND		ug/kg	1000	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/16/12 08:42
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 01-05,22-26 Batch: WG548745-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	78		70-130
Toluene-d8	86		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	95		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/16/12 09:00
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 05 Batch: WG548745-8					
Methylene chloride	ND		ug/kg	500	--
1,1-Dichloroethane	ND		ug/kg	100	--
Chloroform	ND		ug/kg	100	--
Carbon tetrachloride	ND		ug/kg	100	--
1,2-Dichloropropane	ND		ug/kg	200	--
Dibromochloromethane	ND		ug/kg	100	--
1,1,2-Trichloroethane	ND		ug/kg	100	--
Tetrachloroethene	ND		ug/kg	100	--
Chlorobenzene	ND		ug/kg	100	--
Trichlorofluoromethane	ND		ug/kg	250	--
1,2-Dichloroethane	ND		ug/kg	100	--
1,1,1-Trichloroethane	ND		ug/kg	100	--
Bromodichloromethane	ND		ug/kg	100	--
trans-1,3-Dichloropropene	ND		ug/kg	100	--
cis-1,3-Dichloropropene	ND		ug/kg	100	--
Bromoform	ND		ug/kg	200	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	100	--
Benzene	ND		ug/kg	100	--
Toluene	ND		ug/kg	100	--
Ethylbenzene	ND		ug/kg	100	--
Chloromethane	ND		ug/kg	250	--
Bromomethane	ND		ug/kg	100	--
Vinyl chloride	ND		ug/kg	100	--
Chloroethane	ND		ug/kg	100	--
1,1-Dichloroethene	ND		ug/kg	100	--
trans-1,2-Dichloroethene	ND		ug/kg	100	--
Trichloroethene	ND		ug/kg	100	--
1,2-Dichlorobenzene	ND		ug/kg	250	--
1,3-Dichlorobenzene	ND		ug/kg	250	--
1,4-Dichlorobenzene	ND		ug/kg	250	--
Methyl tert butyl ether	ND		ug/kg	100	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/16/12 09:00
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 05 Batch: WG548745-8					
p/m-Xylene	ND		ug/kg	200	--
o-Xylene	ND		ug/kg	200	--
Xylenes, Total	ND		ug/kg	200	--
cis-1,2-Dichloroethene	ND		ug/kg	100	--
Styrene	ND		ug/kg	200	--
Dichlorodifluoromethane	ND		ug/kg	500	--
Acetone	ND		ug/kg	1800	--
Carbon disulfide	ND		ug/kg	500	--
2-Butanone	ND		ug/kg	500	--
4-Methyl-2-pentanone	ND		ug/kg	500	--
2-Hexanone	ND		ug/kg	500	--
Bromochloromethane	ND		ug/kg	250	--
1,2-Dibromoethane	ND		ug/kg	200	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	--
Isopropylbenzene	ND		ug/kg	100	--
1,2,3-Trichlorobenzene	ND		ug/kg	250	--
1,2,4-Trichlorobenzene	ND		ug/kg	250	--
Methyl Acetate	ND		ug/kg	1000	--
Cyclohexane	ND		ug/kg	1000	--
1,4-Dioxane	ND		ug/kg	5000	--
Methyl cyclohexane	ND		ug/kg	200	--
Freon-113	ND		ug/kg	1000	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	100		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/16/12 09:00
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 07 Batch: WG548746-3					
Methylene chloride	ND		ug/kg	500	--
1,1-Dichloroethane	ND		ug/kg	100	--
Chloroform	ND		ug/kg	100	--
Carbon tetrachloride	ND		ug/kg	100	--
1,2-Dichloropropane	ND		ug/kg	200	--
Dibromochloromethane	ND		ug/kg	100	--
1,1,2-Trichloroethane	ND		ug/kg	100	--
Tetrachloroethene	ND		ug/kg	100	--
Chlorobenzene	ND		ug/kg	100	--
Trichlorofluoromethane	ND		ug/kg	250	--
1,2-Dichloroethane	ND		ug/kg	100	--
1,1,1-Trichloroethane	ND		ug/kg	100	--
Bromodichloromethane	ND		ug/kg	100	--
trans-1,3-Dichloropropene	ND		ug/kg	100	--
cis-1,3-Dichloropropene	ND		ug/kg	100	--
Bromoform	ND		ug/kg	200	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	100	--
Benzene	ND		ug/kg	100	--
Toluene	ND		ug/kg	100	--
Ethylbenzene	ND		ug/kg	100	--
Chloromethane	ND		ug/kg	250	--
Bromomethane	ND		ug/kg	100	--
Vinyl chloride	ND		ug/kg	100	--
Chloroethane	ND		ug/kg	100	--
1,1-Dichloroethene	ND		ug/kg	100	--
trans-1,2-Dichloroethene	ND		ug/kg	100	--
Trichloroethene	ND		ug/kg	100	--
1,2-Dichlorobenzene	ND		ug/kg	250	--
1,3-Dichlorobenzene	ND		ug/kg	250	--
1,4-Dichlorobenzene	ND		ug/kg	250	--
Methyl tert butyl ether	ND		ug/kg	100	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/16/12 09:00
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 07 Batch: WG548746-3					
p/m-Xylene	ND		ug/kg	200	--
o-Xylene	ND		ug/kg	200	--
Xylenes, Total	ND		ug/kg	200	--
cis-1,2-Dichloroethene	ND		ug/kg	100	--
Styrene	ND		ug/kg	200	--
Dichlorodifluoromethane	ND		ug/kg	500	--
Acetone	ND		ug/kg	1800	--
Carbon disulfide	ND		ug/kg	500	--
2-Butanone	ND		ug/kg	500	--
4-Methyl-2-pentanone	ND		ug/kg	500	--
2-Hexanone	ND		ug/kg	500	--
Bromochloromethane	ND		ug/kg	250	--
1,2-Dibromoethane	ND		ug/kg	200	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	--
Isopropylbenzene	ND		ug/kg	100	--
1,2,3-Trichlorobenzene	ND		ug/kg	250	--
1,2,4-Trichlorobenzene	ND		ug/kg	250	--
Methyl Acetate	ND		ug/kg	1000	--
Cyclohexane	ND		ug/kg	1000	--
1,4-Dioxane	ND		ug/kg	5000	--
Methyl cyclohexane	ND		ug/kg	200	--
Freon-113	ND		ug/kg	1000	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	100		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/17/12 08:38
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 06 Batch: WG548890-3					
Methylene chloride	ND		ug/kg	500	--
1,1-Dichloroethane	ND		ug/kg	100	--
Chloroform	ND		ug/kg	100	--
Carbon tetrachloride	ND		ug/kg	100	--
1,2-Dichloropropane	ND		ug/kg	200	--
Dibromochloromethane	ND		ug/kg	100	--
1,1,2-Trichloroethane	ND		ug/kg	100	--
Tetrachloroethene	ND		ug/kg	100	--
Chlorobenzene	ND		ug/kg	100	--
Trichlorofluoromethane	ND		ug/kg	250	--
1,2-Dichloroethane	ND		ug/kg	100	--
1,1,1-Trichloroethane	ND		ug/kg	100	--
Bromodichloromethane	ND		ug/kg	100	--
trans-1,3-Dichloropropene	ND		ug/kg	100	--
cis-1,3-Dichloropropene	ND		ug/kg	100	--
Bromoform	ND		ug/kg	200	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	100	--
Benzene	ND		ug/kg	100	--
Toluene	ND		ug/kg	100	--
Ethylbenzene	ND		ug/kg	100	--
Chloromethane	ND		ug/kg	250	--
Bromomethane	ND		ug/kg	100	--
Vinyl chloride	ND		ug/kg	100	--
Chloroethane	ND		ug/kg	100	--
1,1-Dichloroethene	ND		ug/kg	100	--
trans-1,2-Dichloroethene	ND		ug/kg	100	--
Trichloroethene	ND		ug/kg	100	--
1,2-Dichlorobenzene	ND		ug/kg	250	--
1,3-Dichlorobenzene	ND		ug/kg	250	--
1,4-Dichlorobenzene	ND		ug/kg	250	--
Methyl tert butyl ether	ND		ug/kg	100	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/17/12 08:38
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 06 Batch: WG548890-3					
p/m-Xylene	ND		ug/kg	200	--
o-Xylene	ND		ug/kg	200	--
Xylenes, Total	ND		ug/kg	200	--
cis-1,2-Dichloroethene	ND		ug/kg	100	--
Styrene	ND		ug/kg	200	--
Dichlorodifluoromethane	ND		ug/kg	500	--
Acetone	ND		ug/kg	1800	--
Carbon disulfide	ND		ug/kg	500	--
2-Butanone	ND		ug/kg	500	--
4-Methyl-2-pentanone	ND		ug/kg	500	--
2-Hexanone	ND		ug/kg	500	--
Bromochloromethane	ND		ug/kg	250	--
1,2-Dibromoethane	ND		ug/kg	200	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	--
Isopropylbenzene	ND		ug/kg	100	--
1,2,3-Trichlorobenzene	ND		ug/kg	250	--
1,2,4-Trichlorobenzene	ND		ug/kg	250	--
Methyl Acetate	ND		ug/kg	1000	--
Cyclohexane	ND		ug/kg	1000	--
1,4-Dioxane	ND		ug/kg	5000	--
Methyl cyclohexane	ND		ug/kg	200	--
Freon-113	ND		ug/kg	1000	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	114		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	96		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/17/12 08:48
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 12-14,27-29 Batch: WG548907-3					
Methylene chloride	ND		ug/l	3.0	--
1,1-Dichloroethane	ND		ug/l	0.75	--
Chloroform	ND		ug/l	0.75	--
Carbon tetrachloride	ND		ug/l	0.50	--
1,2-Dichloropropane	ND		ug/l	1.8	--
Dibromochloromethane	ND		ug/l	0.50	--
1,1,2-Trichloroethane	ND		ug/l	0.75	--
Tetrachloroethene	ND		ug/l	0.50	--
Chlorobenzene	ND		ug/l	0.50	--
Trichlorofluoromethane	ND		ug/l	2.5	--
1,2-Dichloroethane	ND		ug/l	0.50	--
1,1,1-Trichloroethane	ND		ug/l	0.50	--
Bromodichloromethane	ND		ug/l	0.50	--
trans-1,3-Dichloropropene	ND		ug/l	0.50	--
cis-1,3-Dichloropropene	ND		ug/l	0.50	--
Bromoform	ND		ug/l	2.0	--
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--
Benzene	ND		ug/l	0.50	--
Toluene	ND		ug/l	0.75	--
Ethylbenzene	ND		ug/l	0.50	--
Chloromethane	ND		ug/l	2.5	--
Bromomethane	ND		ug/l	1.0	--
Vinyl chloride	ND		ug/l	1.0	--
Chloroethane	ND		ug/l	1.0	--
1,1-Dichloroethene	ND		ug/l	0.50	--
trans-1,2-Dichloroethene	ND		ug/l	0.75	--
Trichloroethene	ND		ug/l	0.50	--
1,2-Dichlorobenzene	ND		ug/l	2.5	--
1,3-Dichlorobenzene	ND		ug/l	2.5	--
1,4-Dichlorobenzene	ND		ug/l	2.5	--
Methyl tert butyl ether	ND		ug/l	1.0	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/17/12 08:48
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 12-14,27-29 Batch: WG548907-3					
p/m-Xylene	ND		ug/l	1.0	--
o-Xylene	ND		ug/l	1.0	--
Xylenes, Total	ND		ug/l	1.0	--
cis-1,2-Dichloroethene	ND		ug/l	0.50	--
Styrene	ND		ug/l	1.0	--
Dichlorodifluoromethane	ND		ug/l	5.0	--
Acetone	ND		ug/l	5.0	--
Carbon disulfide	ND		ug/l	5.0	--
2-Butanone	ND		ug/l	5.0	--
4-Methyl-2-pentanone	ND		ug/l	5.0	--
2-Hexanone	ND		ug/l	5.0	--
Bromochloromethane	ND		ug/l	2.5	--
1,2-Dibromoethane	ND		ug/l	2.0	--
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--
Isopropylbenzene	ND		ug/l	0.50	--
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--
Methyl Acetate	ND		ug/l	10	--
Cyclohexane	ND		ug/l	10	--
1,4-Dioxane	ND		ug/l	250	--
Freon-113	ND		ug/l	10	--
Methyl cyclohexane	ND		ug/l	10	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	98		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212555

Report Date: 08/15/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 08-11,15-21 Batch: WG548742-1 WG548742-2								
Methylene chloride	90		87		70-130	3		30
1,1-Dichloroethane	87		86		70-130	1		30
Chloroform	84		84		70-130	0		30
Carbon tetrachloride	87		86		70-130	1		30
1,2-Dichloropropane	85		84		70-130	1		30
Dibromochloromethane	96		94		70-130	2		30
1,1,2-Trichloroethane	98		96		70-130	2		30
Tetrachloroethene	102		99		70-130	3		30
Chlorobenzene	98		98		70-130	0		30
Trichlorofluoromethane	90		85		70-139	6		30
1,2-Dichloroethane	82		83		70-130	1		30
1,1,1-Trichloroethane	88		85		70-130	3		30
Bromodichloromethane	84		82		70-130	2		30
trans-1,3-Dichloropropene	99		96		70-130	3		30
cis-1,3-Dichloropropene	83		84		70-130	1		30
Bromoform	93		95		70-130	2		30
1,1,2,2-Tetrachloroethane	104		107		70-130	3		30
Benzene	84		82		70-130	2		30
Toluene	97		94		70-130	3		30
Ethylbenzene	99		97		70-130	2		30
Chloromethane	97		96		52-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212555

Report Date: 08/15/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 08-11,15-21 Batch: WG548742-1 WG548742-2								
Bromomethane	103		91		57-147	12		30
Vinyl chloride	100		94		67-130	6		30
Chloroethane	99		96		50-151	3		30
1,1-Dichloroethene	90		85		65-135	6		30
trans-1,2-Dichloroethene	87		84		70-130	4		30
Trichloroethene	87		85		70-130	2		30
1,2-Dichlorobenzene	109		109		70-130	0		30
1,3-Dichlorobenzene	111		110		70-130	1		30
1,4-Dichlorobenzene	109		110		70-130	1		30
Methyl tert butyl ether	80		79		66-130	1		30
p/m-Xylene	101		97		70-130	4		30
o-Xylene	100		97		70-130	3		30
cis-1,2-Dichloroethene	86		84		70-130	2		30
Styrene	98		96		70-130	2		30
Dichlorodifluoromethane	96		92		30-146	4		30
Acetone	106		100		54-140	6		30
Carbon disulfide	91		85		59-130	7		30
2-Butanone	91		90		70-130	1		30
4-Methyl-2-pentanone	79		76		70-130	4		30
2-Hexanone	99		94		70-130	5		30
Bromochloromethane	89		86		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212555

Report Date: 08/15/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 08-11,15-21 Batch: WG548742-1 WG548742-2								
1,2-Dibromoethane	96		97		70-130	1		30
1,2-Dibromo-3-chloropropane	101		101		68-130	0		30
Isopropylbenzene	110		110		70-130	0		30
1,2,3-Trichlorobenzene	107		108		70-130	1		30
1,2,4-Trichlorobenzene	111		112		70-130	1		30
Methyl Acetate	85		84		65-130	1		30
Cyclohexane	91		88		70-130	3		30
1,4-Dioxane	88		92		65-136	4		30
Methyl cyclohexane	90		85		70-130	6		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	91		87		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		102		70-130
Toluene-d8	115		114		70-130
4-Bromofluorobenzene	101		104		70-130
Dibromofluoromethane	101		100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212555

Report Date: 08/15/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 01-05,22-26 Batch: WG548745-1 WG548745-2								
Methylene chloride	112		102		70-130	9		30
1,1-Dichloroethane	108		98		70-130	10		30
Chloroform	108		99		70-130	9		30
Carbon tetrachloride	107		95		70-130	12		30
1,2-Dichloropropane	111		102		70-130	8		30
Dibromochloromethane	85		79		70-130	7		30
1,1,2-Trichloroethane	91		84		70-130	8		30
Tetrachloroethene	97		87		70-130	11		30
Chlorobenzene	93		86		70-130	8		30
Trichlorofluoromethane	103		92		70-139	11		30
1,2-Dichloroethane	92		86		70-130	7		30
1,1,1-Trichloroethane	107		96		70-130	11		30
Bromodichloromethane	103		96		70-130	7		30
trans-1,3-Dichloropropene	85		79		70-130	7		30
cis-1,3-Dichloropropene	109		101		70-130	8		30
Bromoform	80		74		70-130	8		30
1,1,2,2-Tetrachloroethane	80		74		70-130	8		30
Benzene	115		105		70-130	9		30
Toluene	95		86		70-130	10		30
Ethylbenzene	94		85		70-130	10		30
Chloromethane	99		90		52-130	10		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212555

Report Date: 08/15/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 01-05,22-26 Batch: WG548745-1 WG548745-2								
Bromomethane	108		92		57-147	16		30
Vinyl chloride	93		82		67-130	13		30
Chloroethane	84		74		50-151	13		30
1,1-Dichloroethene	117		105		65-135	11		30
trans-1,2-Dichloroethene	116		106		70-130	9		30
Trichloroethene	112		102		70-130	9		30
1,2-Dichlorobenzene	87		80		70-130	8		30
1,3-Dichlorobenzene	88		80		70-130	10		30
1,4-Dichlorobenzene	88		81		70-130	8		30
Methyl tert butyl ether	103		97		66-130	6		30
p/m-Xylene	94		86		70-130	9		30
o-Xylene	94		86		70-130	9		30
cis-1,2-Dichloroethene	118		106		70-130	11		30
Styrene	93		85		70-130	9		30
Dichlorodifluoromethane	105		94		30-146	11		30
Acetone	92		87		54-140	6		30
Carbon disulfide	116		103		59-130	12		30
2-Butanone	92		84		70-130	9		30
4-Methyl-2-pentanone	98		90		70-130	9		30
2-Hexanone	72		**66**	Q	70-130	9		30
Bromochloromethane	113		104		70-130	8		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212555

Report Date: 08/15/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 01-05,22-26 Batch: WG548745-1 WG548745-2								
1,2-Dibromoethane	90		83		70-130	8		30
1,2-Dibromo-3-chloropropane	**61**	Q	**58**	Q	68-130	5		30
Isopropylbenzene	93		84		70-130	10		30
1,2,3-Trichlorobenzene	88		81		70-130	8		30
1,2,4-Trichlorobenzene	92		83		70-130	10		30
Methyl Acetate	89		82		65-130	8		30
Cyclohexane	124		110		70-130	12		30
1,4-Dioxane	102		98		65-136	4		30
Methyl cyclohexane	**136**	Q	120		70-130	13		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	**131**	Q	116		70-130	12		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	77		77		70-130
Toluene-d8	87		88		70-130
4-Bromofluorobenzene	97		97		70-130
Dibromofluoromethane	98		97		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212555

Report Date: 08/15/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 05 Batch: WG548745-6 WG548745-7								
Methylene chloride	93		96		70-130	3		30
1,1-Dichloroethane	96		96		70-130	0		30
Chloroform	95		94		70-130	1		30
Carbon tetrachloride	95		92		70-130	3		30
1,2-Dichloropropane	95		96		70-130	1		30
Dibromochloromethane	90		95		70-130	5		30
1,1,2-Trichloroethane	92		96		70-130	4		30
Tetrachloroethene	97		94		70-130	3		30
Chlorobenzene	95		95		70-130	0		30
Trichlorofluoromethane	101		98		70-139	3		30
1,2-Dichloroethane	93		95		70-130	2		30
1,1,1-Trichloroethane	97		94		70-130	3		30
Bromodichloromethane	93		95		70-130	2		30
trans-1,3-Dichloropropene	92		95		70-130	3		30
cis-1,3-Dichloropropene	94		96		70-130	2		30
Bromoform	88		94		70-130	7		30
1,1,2,2-Tetrachloroethane	90		94		70-130	4		30
Benzene	96		94		70-130	2		30
Toluene	92		91		70-130	1		30
Ethylbenzene	95		94		70-130	1		30
Chloromethane	96		96		52-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212555

Report Date: 08/15/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 05 Batch: WG548745-6 WG548745-7								
Bromomethane	83		88		57-147	6		30
Vinyl chloride	100		94		67-130	6		30
Chloroethane	101		101		50-151	0		30
1,1-Dichloroethene	99		95		65-135	4		30
trans-1,2-Dichloroethene	98		96		70-130	2		30
Trichloroethene	97		95		70-130	2		30
1,2-Dichlorobenzene	93		96		70-130	3		30
1,3-Dichlorobenzene	96		97		70-130	1		30
1,4-Dichlorobenzene	95		96		70-130	1		30
Methyl tert butyl ether	92		95		66-130	3		30
p/m-Xylene	96		95		70-130	1		30
o-Xylene	96		96		70-130	0		30
cis-1,2-Dichloroethene	96		98		70-130	2		30
Styrene	96		96		70-130	0		30
Dichlorodifluoromethane	100		94		30-146	6		30
Acetone	105		102		54-140	3		30
Carbon disulfide	96		93		59-130	3		30
2-Butanone	90		90		70-130	0		30
4-Methyl-2-pentanone	90		94		70-130	4		30
2-Hexanone	89		90		70-130	1		30
Bromochloromethane	97		98		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212555

Report Date: 08/15/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 05 Batch: WG548745-6 WG548745-7								
1,2-Dibromoethane	91		95		70-130	4		30
1,2-Dibromo-3-chloropropane	89		94		68-130	5		30
Isopropylbenzene	97		94		70-130	3		30
1,2,3-Trichlorobenzene	93		94		70-130	1		30
1,2,4-Trichlorobenzene	95		94		70-130	1		30
Methyl Acetate	89		93		65-130	4		30
Cyclohexane	100		94		70-130	6		30
1,4-Dioxane	92		96		65-136	4		30
Methyl cyclohexane	100		94		70-130	6		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	99		95		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		97		70-130
Toluene-d8	100		99		70-130
4-Bromofluorobenzene	101		100		70-130
Dibromofluoromethane	100		99		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212555

Report Date: 08/15/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 07 Batch: WG548746-1 WG548746-2								
Methylene chloride	93		96		70-130	3		30
1,1-Dichloroethane	96		96		70-130	0		30
Chloroform	95		94		70-130	1		30
Carbon tetrachloride	95		92		70-130	3		30
1,2-Dichloropropane	95		96		70-130	1		30
Dibromochloromethane	90		95		70-130	5		30
1,1,2-Trichloroethane	92		96		70-130	4		30
Tetrachloroethene	97		94		70-130	3		30
Chlorobenzene	95		95		70-130	0		30
Trichlorofluoromethane	101		98		70-139	3		30
1,2-Dichloroethane	93		95		70-130	2		30
1,1,1-Trichloroethane	97		94		70-130	3		30
Bromodichloromethane	93		95		70-130	2		30
trans-1,3-Dichloropropene	92		95		70-130	3		30
cis-1,3-Dichloropropene	94		96		70-130	2		30
Bromoform	88		94		70-130	7		30
1,1,2,2-Tetrachloroethane	90		94		70-130	4		30
Benzene	96		94		70-130	2		30
Toluene	92		91		70-130	1		30
Ethylbenzene	95		94		70-130	1		30
Chloromethane	96		96		52-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212555

Report Date: 08/15/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 07 Batch: WG548746-1 WG548746-2								
Bromomethane	83		88		57-147	6		30
Vinyl chloride	100		94		67-130	6		30
Chloroethane	101		101		50-151	0		30
1,1-Dichloroethene	99		95		65-135	4		30
trans-1,2-Dichloroethene	98		96		70-130	2		30
Trichloroethene	97		95		70-130	2		30
1,2-Dichlorobenzene	93		96		70-130	3		30
1,3-Dichlorobenzene	96		97		70-130	1		30
1,4-Dichlorobenzene	95		96		70-130	1		30
Methyl tert butyl ether	92		95		66-130	3		30
p/m-Xylene	96		95		70-130	1		30
o-Xylene	96		96		70-130	0		30
cis-1,2-Dichloroethene	96		98		70-130	2		30
Styrene	96		96		70-130	0		30
Dichlorodifluoromethane	100		94		30-146	6		30
Acetone	105		102		54-140	3		30
Carbon disulfide	96		93		59-130	3		30
2-Butanone	90		90		70-130	0		30
4-Methyl-2-pentanone	90		94		70-130	4		30
2-Hexanone	89		90		70-130	1		30
Bromochloromethane	97		98		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212555
Report Date: 08/15/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 07 Batch: WG548746-1 WG548746-2								
1,2-Dibromoethane	91		95		70-130	4		30
1,2-Dibromo-3-chloropropane	89		94		68-130	5		30
Isopropylbenzene	97		94		70-130	3		30
1,2,3-Trichlorobenzene	93		94		70-130	1		30
1,2,4-Trichlorobenzene	95		94		70-130	1		30
Methyl Acetate	89		93		65-130	4		30
Cyclohexane	100		94		70-130	6		30
1,4-Dioxane	92		96		65-136	4		30
Methyl cyclohexane	100		94		70-130	6		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	99		95		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		97		70-130
Toluene-d8	100		99		70-130
4-Bromofluorobenzene	101		100		70-130
Dibromofluoromethane	100		99		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212555

Report Date: 08/15/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 06 Batch: WG548890-1 WG548890-2								
Methylene chloride	97		100		70-130	3		30
1,1-Dichloroethane	85		84		70-130	1		30
Chloroform	83		84		70-130	1		30
Carbon tetrachloride	87		85		70-130	2		30
1,2-Dichloropropane	82		85		70-130	4		30
Dibromochloromethane	94		97		70-130	3		30
1,1,2-Trichloroethane	95		96		70-130	1		30
Tetrachloroethene	101		100		70-130	1		30
Chlorobenzene	96		98		70-130	2		30
Trichlorofluoromethane	86		82		70-139	5		30
1,2-Dichloroethane	82		84		70-130	2		30
1,1,1-Trichloroethane	86		86		70-130	0		30
Bromodichloromethane	82		84		70-130	2		30
trans-1,3-Dichloropropene	95		98		70-130	3		30
cis-1,3-Dichloropropene	82		84		70-130	2		30
Bromoform	91		95		70-130	4		30
1,1,2,2-Tetrachloroethane	102		105		70-130	3		30
Benzene	81		81		70-130	0		30
Toluene	95		95		70-130	0		30
Ethylbenzene	98		96		70-130	2		30
Chloromethane	93		91		52-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212555

Report Date: 08/15/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 06 Batch: WG548890-1 WG548890-2								
Bromomethane	98		88		57-147	11		30
Vinyl chloride	95		92		67-130	3		30
Chloroethane	93		91		50-151	2		30
1,1-Dichloroethene	87		85		65-135	2		30
trans-1,2-Dichloroethene	85		83		70-130	2		30
Trichloroethene	87		85		70-130	2		30
1,2-Dichlorobenzene	107		109		70-130	2		30
1,3-Dichlorobenzene	109		112		70-130	3		30
1,4-Dichlorobenzene	109		110		70-130	1		30
Methyl tert butyl ether	77		80		66-130	4		30
p/m-Xylene	99		98		70-130	1		30
o-Xylene	97		97		70-130	0		30
cis-1,2-Dichloroethene	84		85		70-130	1		30
Styrene	96		97		70-130	1		30
Dichlorodifluoromethane	93		88		30-146	6		30
Acetone	100		100		54-140	0		30
Carbon disulfide	88		85		59-130	3		30
2-Butanone	87		88		70-130	1		30
4-Methyl-2-pentanone	72		75		70-130	4		30
2-Hexanone	94		96		70-130	2		30
Bromochloromethane	87		88		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212555

Report Date: 08/15/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 06 Batch: WG548890-1 WG548890-2								
1,2-Dibromoethane	94		96		70-130	2		30
1,2-Dibromo-3-chloropropane	93		100		68-130	7		30
Isopropylbenzene	109		112		70-130	3		30
1,2,3-Trichlorobenzene	105		110		70-130	5		30
1,2,4-Trichlorobenzene	109		115		70-130	5		30
Methyl Acetate	80		82		65-130	2		30
Cyclohexane	89		88		70-130	1		30
1,4-Dioxane	82		83		65-136	1		30
Methyl cyclohexane	87		86		70-130	1		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	91		87		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		104		70-130
Toluene-d8	113		114		70-130
4-Bromofluorobenzene	102		105		70-130
Dibromofluoromethane	99		98		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212555

Report Date: 08/15/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 12-14,27-29 Batch: WG548907-1 WG548907-2								
Methylene chloride	94		90		70-130	4		20
1,1-Dichloroethane	97		91		70-130	6		20
Chloroform	96		90		70-130	6		20
Carbon tetrachloride	91		87		63-132	4		20
1,2-Dichloropropane	94		90		70-130	4		20
Dibromochloromethane	92		89		63-130	3		20
1,1,2-Trichloroethane	95		94		70-130	1		20
Tetrachloroethene	100		96		70-130	4		20
Chlorobenzene	104		100		75-130	4		25
Trichlorofluoromethane	122		115		62-150	6		20
1,2-Dichloroethane	91		89		70-130	2		20
1,1,1-Trichloroethane	94		88		67-130	7		20
Bromodichloromethane	93		86		67-130	8		20
trans-1,3-Dichloropropene	87		88		70-130	1		20
cis-1,3-Dichloropropene	88		84		70-130	5		20
Bromoform	92		93		54-136	1		20
1,1,2,2-Tetrachloroethane	98		98		67-130	0		20
Benzene	98		94		70-130	4		25
Toluene	104		100		70-130	4		25
Ethylbenzene	108		105		70-130	3		20
Chloromethane	**56**	Q	**55**	Q	64-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212555

Report Date: 08/15/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 12-14,27-29 Batch: WG548907-1 WG548907-2								
Bromomethane	51		54		39-139	6		20
Vinyl chloride	101		102		55-140	1		20
Chloroethane	120		117		55-138	3		20
1,1-Dichloroethene	99		93		61-145	6		25
trans-1,2-Dichloroethene	96		91		70-130	5		20
Trichloroethene	96		92		70-130	4		25
1,2-Dichlorobenzene	103		100		70-130	3		20
1,3-Dichlorobenzene	107		103		70-130	4		20
1,4-Dichlorobenzene	106		103		70-130	3		20
Methyl tert butyl ether	76		75		63-130	1		20
p/m-Xylene	108		104		70-130	4		20
o-Xylene	106		102		70-130	4		20
cis-1,2-Dichloroethene	95		88		70-130	8		20
Styrene	106		103		70-130	3		20
Dichlorodifluoromethane	93		87		36-147	7		20
Acetone	81		83		58-148	2		20
Carbon disulfide	93		87		51-130	7		20
2-Butanone	63		63		63-138	0		20
4-Methyl-2-pentanone	64		62		59-130	3		20
2-Hexanone	68		70		57-130	3		20
Bromochloromethane	101		98		70-130	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212555

Report Date: 08/15/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 12-14,27-29 Batch: WG548907-1 WG548907-2								
1,2-Dibromoethane	91		89		70-130	2		20
1,2-Dibromo-3-chloropropane	94		88		41-144	7		20
Isopropylbenzene	116		112		70-130	4		20
1,2,3-Trichlorobenzene	78		72		70-130	8		20
1,2,4-Trichlorobenzene	85		82		70-130	4		20
Methyl Acetate	72		73		70-130	1		20
Cyclohexane	91		88		70-130	3		20
1,4-Dioxane	67		62		56-162	8		20
1,1,2-Trichloro-1,2,2-Trifluoroethane	98		92		70-130	6		20
Methyl cyclohexane	93		89		70-130	4		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	93		96		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	94		96		70-130
Dibromofluoromethane	95		97		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212555
Report Date: 08/15/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 01-05,22-26 QC Batch ID: WG548745-4 WG548745-5 QC Sample: L1212555-26 Client ID: S-12L-B005-4.0-4.5												
Methylene chloride	ND	1760	1700	99		2000	112		70-130	12		30
1,1-Dichloroethane	ND	1760	1600	92		1800	101		70-130	9		30
Chloroform	ND	1760	1600	92		1800	102		70-130	10		30
Carbon tetrachloride	ND	1760	1500	88		1700	95		70-130	8		30
1,2-Dichloropropane	ND	1760	1700	97		1900	108		70-130	11		30
Dibromochloromethane	ND	1760	1200	70		1400	78		70-130	11		30
1,1,2-Trichloroethane	ND	1760	1400	77		1500	85		70-130	11		30
Tetrachloroethene	ND	1760	1400	78		1500	86		70-130	10		30
Chlorobenzene	ND	1760	1400	78		1500	86		70-130	10		30
Trichlorofluoromethane	ND	1760	ND	**0**	Q	ND	**0**	Q	70-139	NC		30
1,2-Dichloroethane	ND	1760	1400	81		1600	91		70-130	12		30
1,1,1-Trichloroethane	ND	1760	1600	90		1700	98		70-130	9		30
Bromodichloromethane	ND	1760	1600	89		1800	100		70-130	11		30
trans-1,3-Dichloropropene	ND	1760	1200	70		1400	78		70-130	11		30
cis-1,3-Dichloropropene	ND	1760	1600	93		1800	104		70-130	12		30
Bromoform	ND	1760	1100	**62**	Q	1200	70		70-130	12		30
1,1,2,2-Tetrachloroethane	ND	1760	1100	**65**	Q	1300	72		70-130	11		30
Benzene	ND	1760	1800	99		1900	109		70-130	9		30
Toluene	ND	1760	1400	79		1500	86		70-130	8		30
Ethylbenzene	ND	1760	1400	78		1500	86		70-130	10		30
Chloromethane	ND	1760	1800	101		1900	109		52-130	8		30

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212555
Report Date: 08/15/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 01-05,22-26 QC Batch ID: WG548745-4 WG548745-5 QC Sample: L1212555-26 Client ID: S-12L-B005-4.0-4.5												
Bromomethane	ND	1760	1500	86		1600	90		57-147	5		30
Vinyl chloride	ND	1760	1600	91		1700	99		67-130	8		30
Chloroethane	ND	1760	330	**19**	Q	370	**21**	Q	50-151	12		30
1,1-Dichloroethene	ND	1760	1700	98		1900	106		65-135	8		30
trans-1,2-Dichloroethene	ND	1760	1800	99		1900	108		70-130	9		30
Trichloroethene	ND	1760	1700	95		1900	105		70-130	10		30
1,2-Dichlorobenzene	ND	1760	1200	**69**	Q	1400	78		70-130	12		30
1,3-Dichlorobenzene	ND	1760	1300	71		1400	78		70-130	9		30
1,4-Dichlorobenzene	ND	1760	1300	72		1400	79		70-130	10		30
Methyl tert butyl ether	ND	1760	1600	91		1800	101		66-130	11		30
p/m-Xylene	ND	3520	2800	79		3000	86		70-130	9		30
o-Xylene	ND	3520	2800	80		3100	88		70-130	10		30
cis-1,2-Dichloroethene	ND	1760	1800	99		2000	111		70-130	11		30
Styrene	ND	3520	2800	78		3100	87		70-130	10		30
Dichlorodifluoromethane	ND	1760	1900	106		2000	114		30-146	7		30
Acetone	ND	1760	ND	**0**	Q	ND	**0**	Q	54-140	NC		30
Carbon disulfide	ND	1760	1700	98		1900	106		59-130	7		30
2-Butanone	ND	1760	1500	82		1600	89		70-130	7		30
4-Methyl-2-pentanone	ND	1760	1600	89		1800	101		70-130	13		30
2-Hexanone	ND	1760	1100	**61**	Q	1200	**68**	Q	70-130	10		30
Bromochloromethane	ND	1760	1700	98		1900	108		70-130	10		30

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212555
Report Date: 08/15/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 01-05,22-26 QC Batch ID: WG548745-4 WG548745-5 QC Sample: L1212555-26 Client ID: S-12L-B005-4.0-4.5												
1,2-Dibromoethane	ND	1760	1300	74		1500	84		70-130	13		30
1,2-Dibromo-3-chloropropane	ND	1760	920	**52**	Q	1200	70		68-130	29		30
Isopropylbenzene	ND	1760	1400	77		1500	85		70-130	10		30
1,2,3-Trichlorobenzene	ND	1760	1300	72		1400	81		70-130	11		30
1,2,4-Trichlorobenzene	ND	1760	1300	72		1400	80		70-130	11		30
Methyl Acetate	ND	1760	ND	**0**	Q	ND	**0**	Q	65-130	NC		30
Cyclohexane	ND	1760	1800	104		2000	113		70-130	8		30
1,4-Dioxane	ND	88100	87000	99		98000	111		65-136	12		30
Methyl cyclohexane	ND	1760	2000	114		2200	123		70-130	8		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1760	1900	106		2000	113		70-130	7		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	77		78		70-130
4-Bromofluorobenzene	95		95		70-130
Dibromofluoromethane	95		97		70-130
Toluene-d8	86		86		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212555
Report Date: 08/15/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 07 QC Batch ID: WG548746-4 WG548746-5 QC Sample: L1212555-07 Client ID: S-12L-B003-9.0-9.5												
Methylene chloride	ND	1380	1500	109		1500	106		70-130	2		30
1,1-Dichloroethane	ND	1380	1100	82		1200	83		70-130	2		30
Chloroform	ND	1380	1100	82		1100	83		70-130	1		30
Carbon tetrachloride	ND	1380	1000	74		1000	73		70-130	1		30
1,2-Dichloropropane	ND	1380	1200	86		1200	86		70-130	1		30
Dibromochloromethane	ND	1380	1200	83		1100	83		70-130	1		30
1,1,2-Trichloroethane	ND	1380	1200	88		1200	90		70-130	2		30
Tetrachloroethene	520	1380	1700	83		1600	81		70-130	2		30
Chlorobenzene	ND	1380	1200	86		1200	84		70-130	2		30
Trichlorofluoromethane	ND	1380	ND	**0**	Q	ND	**0**	Q	70-139	NC		30
1,2-Dichloroethane	ND	1380	1200	87		1200	87		70-130	0		30
1,1,1-Trichloroethane	ND	1380	1100	79		1100	79		70-130	0		30
Bromodichloromethane	ND	1380	1100	81		1100	81		70-130	0		30
trans-1,3-Dichloropropene	ND	1380	1200	85		1200	84		70-130	1		30
cis-1,3-Dichloropropene	ND	1380	1200	84		1200	84		70-130	0		30
Bromoform	ND	1380	1100	81		1100	81		70-130	0		30
1,1,2,2-Tetrachloroethane	ND	1380	1200	90		1200	88		70-130	2		30
Benzene	ND	1380	1100	83		1100	82		70-130	1		30
Toluene	ND	1380	1100	80		1100	79		70-130	2		30
Ethylbenzene	ND	1380	1200	83		1100	82		70-130	2		30
Chloromethane	ND	1380	1200	88		1200	90		52-130	2		30

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212555
Report Date: 08/15/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 07 QC Batch ID: WG548746-4 WG548746-5 QC Sample: L1212555-07 Client ID: S-12L-B003-9.0-9.5												
Bromomethane	ND	1380	600	**44**	Q	760	**55**	Q	57-147	23		30
Vinyl chloride	ND	1380	980	71		1000	73		67-130	3		30
Chloroethane	ND	1380	370	**27**	Q	380	**27**	Q	50-151	2		30
1,1-Dichloroethene	ND	1380	1100	78		1100	76		65-135	2		30
trans-1,2-Dichloroethene	ND	1380	1100	81		1100	81		70-130	0		30
Trichloroethene	780	1380	1900	84		1900	82		70-130	2		30
1,2-Dichlorobenzene	ND	1380	1200	87		1200	85		70-130	3		30
1,3-Dichlorobenzene	ND	1380	1200	87		1200	85		70-130	3		30
1,4-Dichlorobenzene	ND	1380	1300	93		1200	89		70-130	4		30
Methyl tert butyl ether	ND	1380	1200	88		1200	88		66-130	0		30
p/m-Xylene	ND	2770	2400	85		2300	83		70-130	3		30
o-Xylene	ND	2770	2400	86		2300	83		70-130	3		30
cis-1,2-Dichloroethene	ND	1380	1200	89		1200	88		70-130	1		30
Styrene	ND	2770	2400	85		2300	83		70-130	2		30
Dichlorodifluoromethane	ND	1380	ND	**0**	Q	ND	**0**	Q	30-146	NC		30
Acetone	ND	1380	ND	**0**	Q	ND	**0**	Q	54-140	NC		30
Carbon disulfide	ND	1380	990	72		980	71		59-130	1		30
2-Butanone	ND	1380	1400	99		1400	99		70-130	0		30
4-Methyl-2-pentanone	ND	1380	1300	92		1300	93		70-130	1		30
2-Hexanone	ND	1380	1200	88		1200	89		70-130	2		30
Bromochloromethane	ND	1380	1200	88		1200	88		70-130	1		30

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212555
Report Date: 08/15/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 07 QC Batch ID: WG548746-4 WG548746-5 QC Sample: L1212555-07 Client ID: S-12L-B003-9.0-9.5												
1,2-Dibromoethane	ND	1380	1200	88		1200	88		70-130	1		30
1,2-Dibromo-3-chloropropane	ND	1380	1300	94		1300	93		68-130	2		30
Isopropylbenzene	ND	1380	1100	82		1100	80		70-130	3		30
1,2,3-Trichlorobenzene	1300	1380	2500	90		2400	80		70-130	5		30
1,2,4-Trichlorobenzene	7400	1380	8600	88		8100	**52**	Q	70-130	6		30
Methyl Acetate	ND	1380	ND	**0**	Q	ND	**0**	Q	65-130	NC		30
Cyclohexane	ND	1380	ND	**0**	Q	ND	**0**	Q	70-130	NC		30
1,4-Dioxane	ND	69200	75000	108		74000	107		65-136	1		30
Methyl cyclohexane	ND	1380	890	**65**	Q	900	**65**	Q	70-130	1		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1380	ND	**0**	Q	ND	**0**	Q	70-130	NC		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		96		70-130
4-Bromofluorobenzene	98		98		70-130
Dibromofluoromethane	98		98		70-130
Toluene-d8	99		99		70-130

PCBS

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-01 D	Date Collected:	07/13/12 12:00
Client ID:	S-12L-B003-0.6-1.1	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/16/12 12:40
Analytical Date:	07/17/12 10:44	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/16/12
Percent Solids:	17%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/16/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	114000	--	1000
Aroclor 1221	ND		ug/kg	114000	--	1000
Aroclor 1232	ND		ug/kg	114000	--	1000
Aroclor 1248	ND		ug/kg	75800	--	1000
Aroclor 1254	1070000		ug/kg	114000	--	1000
Aroclor 1260	ND		ug/kg	75800	--	1000
Aroclor 1262	ND		ug/kg	37900	--	1000
Aroclor 1268	ND		ug/kg	37900	--	1000

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150
Decachlorobiphenyl	**0**	Q	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-01 D	Date Collected:	07/13/12 12:00
Client ID:	S-12L-B003-0.6-1.1	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/16/12 12:40
Analytical Date:	07/17/12 10:44	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/16/12
Percent Solids:	17%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/16/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	957000		ug/kg	114000	--	1000

2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150
Decachlorobiphenyl	**0**	Q	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-03 D	Date Collected:	07/13/12 12:00
Client ID:	S-12L-B003-2.0-2.5	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/16/12 12:40
Analytical Date:	07/17/12 14:03	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/16/12
Percent Solids:	73%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/16/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	131000	--	5000
Aroclor 1221	ND		ug/kg	131000	--	5000
Aroclor 1232	ND		ug/kg	131000	--	5000
Aroclor 1248	ND		ug/kg	87400	--	5000
Aroclor 1260	ND		ug/kg	87400	--	5000
Aroclor 1262	ND		ug/kg	43700	--	5000
Aroclor 1268	ND		ug/kg	43700	--	5000

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150
Decachlorobiphenyl	**0**	Q	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-03 D	Date Collected:	07/13/12 12:00
Client ID:	S-12L-B003-2.0-2.5	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/16/12 12:40
Analytical Date:	07/17/12 14:03	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/16/12
Percent Solids:	73%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/16/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	1660000		ug/kg	131000	--	5000
Aroclor 1254	1920000		ug/kg	131000	--	5000

2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150
Decachlorobiphenyl	**0**	Q	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-04 D	Date Collected:	07/13/12 12:00
Client ID:	S-12L-B003-2.0-2.5 REP	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/16/12 12:40
Analytical Date:	07/17/12 14:16	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/16/12
Percent Solids:	84%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/16/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	113000	--	5000
Aroclor 1221	ND		ug/kg	113000	--	5000
Aroclor 1232	ND		ug/kg	113000	--	5000
Aroclor 1242	1280000		ug/kg	113000	--	5000
Aroclor 1248	ND		ug/kg	75600	--	5000
Aroclor 1260	ND		ug/kg	75600	--	5000
Aroclor 1262	ND		ug/kg	37800	--	5000
Aroclor 1268	ND		ug/kg	37800	--	5000

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150
Decachlorobiphenyl	**0**	Q	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-04 D	Date Collected:	07/13/12 12:00
Client ID:	S-12L-B003-2.0-2.5 REP	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/16/12 12:40
Analytical Date:	07/17/12 14:16	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/16/12
Percent Solids:	84%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/16/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1254	1250000		ug/kg	113000	--	5000

2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150
Decachlorobiphenyl	**0**	Q	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-05 D	Date Collected:	07/13/12 12:15
Client ID:	S-12L-B003-3.5-4.0	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/16/12 12:40
Analytical Date:	07/17/12 11:24	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/16/12
Percent Solids:	92%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/16/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	20700	--	1000
Aroclor 1221	ND		ug/kg	20700	--	1000
Aroclor 1232	ND		ug/kg	20700	--	1000
Aroclor 1242	123000		ug/kg	20700	--	1000
Aroclor 1248	ND		ug/kg	13800	--	1000
Aroclor 1260	ND		ug/kg	13800	--	1000
Aroclor 1262	ND		ug/kg	6910	--	1000
Aroclor 1268	ND		ug/kg	6910	--	1000

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150
Decachlorobiphenyl	**0**	Q	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-05 D	Date Collected:	07/13/12 12:15
Client ID:	S-12L-B003-3.5-4.0	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/16/12 12:40
Analytical Date:	07/17/12 11:24	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/16/12
Percent Solids:	92%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/16/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1254	135000		ug/kg	20700	--	1000

2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150
Decachlorobiphenyl	**0**	Q	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-06 D	Date Collected:	07/13/12 12:15
Client ID:	S-12L-B003-4.5-5.0	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/16/12 12:40
Analytical Date:	07/17/12 11:36	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/16/12
Percent Solids:	92%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/16/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	21300	--	1000
Aroclor 1221	ND		ug/kg	21300	--	1000
Aroclor 1232	ND		ug/kg	21300	--	1000
Aroclor 1248	ND		ug/kg	14200	--	1000
Aroclor 1254	550000		ug/kg	21300	--	1000
Aroclor 1260	ND		ug/kg	14200	--	1000
Aroclor 1262	ND		ug/kg	7100	--	1000
Aroclor 1268	ND		ug/kg	7100	--	1000

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150
Decachlorobiphenyl	**0**	Q	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-06 D	Date Collected:	07/13/12 12:15
Client ID:	S-12L-B003-4.5-5.0	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/16/12 12:40
Analytical Date:	07/17/12 11:36	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/16/12
Percent Solids:	92%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/16/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	524000		ug/kg	21300	--	1000

2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150
Decachlorobiphenyl	**0**	Q	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-07 D	Date Collected:	07/13/12 12:30
Client ID:	S-12L-B003-9.0-9.5	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/16/12 12:40
Analytical Date:	07/17/12 11:48	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/16/12
Percent Solids:	90%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/16/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	21900	--	1000
Aroclor 1221	ND		ug/kg	21900	--	1000
Aroclor 1232	ND		ug/kg	21900	--	1000
Aroclor 1248	ND		ug/kg	14600	--	1000
Aroclor 1254	452000		ug/kg	21900	--	1000
Aroclor 1260	ND		ug/kg	14600	--	1000
Aroclor 1262	ND		ug/kg	7300	--	1000
Aroclor 1268	ND		ug/kg	7300	--	1000

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150
Decachlorobiphenyl	**0**	Q	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-07 D	Date Collected:	07/13/12 12:30
Client ID:	S-12L-B003-9.0-9.5	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/16/12 12:40
Analytical Date:	07/17/12 11:48	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/16/12
Percent Solids:	90%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/16/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	337000		ug/kg	21900	--	1000

2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150
Decachlorobiphenyl	**0**	Q	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-08	Date Collected:	07/13/12 14:00
Client ID:	S-12L-B003-14.5-15.0	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/16/12 12:40
Analytical Date:	07/17/12 10:28	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/16/12
Percent Solids:	92%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/16/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	20.9	--	1
Aroclor 1221	ND		ug/kg	20.9	--	1
Aroclor 1232	ND		ug/kg	20.9	--	1
Aroclor 1248	ND		ug/kg	13.9	--	1
Aroclor 1260	ND		ug/kg	13.9	--	1
Aroclor 1262	ND		ug/kg	6.96	--	1
Aroclor 1268	ND		ug/kg	6.96	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	76		30-150
Decachlorobiphenyl	84		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-08	Date Collected:	07/13/12 14:00
Client ID:	S-12L-B003-14.5-15.0	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/16/12 12:40
Analytical Date:	07/17/12 10:28	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/16/12
Percent Solids:	92%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/16/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	149		ug/kg	20.9	--	1
Aroclor 1254	279		ug/kg	20.9	--	1

2,4,5,6-Tetrachloro-m-xylene	76	30-150
Decachlorobiphenyl	84	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-09	Date Collected:	07/13/12 14:35
Client ID:	S-12L-B003-19.5-20.0	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/16/12 12:40
Analytical Date:	07/17/12 04:17	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/16/12
Percent Solids:	92%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/16/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	21.3	--	1
Aroclor 1221	ND		ug/kg	21.3	--	1
Aroclor 1232	ND		ug/kg	21.3	--	1
Aroclor 1248	ND		ug/kg	14.2	--	1
Aroclor 1254	103		ug/kg	21.3	--	1
Aroclor 1260	ND		ug/kg	14.2	--	1
Aroclor 1262	ND		ug/kg	7.11	--	1
Aroclor 1268	ND		ug/kg	7.11	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	79		30-150
Decachlorobiphenyl	80		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-09	Date Collected:	07/13/12 14:35
Client ID:	S-12L-B003-19.5-20.0	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/16/12 12:40
Analytical Date:	07/17/12 04:17	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/16/12
Percent Solids:	92%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/16/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	82.6		ug/kg	21.3	--	1

2,4,5,6-Tetrachloro-m-xylene	79	30-150
Decachlorobiphenyl	80	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-10	Date Collected:	07/13/12 15:15
Client ID:	S-12L-B003-21.5-22.0	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/16/12 12:40
Analytical Date:	07/17/12 04:29	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/16/12
Percent Solids:	91%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/16/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	21.1	--	1
Aroclor 1221	ND		ug/kg	21.1	--	1
Aroclor 1232	ND		ug/kg	21.1	--	1
Aroclor 1248	ND		ug/kg	14.0	--	1
Aroclor 1254	52.0		ug/kg	21.1	--	1
Aroclor 1260	ND		ug/kg	14.0	--	1
Aroclor 1262	ND		ug/kg	7.03	--	1
Aroclor 1268	ND		ug/kg	7.03	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	83		30-150
Decachlorobiphenyl	82		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-10	Date Collected:	07/13/12 15:15
Client ID:	S-12L-B003-21.5-22.0	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/16/12 12:40
Analytical Date:	07/17/12 04:29	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/16/12
Percent Solids:	91%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/16/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	32.2		ug/kg	21.1	--	1

2,4,5,6-Tetrachloro-m-xylene	83	30-150
Decachlorobiphenyl	82	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-11	Date Collected:	07/13/12 15:15
Client ID:	S-12L-B003-22.5-23.0	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/16/12 12:40
Analytical Date:	07/17/12 04:42	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/16/12
Percent Solids:	79%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/16/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	24.1	--	1
Aroclor 1221	ND		ug/kg	24.1	--	1
Aroclor 1232	ND		ug/kg	24.1	--	1
Aroclor 1248	ND		ug/kg	16.1	--	1
Aroclor 1254	145		ug/kg	24.1	--	1
Aroclor 1262	ND		ug/kg	8.03	--	1
Aroclor 1268	ND		ug/kg	8.03	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	85		30-150
Decachlorobiphenyl	86		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-11	Date Collected:	07/13/12 15:15
Client ID:	S-12L-B003-22.5-23.0	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/16/12 12:40
Analytical Date:	07/17/12 04:42	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/16/12
Percent Solids:	79%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/16/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	87.6		ug/kg	24.1	--	1
Aroclor 1260	28.3		ug/kg	16.1	--	1

2,4,5,6-Tetrachloro-m-xylene	85	30-150
Decachlorobiphenyl	86	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-12	Date Collected:	07/14/12 08:15
Client ID:	EB-071412-01	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8082	Extraction Date:	07/16/12 13:25
Analytical Date:	07/17/12 11:40	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/16/12
		Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/16/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/l	0.250	--	1
Aroclor 1221	ND		ug/l	0.250	--	1
Aroclor 1232	ND		ug/l	0.250	--	1
Aroclor 1242	ND		ug/l	0.250	--	1
Aroclor 1248	ND		ug/l	0.250	--	1
Aroclor 1254	0.325		ug/l	0.250	--	1
Aroclor 1260	ND		ug/l	0.250	--	1
Aroclor 1262	ND		ug/l	0.250	--	1
Aroclor 1268	ND		ug/l	0.250	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	73		30-150
Decachlorobiphenyl	49		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-13	Date Collected:	07/14/12 09:30
Client ID:	EB-071412-02	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8082	Extraction Date:	07/16/12 13:25
Analytical Date:	07/17/12 12:14	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/16/12
		Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/16/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/l	0.250	--	1
Aroclor 1221	ND		ug/l	0.250	--	1
Aroclor 1232	ND		ug/l	0.250	--	1
Aroclor 1242	ND		ug/l	0.250	--	1
Aroclor 1248	ND		ug/l	0.250	--	1
Aroclor 1254	ND		ug/l	0.250	--	1
Aroclor 1260	ND		ug/l	0.250	--	1
Aroclor 1262	ND		ug/l	0.250	--	1
Aroclor 1268	ND		ug/l	0.250	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	87		30-150
Decachlorobiphenyl	83		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-15	Date Collected:	07/14/12 07:40
Client ID:	S-12L-B004-3.5-4.0	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/16/12 12:42
Analytical Date:	07/17/12 04:54	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/16/12
Percent Solids:	82%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/16/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	23.7	--	1
Aroclor 1221	ND		ug/kg	23.7	--	1
Aroclor 1232	ND		ug/kg	23.7	--	1
Aroclor 1248	ND		ug/kg	15.8	--	1
Aroclor 1254	85.8		ug/kg	23.7	--	1
Aroclor 1260	ND		ug/kg	15.8	--	1
Aroclor 1262	ND		ug/kg	7.90	--	1
Aroclor 1268	ND		ug/kg	7.90	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	81		30-150
Decachlorobiphenyl	84		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-15	Date Collected:	07/14/12 07:40
Client ID:	S-12L-B004-3.5-4.0	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/16/12 12:42
Analytical Date:	07/17/12 04:54	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/16/12
Percent Solids:	82%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/16/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	86.0		ug/kg	23.7	--	1

2,4,5,6-Tetrachloro-m-xylene	81	30-150
Decachlorobiphenyl	84	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-16	Date Collected:	07/14/12 07:40
Client ID:	S-12L-B004-3.5-4.0 REP	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/16/12 13:25
Analytical Date:	07/17/12 06:20	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/16/12
Percent Solids:	81%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/16/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	23.9	--	1
Aroclor 1221	ND		ug/kg	23.9	--	1
Aroclor 1232	ND		ug/kg	23.9	--	1
Aroclor 1248	ND		ug/kg	15.9	--	1
Aroclor 1260	ND		ug/kg	15.9	--	1
Aroclor 1262	ND		ug/kg	7.96	--	1
Aroclor 1268	ND		ug/kg	7.96	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	76		30-150
Decachlorobiphenyl	88		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-16	Date Collected:	07/14/12 07:40
Client ID:	S-12L-B004-3.5-4.0 REP	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/16/12 13:25
Analytical Date:	07/17/12 06:20	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/16/12
Percent Solids:	81%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/16/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	40.2		ug/kg	23.9	--	1
Aroclor 1254	45.7		ug/kg	23.9	--	1

2,4,5,6-Tetrachloro-m-xylene	76	30-150
Decachlorobiphenyl	88	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-17 D	Date Collected:	07/14/12 07:40
Client ID:	S-12L-B004-0.5-1.0	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/16/12 13:25
Analytical Date:	07/17/12 12:01	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/16/12
Percent Solids:	76%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/16/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	503	--	20
Aroclor 1221	ND		ug/kg	503	--	20
Aroclor 1232	ND		ug/kg	503	--	20
Aroclor 1242	4900		ug/kg	503	--	20
Aroclor 1248	ND		ug/kg	336	--	20
Aroclor 1260	ND		ug/kg	336	--	20
Aroclor 1262	ND		ug/kg	168	--	20
Aroclor 1268	ND		ug/kg	168	--	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150
Decachlorobiphenyl	**0**	Q	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-17 D	Date Collected:	07/14/12 07:40
Client ID:	S-12L-B004-0.5-1.0	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/16/12 13:25
Analytical Date:	07/17/12 12:01	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/16/12
Percent Solids:	76%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/16/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1254	3400		ug/kg	503	--	20

2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150
Decachlorobiphenyl	**0**	Q	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-18	Date Collected:	07/14/12 08:35
Client ID:	S-12L-B004-6.5-7.0	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/16/12 13:25
Analytical Date:	07/17/12 06:45	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/16/12
Percent Solids:	81%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/16/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	23.5	--	1
Aroclor 1221	ND		ug/kg	23.5	--	1
Aroclor 1232	ND		ug/kg	23.5	--	1
Aroclor 1248	ND		ug/kg	15.7	--	1
Aroclor 1260	ND		ug/kg	15.7	--	1
Aroclor 1262	ND		ug/kg	7.84	--	1
Aroclor 1268	ND		ug/kg	7.84	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	89		30-150
Decachlorobiphenyl	92		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-18	Date Collected:	07/14/12 08:35
Client ID:	S-12L-B004-6.5-7.0	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/16/12 13:25
Analytical Date:	07/17/12 06:45	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/16/12
Percent Solids:	81%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/16/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	80.8	P	ug/kg	23.5	--	1
Aroclor 1254	58.0		ug/kg	23.5	--	1

2,4,5,6-Tetrachloro-m-xylene	89	30-150
Decachlorobiphenyl	92	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-19	Date Collected:	07/14/12 08:35
Client ID:	S-12L-B004-7.5-8.0	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/16/12 13:25
Analytical Date:	07/17/12 06:57	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/16/12
Percent Solids:	90%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/16/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	21.2	--	1
Aroclor 1221	ND		ug/kg	21.2	--	1
Aroclor 1232	ND		ug/kg	21.2	--	1
Aroclor 1248	ND		ug/kg	14.2	--	1
Aroclor 1260	ND		ug/kg	14.2	--	1
Aroclor 1262	ND		ug/kg	7.09	--	1
Aroclor 1268	ND		ug/kg	7.09	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	94		30-150
Decachlorobiphenyl	99		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-19	Date Collected:	07/14/12 08:35
Client ID:	S-12L-B004-7.5-8.0	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/16/12 13:25
Analytical Date:	07/17/12 06:57	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/16/12
Percent Solids:	90%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/16/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	107		ug/kg	21.2	--	1
Aroclor 1254	89.1		ug/kg	21.2	--	1

2,4,5,6-Tetrachloro-m-xylene	94	30-150
Decachlorobiphenyl	99	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-20	Date Collected:	07/14/12 08:50
Client ID:	S-12L-B004-11.0-11.5	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/16/12 13:25
Analytical Date:	07/17/12 07:10	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/16/12
Percent Solids:	95%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/16/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	20.1	--	1
Aroclor 1221	ND		ug/kg	20.1	--	1
Aroclor 1232	ND		ug/kg	20.1	--	1
Aroclor 1248	ND		ug/kg	13.4	--	1
Aroclor 1254	169		ug/kg	20.1	--	1
Aroclor 1260	ND		ug/kg	13.4	--	1
Aroclor 1262	ND		ug/kg	6.69	--	1
Aroclor 1268	ND		ug/kg	6.69	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	71		30-150
Decachlorobiphenyl	80		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-20	Date Collected:	07/14/12 08:50
Client ID:	S-12L-B004-11.0-11.5	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/16/12 13:25
Analytical Date:	07/17/12 07:10	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/16/12
Percent Solids:	95%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/16/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	92.7		ug/kg	20.1	--	1

2,4,5,6-Tetrachloro-m-xylene	71	30-150
Decachlorobiphenyl	80	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-21	Date Collected:	07/14/12 09:25
Client ID:	S-12L-B004-15.5-16.0	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/16/12 13:25
Analytical Date:	07/17/12 07:22	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/16/12
Percent Solids:	91%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/16/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	21.2	--	1
Aroclor 1221	ND		ug/kg	21.2	--	1
Aroclor 1232	ND		ug/kg	21.2	--	1
Aroclor 1242	38.3		ug/kg	21.2	--	1
Aroclor 1248	ND		ug/kg	14.2	--	1
Aroclor 1260	ND		ug/kg	14.2	--	1
Aroclor 1262	ND		ug/kg	7.08	--	1
Aroclor 1268	ND		ug/kg	7.08	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	75		30-150
Decachlorobiphenyl	80		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-21	Date Collected:	07/14/12 09:25
Client ID:	S-12L-B004-15.5-16.0	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/16/12 13:25
Analytical Date:	07/17/12 07:22	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/16/12
Percent Solids:	91%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/16/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1254	65.7		ug/kg	21.2	--	1

2,4,5,6-Tetrachloro-m-xylene	75	30-150
Decachlorobiphenyl	80	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-22	Date Collected:	07/14/12 09:25
Client ID:	S-12L-B004-17.5-18.0	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/16/12 13:25
Analytical Date:	07/17/12 07:35	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/16/12
Percent Solids:	82%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/16/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	23.8	--	1
Aroclor 1221	ND		ug/kg	23.8	--	1
Aroclor 1232	ND		ug/kg	23.8	--	1
Aroclor 1242	183		ug/kg	23.8	--	1
Aroclor 1248	ND		ug/kg	15.9	--	1
Aroclor 1254	238		ug/kg	23.8	--	1
Aroclor 1260	ND		ug/kg	15.9	--	1
Aroclor 1262	ND		ug/kg	7.95	--	1
Aroclor 1268	ND		ug/kg	7.95	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	73		30-150
Decachlorobiphenyl	76		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-23	Date Collected:	07/14/12 09:50
Client ID:	S-12L-B004-20.0-20.5	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/16/12 13:25
Analytical Date:	07/17/12 07:47	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/16/12
Percent Solids:	90%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/16/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	21.8	--	1
Aroclor 1221	ND		ug/kg	21.8	--	1
Aroclor 1232	ND		ug/kg	21.8	--	1
Aroclor 1242	64.3	P	ug/kg	21.8	--	1
Aroclor 1248	ND		ug/kg	14.6	--	1
Aroclor 1260	ND		ug/kg	14.6	--	1
Aroclor 1262	ND		ug/kg	7.28	--	1
Aroclor 1268	ND		ug/kg	7.28	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	89		30-150
Decachlorobiphenyl	94		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-23	Date Collected:	07/14/12 09:50
Client ID:	S-12L-B004-20.0-20.5	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/16/12 13:25
Analytical Date:	07/17/12 07:47	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/16/12
Percent Solids:	90%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/16/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1254	68.0		ug/kg	21.8	--	1

2,4,5,6-Tetrachloro-m-xylene	89	30-150
Decachlorobiphenyl	94	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-24 D	Date Collected:	07/14/12 10:45
Client ID:	S-12L-B005-0.5-1.0	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/16/12 13:25
Analytical Date:	07/17/12 12:13	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/16/12
Percent Solids:	34%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/16/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	28100	--	500
Aroclor 1221	ND		ug/kg	28100	--	500
Aroclor 1232	ND		ug/kg	28100	--	500
Aroclor 1242	112000		ug/kg	28100	--	500
Aroclor 1248	ND		ug/kg	18700	--	500
Aroclor 1260	ND		ug/kg	18700	--	500
Aroclor 1262	ND		ug/kg	9370	--	500
Aroclor 1268	ND		ug/kg	9370	--	500

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150
Decachlorobiphenyl	**0**	Q	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-24 D	Date Collected:	07/14/12 10:45
Client ID:	S-12L-B005-0.5-1.0	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/16/12 13:25
Analytical Date:	07/17/12 12:13	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/16/12
Percent Solids:	34%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/16/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1254	51200		ug/kg	28100	--	500

2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150
Decachlorobiphenyl	**0**	Q	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-25 D	Date Collected:	07/14/12 10:45
Client ID:	S-12L-B005-0.5-1.0 REP	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/16/12 13:25
Analytical Date:	07/17/12 12:25	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/16/12
Percent Solids:	38%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/16/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	25100	--	500
Aroclor 1221	ND		ug/kg	25100	--	500
Aroclor 1232	ND		ug/kg	25100	--	500
Aroclor 1248	ND		ug/kg	16800	--	500
Aroclor 1254	42800		ug/kg	25100	--	500
Aroclor 1260	ND		ug/kg	16800	--	500
Aroclor 1262	ND		ug/kg	8380	--	500
Aroclor 1268	ND		ug/kg	8380	--	500

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150
Decachlorobiphenyl	**0**	Q	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-25 D	Date Collected:	07/14/12 10:45
Client ID:	S-12L-B005-0.5-1.0 REP	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/16/12 13:25
Analytical Date:	07/17/12 12:25	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/16/12
Percent Solids:	38%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/16/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	111000		ug/kg	25100	--	500

2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150
Decachlorobiphenyl	**0**	Q	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-26	Date Collected:	07/14/12 10:45
Client ID:	S-12L-B005-4.0-4.5	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/16/12 13:26
Analytical Date:	07/17/12 08:24	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/16/12
Percent Solids:	83%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/16/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	23.0	--	1
Aroclor 1221	ND		ug/kg	23.0	--	1
Aroclor 1232	ND		ug/kg	23.0	--	1
Aroclor 1242	ND		ug/kg	23.0	--	1
Aroclor 1248	ND		ug/kg	15.4	--	1
Aroclor 1254	252		ug/kg	23.0	--	1
Aroclor 1260	ND		ug/kg	15.4	--	1
Aroclor 1262	ND		ug/kg	7.68	--	1
Aroclor 1268	ND		ug/kg	7.68	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	110		30-150
Decachlorobiphenyl	104		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-27	Date Collected:	07/14/12 11:15
Client ID:	EB-071412-03	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8082	Extraction Date:	07/16/12 13:25
Analytical Date:	07/17/12 12:28	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/16/12
		Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/16/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/l	0.250	--	1
Aroclor 1221	ND		ug/l	0.250	--	1
Aroclor 1232	ND		ug/l	0.250	--	1
Aroclor 1242	ND		ug/l	0.250	--	1
Aroclor 1248	ND		ug/l	0.250	--	1
Aroclor 1254	ND		ug/l	0.250	--	1
Aroclor 1260	ND		ug/l	0.250	--	1
Aroclor 1262	ND		ug/l	0.250	--	1
Aroclor 1268	ND		ug/l	0.250	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	84		30-150
Decachlorobiphenyl	64		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212555-28	Date Collected:	07/14/12 14:05
Client ID:	EB-071412-04	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8082	Extraction Date:	07/16/12 13:25
Analytical Date:	07/17/12 12:41	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/16/12
		Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/16/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/l	0.250	--	1
Aroclor 1221	ND		ug/l	0.250	--	1
Aroclor 1232	ND		ug/l	0.250	--	1
Aroclor 1242	ND		ug/l	0.250	--	1
Aroclor 1248	ND		ug/l	0.250	--	1
Aroclor 1254	ND		ug/l	0.250	--	1
Aroclor 1260	ND		ug/l	0.250	--	1
Aroclor 1262	ND		ug/l	0.250	--	1
Aroclor 1268	ND		ug/l	0.250	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	77		30-150
Decachlorobiphenyl	46		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082
Analytical Date: 07/17/12 10:59
Analyst: KB

Extraction Method: EPA 3546
Extraction Date: 07/16/12 12:40
Cleanup Method1: EPA 3665A
Cleanup Date1: 07/16/12
Cleanup Method2: EPA 3660B
Cleanup Date2: 07/16/12

Parameter	Result	Qualifier	Units	RL	MDL
PCB by GC - Westborough Lab for sample(s): 01,03-11,15 Batch: WG548607-1					
Aroclor 1016	ND		ug/kg	19.3	--
Aroclor 1221	ND		ug/kg	19.3	--
Aroclor 1232	ND		ug/kg	19.3	--
Aroclor 1242	ND		ug/kg	19.3	--
Aroclor 1248	ND		ug/kg	12.9	--
Aroclor 1254	ND		ug/kg	19.3	--
Aroclor 1260	ND		ug/kg	12.9	--
Aroclor 1262	ND		ug/kg	6.44	--
Aroclor 1268	ND		ug/kg	6.44	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	86		30-150
Decachlorobiphenyl	76		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082
Analytical Date: 07/17/12 11:13
Analyst: KB

Extraction Method: EPA 3546
Extraction Date: 07/16/12 13:25
Cleanup Method1: EPA 3665A
Cleanup Date1: 07/16/12
Cleanup Method2: EPA 3660B
Cleanup Date2: 07/16/12

Parameter	Result	Qualifier	Units	RL	MDL
PCB by GC - Westborough Lab for sample(s): 16-26 Batch: WG548611-1					
Aroclor 1016	ND		ug/kg	19.2	--
Aroclor 1221	ND		ug/kg	19.2	--
Aroclor 1232	ND		ug/kg	19.2	--
Aroclor 1242	ND		ug/kg	19.2	--
Aroclor 1248	ND		ug/kg	12.8	--
Aroclor 1254	ND		ug/kg	19.2	--
Aroclor 1260	ND		ug/kg	12.8	--
Aroclor 1262	ND		ug/kg	6.39	--
Aroclor 1268	ND		ug/kg	6.39	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	84		30-150
Decachlorobiphenyl	74		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082
Analytical Date: 07/17/12 10:46
Analyst: KB

Extraction Method: EPA 3510C
Extraction Date: 07/16/12 13:25
Cleanup Method1: EPA 3665A
Cleanup Date1: 07/16/12
Cleanup Method2: EPA 3660B
Cleanup Date2: 07/16/12

Parameter	Result	Qualifier	Units	RL	MDL
PCB by GC - Westborough Lab for sample(s): 12-13,27-28 Batch: WG548622-1					
Aroclor 1016	ND		ug/l	0.250	--
Aroclor 1221	ND		ug/l	0.250	--
Aroclor 1232	ND		ug/l	0.250	--
Aroclor 1242	ND		ug/l	0.250	--
Aroclor 1248	ND		ug/l	0.250	--
Aroclor 1254	ND		ug/l	0.250	--
Aroclor 1260	ND		ug/l	0.250	--
Aroclor 1262	ND		ug/l	0.250	--
Aroclor 1268	ND		ug/l	0.250	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	89		30-150
Decachlorobiphenyl	69		30-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212555

Report Date: 08/15/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
PCB by GC - Westborough Lab Associated sample(s): 01,03-11,15 Batch: WG548607-2 WG548607-3								
Aroclor 1016	82		81		40-140	1		50
Aroclor 1260	79		78		40-140	1		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	90		87		30-150
Decachlorobiphenyl	87		84		30-150

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
PCB by GC - Westborough Lab Associated sample(s): 16-26 Batch: WG548611-2 WG548611-3								
Aroclor 1016	75		78		40-140	4		50
Aroclor 1260	71		78		40-140	9		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	84		83		30-150
Decachlorobiphenyl	81		89		30-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212555

Report Date: 08/15/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
PCB by GC - Westborough Lab Associated sample(s): 12-13,27-28 Batch: WG548622-2 WG548622-3								
Aroclor 1016	79		76		40-140	4		50
Aroclor 1260	74		72		40-140	3		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	87		79		30-150
Decachlorobiphenyl	86		80		30-150

INORGANICS
&
MISCELLANEOUS

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212555
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212555-01
Client ID: S-12L-B003-0.6-1.1
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/13/12 12:00
Date Received: 07/14/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	17		%	0.10	NA	1	-	07/16/12 16:00	30,2540G	DC

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212555
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212555-03
Client ID: S-12L-B003-2.0-2.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/13/12 12:00
Date Received: 07/14/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	73		%	0.10	NA	1	-	07/16/12 16:00	30,2540G	DC

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212555
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212555-04
Client ID: S-12L-B003-2.0-2.5 REP
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/13/12 12:00
Date Received: 07/14/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84		%	0.10	NA	1	-	07/16/12 16:00	30,2540G	DC

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212555
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212555-05
Client ID: S-12L-B003-3.5-4.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/13/12 12:15
Date Received: 07/14/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92		%	0.10	NA	1	-	07/16/12 16:00	30,2540G	DC

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212555
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212555-06
Client ID: S-12L-B003-4.5-5.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/13/12 12:15
Date Received: 07/14/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92		%	0.10	NA	1	-	07/16/12 16:00	30,2540G	DC

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212555
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212555-07
Client ID: S-12L-B003-9.0-9.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/13/12 12:30
Date Received: 07/14/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90		%	0.10	NA	1	-	07/16/12 16:00	30,2540G	DC

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212555
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212555-08
Client ID: S-12L-B003-14.5-15.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/13/12 14:00
Date Received: 07/14/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92		%	0.10	NA	1	-	07/16/12 16:00	30,2540G	DC

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212555
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212555-09
Client ID: S-12L-B003-19.5-20.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/13/12 14:35
Date Received: 07/14/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92		%	0.10	NA	1	-	07/16/12 16:00	30,2540G	DC

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212555
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212555-10
Client ID: S-12L-B003-21.5-22.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/13/12 15:15
Date Received: 07/14/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91		%	0.10	NA	1	-	07/16/12 16:00	30,2540G	DC

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212555
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212555-11
Client ID: S-12L-B003-22.5-23.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/13/12 15:15
Date Received: 07/14/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79		%	0.10	NA	1	-	07/16/12 16:00	30,2540G	DC

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212555
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212555-15
Client ID: S-12L-B004-3.5-4.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/14/12 07:40
Date Received: 07/14/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82		%	0.10	NA	1	-	07/16/12 16:00	30,2540G	DC

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212555
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212555-16
Client ID: S-12L-B004-3.5-4.0 REP
Sample Location: NEW BEDFORD, MA
Matrix: Sediment
Date Collected: 07/14/12 07:40
Date Received: 07/14/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81		%	0.10	NA	1	-	07/16/12 16:20	30,2540G	DC

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212555
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212555-17
Client ID: S-12L-B004-0.5-1.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/14/12 07:40
Date Received: 07/14/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76		%	0.10	NA	1	-	07/16/12 16:20	30,2540G	DC

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212555
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212555-18
Client ID: S-12L-B004-6.5-7.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/14/12 08:35
Date Received: 07/14/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81		%	0.10	NA	1	-	07/16/12 16:20	30,2540G	DC

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212555
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212555-19
Client ID: S-12L-B004-7.5-8.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/14/12 08:35
Date Received: 07/14/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90		%	0.10	NA	1	-	07/16/12 16:20	30,2540G	DC

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212555
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212555-20
Client ID: S-12L-B004-11.0-11.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/14/12 08:50
Date Received: 07/14/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95		%	0.10	NA	1	-	07/16/12 16:20	30,2540G	DC

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212555
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212555-21
Client ID: S-12L-B004-15.5-16.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/14/12 09:25
Date Received: 07/14/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91		%	0.10	NA	1	-	07/16/12 16:20	30,2540G	DC

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212555
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212555-22
Client ID: S-12L-B004-17.5-18.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/14/12 09:25
Date Received: 07/14/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82		%	0.10	NA	1	-	07/16/12 16:20	30,2540G	DC

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212555
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212555-23
Client ID: S-12L-B004-20.0-20.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/14/12 09:50
Date Received: 07/14/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90		%	0.10	NA	1	-	07/16/12 16:20	30,2540G	DC

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212555
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212555-24
Client ID: S-12L-B005-0.5-1.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/14/12 10:45
Date Received: 07/14/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	34		%	0.10	NA	1	-	07/16/12 16:20	30,2540G	DC

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212555
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212555-25
Client ID: S-12L-B005-0.5-1.0 REP
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/14/12 10:45
Date Received: 07/14/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	38		%	0.10	NA	1	-	07/16/12 16:20	30,2540G	DC

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212555
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212555-26
Client ID: S-12L-B005-4.0-4.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/14/12 10:45
Date Received: 07/14/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83		%	0.10	NA	1	-	07/16/12 16:20	30,2540G	DC

Lab Duplicate Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212555
Report Date: 08/15/12

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03-11,15 QC Batch ID: WG548671-1 QC Sample: L1212555-07 Client ID: S-12L-B003-9.0-9.5						
Solids, Total	90	89	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 16-26 QC Batch ID: WG548672-1 QC Sample: L1212555-26 Client ID: S-12L-B005-4.0-4.5						
Solids, Total	83	80	%	4		20

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212555
Report Date: 08/15/12

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler	
A	Absent
D	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1212555-01A	Vial MeOH preserved	C	N/A	3	Y	Absent	8260HLW-WHG(14)
L1212555-01B	Amber 250ml unpreserved	A	N/A	4	Y	Absent	TS(7),PCB-8082LL(14)
L1212555-02A	Vial MeOH preserved	C	N/A	3	Y	Absent	8260HLW-WHG(14)
L1212555-02C	Vial MeOH preserved	C	N/A	3	Y	Absent	8260HLW-WHG(14)
L1212555-03A	Vial MeOH preserved	C	N/A	3	Y	Absent	8260HLW-WHG(14)
L1212555-03B	Amber 250ml unpreserved	A	N/A	4	Y	Absent	TS(7),PCB-8082LL(14)
L1212555-04A	Vial MeOH preserved	C	N/A	3	Y	Absent	8260HLW-WHG(14)
L1212555-04B	Amber 250ml unpreserved	A	N/A	4	Y	Absent	TS(7),PCB-8082LL(14)
L1212555-05A	Vial MeOH preserved	C	N/A	3	Y	Absent	8260HLW-WHG(14)
L1212555-05B	Amber 250ml unpreserved	A	N/A	4	Y	Absent	TS(7),PCB-8082LL(14)
L1212555-06A	Vial MeOH preserved	C	N/A	3	Y	Absent	8260HLW-WHG(14)
L1212555-06B	Amber 250ml unpreserved	A	N/A	4	Y	Absent	TS(7),PCB-8082LL(14)
L1212555-07A	Vial MeOH preserved	C	N/A	3	Y	Absent	8260HLW-WHG(14)
L1212555-07B	Amber 250ml unpreserved	A	N/A	4	Y	Absent	TS(7),PCB-8082LL(14)
L1212555-07C	Vial MeOH preserved	C	N/A	3	Y	Absent	8260HLW-WHG(14)
L1212555-07D	Amber 250ml unpreserved	A	N/A	4	Y	Absent	TS(7),PCB-8082LL(14)
L1212555-08A	Vial MeOH preserved	C	N/A	3	Y	Absent	8260HLW-WHG(14)
L1212555-08B	Amber 250ml unpreserved	A	N/A	4	Y	Absent	TS(7),PCB-8082LL(14)
L1212555-09A	Vial MeOH preserved	C	N/A	3	Y	Absent	8260HLW-WHG(14)
L1212555-09B	Amber 250ml unpreserved	A	N/A	4	Y	Absent	TS(7),PCB-8082LL(14)
L1212555-10A	Vial MeOH preserved	C	N/A	3	Y	Absent	8260HLW-WHG(14)
L1212555-10B	Amber 250ml unpreserved	A	N/A	4	Y	Absent	TS(7),PCB-8082LL(14)
L1212555-11A	Vial MeOH preserved	C	N/A	3	Y	Absent	8260HLW-WHG(14)

Please Note: Values in parentheses indicate holding time in days

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212555
Report Date: 08/15/12

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1212555-11B	Amber 250ml unpreserved	A	N/A	4	Y	Absent	TS(7),PCB-8082LL(14)
L1212555-12A	Vial HCl preserved	D	N/A	4	Y	Absent	8260(14)
L1212555-12B	Vial HCl preserved	D	N/A	4	Y	Absent	8260(14)
L1212555-12C	Amber 1000ml unpreserved	D	7	4	Y	Absent	PCB-8082(7)
L1212555-12D	Amber 1000ml unpreserved	D	7	4	Y	Absent	PCB-8082(7)
L1212555-13A	Vial HCl preserved	D	N/A	4	Y	Absent	8260(14)
L1212555-13B	Vial HCl preserved	D	N/A	4	Y	Absent	8260(14)
L1212555-13C	Amber 1000ml unpreserved	C	7	3	Y	Absent	PCB-8082(7)
L1212555-13D	Amber 1000ml unpreserved	C	7	3	Y	Absent	PCB-8082(7)
L1212555-14A	Vial HCl preserved	D	N/A	4	Y	Absent	8260(14)
L1212555-15A	Vial MeOH preserved	C	N/A	3	Y	Absent	8260HLW-WHG(14)
L1212555-15B	Amber 250ml unpreserved	B	N/A	3	Y	Absent	TS(7),PCB-8082LL(14)
L1212555-16A	Vial MeOH preserved	C	N/A	3	Y	Absent	8260HLW-WHG(14)
L1212555-16B	Amber 250ml unpreserved	B	N/A	3	Y	Absent	TS(7),PCB-8082LL(14)
L1212555-17A	Vial MeOH preserved	C	N/A	3	Y	Absent	8260HLW-WHG(14)
L1212555-17B	Amber 250ml unpreserved	B	N/A	3	Y	Absent	TS(7),PCB-8082LL(14)
L1212555-18A	Vial MeOH preserved	C	N/A	3	Y	Absent	8260HLW-WHG(14)
L1212555-18B	Amber 250ml unpreserved	B	N/A	3	Y	Absent	TS(7),PCB-8082LL(14)
L1212555-19A	Vial MeOH preserved	C	N/A	3	Y	Absent	8260HLW-WHG(14)
L1212555-19B	Amber 250ml unpreserved	B	N/A	3	Y	Absent	TS(7),PCB-8082LL(14)
L1212555-20A	Vial MeOH preserved	C	N/A	3	Y	Absent	8260HLW-WHG(14)
L1212555-20B	Amber 250ml unpreserved	B	N/A	3	Y	Absent	TS(7),PCB-8082LL(14)
L1212555-21A	Vial MeOH preserved	C	N/A	3	Y	Absent	8260HLW-WHG(14)
L1212555-21B	Amber 250ml unpreserved	B	N/A	3	Y	Absent	TS(7),PCB-8082LL(14)
L1212555-22A	Vial MeOH preserved	C	N/A	3	Y	Absent	8260HLW-WHG(14)
L1212555-22B	Amber 250ml unpreserved	B	N/A	3	Y	Absent	TS(7),PCB-8082LL(14)
L1212555-23A	Vial MeOH preserved	C	N/A	3	Y	Absent	8260HLW-WHG(14)
L1212555-23B	Amber 250ml unpreserved	B	N/A	3	Y	Absent	TS(7),PCB-8082LL(14)
L1212555-24A	Vial MeOH preserved	C	N/A	3	Y	Absent	8260HLW-WHG(14)
L1212555-24B	Amber 250ml unpreserved	B	N/A	3	Y	Absent	TS(7),PCB-8082LL(14)
L1212555-25A	Vial MeOH preserved	C	N/A	3	Y	Absent	8260HLW-WHG(14)
L1212555-25B	Amber 250ml unpreserved	B	N/A	3	Y	Absent	TS(7),PCB-8082LL(14)
L1212555-26A	Vial MeOH preserved	C	N/A	3	Y	Absent	8260HLW-WHG(14)
L1212555-26B	Amber 250ml unpreserved	B	N/A	3	Y	Absent	TS(7),PCB-8082LL(14)
L1212555-26C	Vial MeOH preserved	C	N/A	3	Y	Absent	8260HLW-WHG(14)
L1212555-26D	Amber 250ml unpreserved	B	N/A	3	Y	Absent	TS(7),PCB-8082LL(14)

(*) Values in parentheses indicate holding time in days

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212555
Report Date: 08/15/12

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1212555-27A	Vial HCl preserved	D	N/A	4	Y	Absent	8260(14)
L1212555-27B	Vial HCl preserved	D	N/A	4	Y	Absent	8260(14)
L1212555-27C	Amber 1000ml unpreserved	D	7	4	Y	Absent	PCB-8082(7)
L1212555-27D	Amber 1000ml unpreserved	D	7	4	Y	Absent	PCB-8082(7)
L1212555-28A	Vial HCl preserved	D	N/A	4	Y	Absent	8260(14)
L1212555-28B	Vial HCl preserved	D	N/A	4	Y	Absent	8260(14)
L1212555-28C	Amber 1000ml unpreserved	D	7	4	Y	Absent	PCB-8082(7)
L1212555-28D	Amber 1000ml unpreserved	D	7	4	Y	Absent	PCB-8082(7)
L1212555-29A	Vial HCl preserved	D	N/A	4	Y	Absent	8260(14)

Container Comments

L1212555-07B

L1212555-26B

(*) Values in parentheses indicate holding time in days

Project Name:	NEW BEDFORD AEROVOX	**Lab Number:**	L1212555
Project Number:	TO-0010-05	**Report Date:**	08/15/12

GLOSSARY

Acronyms

EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than five times (5x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit.
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
D	- Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
E	- Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
G	- The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
H	- The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
I	- The RPD between the results for the two columns exceeds the method-specified criteria; however, the lower value has been reported due to obvious interference.
M	- Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
NJ	- Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

Report Format: Data Usability Report

Project Name:	NEW BEDFORD AEROVOX	**Lab Number:**	L1212555
Project Number:	TO-0010-05	**Report Date:**	08/15/12

Data Qualifiers

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the reporting limit (RL) for the sample.

Report Format: Data Usability Report

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212555

Project Number: TO-0010-05 **Report Date:** 08/15/12

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certificate/Approval Program Summary

Last revised August 3, 2012 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0574. ***NELAP Accredited Solid Waste/Soil.***

Drinking Water (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Nickel, Selenium, Silver, Sodium, Thallium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP) 504.1, Ethylene Dibromide (EDB) 504.1, 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223, Enumeration and P/A), E. Coli. – Colilert (SM9223, Enumeration and P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform-EC Medium (SM 9221E).

Wastewater/Non-Potable Water (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), E. Coli – Colilert (SM9223 Enumeration), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E), Enterococcus - Enterolert.

Solid Waste/Soil (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Dalapon, Volatile Organics (SW 8260), Acid Extractables (Phenols) (SW 8270), Benzidines (SW 8270), Phthalates (SW 8270), Nitrosamines (SW 8270), Nitroaromatics & Cyclic Ketones (SW 8270), PAHs (SW 8270), Haloethers (SW 8270), Chlorinated Hydrocarbons (SW 8270).)

Maine Department of Human Services Certificate/Lab ID: 2009024.
Drinking Water (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 353.2, SM2130B, 2320B, 2540C, 4500Cl-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 350.1, 351.1, 353.2, 410.4, 420.1, SM2320B, 2510B, 2540C, 2540D, 426C, 4500Cl-D, 4500Cl-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-B, 4500Norg-C, 4500NH3-B, 4500NH3-G, 4500NO3-F, 4500P-B, 4500P-E, 5210B, 5220D, 5310C, 9010B, 9040B, 9030B, 7470A, 7196A, 2340B, EPA 200.7, 6010B, 200.8, 6020, 245.1, 1311, 1312, 3005A, Enterolert, 9223D, 9222D. Organic Parameters: 608, 624, 625, 8081A, 8082, 8330, 8151A, 8260B, 8270C, 3510C, 3630C, 5030B, ME-DRO, ME-GRO, MA-EPH, MA-VPH.)

Solid Waste/Soil (Inorganic Parameters: 9010B, 9012A, 9014A, 9030B, 9040B, 9045C, 6010B, 7471A, 7196A, 9050A, 1010, 1030, 9065, 1311, 1312, 3005A, 3050B. Organic Parameters: ME-DRO, ME-GRO, MA-EPH, MA-VPH, 8260B, 8270C, 8330, 8151A, 8081A, 8082, 3540C, 3546, 3580A, 3630C, 5030B, 5035.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.
*Drinking Water (*Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl) (EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate); (EPA 353.2 for: Nitrate-N, Nitrite-N); (SM4500NO3-F for: Nitrate-N and Nitrite-N); 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, 2320B, SM2540C, SM4500H-B. Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics); (504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), EPA 332. Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; ColilertQT SM9223B; MF-SM9222D.)

Non-Potable Water (Inorganic Parameters:, (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn); (EPA 200.7

for: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn); 245.1, SM4500H,B, EPA 120.1, SM2510B, 2540C, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.
Organic Parameters: (EPA 624 for Volatile Halocarbons, Volatile Aromatics),(608 for: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT,Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs-Water), (EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables), 600/4-81-045-PCB-Oil. Microbiology Parameters: (ColilertQT SM9223B; Enterolert-QT: SM9222D-MF.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM 9222B, 9223B, 9215B, EPA 200.7, 200.8, 300.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 332.0. Organic Parameters: 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM9222D, 9221B, 9222B, 9221E-EC, EPA 3005A, 200.7, 200.8, 245.1, SW-846 6010B, 6010C, 6020, 6020A, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 350.2, 351.1, 353.2, 410.4, 420.1, 426C, 1664A, SW-846 9010B, 9030B, 9040B, SM2120B, 2310B, 2320B, 2540B, 2540D, 4500H+B, 4500CL-E, 4500CN-E, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500P-E, 4500-S2-D, 5210B, 5220D, 2510B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D, 3060A. Organic Parameters: SW-846 3510C, 3630C, 5030B, 8260B, 8270C, 8270D, 8330, EPA 624, 625, 608, SW-846 8082, 8082A, 8081A, 8081B, 8151A, 8330, 8270C-SIM, 8270D-SIM.)

Solid & Chemical Materials (Inorganic Parameters: SW-846 6010B, 6010C, 7196A, 7471A, 1010, 1030, 9010, 9012A, 9014, 9030B, 9040B, 9045C, 9050, 9065,1311, 1312, 3005A, 3050B, 3060A. Organic Parameters: SW-846 3540C, 3546, 3050B, 3580A, 3630C, 5030B, 5035, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330, 8151A, 8015B, 8015C, 8082, 8082A, 8081A, 8081B.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9222B, 9221E, 9223B, 9215B, 4500CN-CE, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 200.8, 245.1, 2540C, SM2120B, 2320B, 2510B, 5310C, SM4500H-B. Organic Parameters: EPA 332, 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM5210B, EPA 410.4, SM5220D, 4500Cl-E, EPA 300.0, SM2120B, 2340B, SM4500F-BC, EPA 200.7, 200.8, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310B, C or D, 4500-PE, EPA 420.1, SM510ABC, SM4500P-B5+E, 2540B, 2540C, 2540D, 2540G, EPA 120.1, SM2510B, SM2520B, SM15 426C, 9222D, 9221B, 9221C, 9221E, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, EPA 350.1, 350.2, SW-846 1312, 7470A, 5540C, SM4500H-B, 4500SO3-B, SM3500Cr-D, 4500CN-CE, EPA 245.1, SW-846 9040B, 3005A, 3015, EPA 6010B, 6010C, 6020, 6020A, 7196A, 3060A, SW-846 9010B, 9030B. Organic Parameters: SW-846 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3510C, EPA 608, 624, 625, SW-846 3630C, 5030B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 1,4-Dioxane by NJ Modified 8270, 8015B, NJ EPH.)

Solid & Chemical Materials (Inorganic Parameters: SW-846, 6010B, 6010C, 6020, 6020A, 7196A, 3060A, 9010B, 9030B, 1010, 1030, 1311, 1312, 3005A, 3050B, 7471A, 7471B, 9014, 9012A, 9040B, 9040C, 9045C, 9045D, 9050A, 9065, 9251. Organic Parameters: SW-846 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3540C, 3546, 3580A, 3630C, 5030B, 5035L, 5035H, NJ OQA-QAM-025 Rev.7, NJ EPH.)

New York Department of Health Certificate/Lab ID: 11148. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.2, SM5310C, EPA 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500NO3-F, 2540C, SM 2510B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, 5310C, EPA 410.4, SM5220D, 2310B-4a, 2320B, EPA 200.7, 300.0, SM4500CL-E, 4500F-C, SM15 426C, EPA 350.1, SM4500NH3-BH, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010B, 6010C, 6020, 6020A, EPA 7196A, SM3500Cr-D, EPA 245.1, 245.2, 7470A, SM2120B, LACHAT 10-204-00-1-A, 4500CN-CE, EPA 1664A, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 3005A, 3015, 9010B, 9030B. Organic Parameters: EPA 624, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 625, 608, 8081A, 8081B, 8151A, 8330, 8082, 8082A, EPA 3510C, 5030B.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010, 1030, EPA 6010B, 6010C, 7196A, 7471A, 7471B, 9012A, 9014, 9065, 9050A, EPA 1311, 1312, 3005A, 3050B, 9010B, 9040C, 9045D. Organic Parameters: EPA 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8015B, 8015C, 8081A, 8081B, 8151A, 8330, 8082 8082A, 3540C, 3546, 3580, 3580A, 5030B, 5035H, 5035L.)

North Carolina Department of the Environment and Natural Resources Certificate/Lab ID : 666. (Inorganic Parameters: SM2310B, 2320B, 4500Cl-E, 4500Cn-E, 9014, Lachat 10-204-00-1-X, 1010A, 1030, 4500NO3-F, 353.2, 4500P-E, 4500SO4-E, 300.0, 4500S-D, 5310B, 5310C, 6010C, 6020A, 200.7, 200.8, 3500Cr-B, 7196A, 245.1, 7471A, 7471B, 1311,1312. Organic Parameters: 608, 8081B, 8082A, 624, 8260B, 625, 8270D, 8151A, 8015C, 504.1, MA-EPH, MA-VPH.)

Drinking Water Program Certificate/Lab ID: 25700. (Inorganic Parameters: Chloride EPA 300.0. Organic Parameters: 524.2)

Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: 200.7, 200.8, 245.2, 300.0, 332.0, 2120B, 2320B, 2510B, 2540C, 4500-CN-CE, 4500F-C, 4500H+-B, 4500NO3-F, 5310C. Organic Parameters: EPA 524.2, 504.1)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1312, 3005A,3015, 3060A, 200.7, 200.8, 410.4, 1664A, SM2540D, 5210B, 5220D, 4500-P,BE, 245.1, 300.0, 3501., 350.2, 353.2, 420.1, 6010B, 6010C, 6020, 6020A, 7196A, 7470A, 9010B, 9030B, 9040B, Lachat 10-107-06-2-D, NJ-EPH, 2120B, 2310B, 2320B, 2340B, 2510C, 2540B, 2540C, 3500Cr-D, 436C, 4500CN-CE, 4500Cl-E, 4500F-B, 4500F-C, 4500H+-B, 4500NO2-B, 4500NO3-F, 4500S-D, 4500SO3-B, 5310BCD, 5540C. Organic Parameters: EPA 3510C, 3630C, 5030B, 625, 624, 608, 8081A, 8081B, 8082, 8082A, 8151A, 8260B, 8270C, 8270D, 8330, 8015B,)

Solid & Hazardous Waste (Inorganic Parameters: EPA 350.1, 1010, 1030, 1311, 1312, 3005A, 3050B, 3060A, 6010B, 6010C, 6020A, 7196A, 7471A, 7471B, 9010B, 9012A, 9014, 9040B, 9045C, 9050, 9065, SM 4500NH3-BH, 9030B, 9038, 9251. Organic Parameters: 3540C, 3546, 3580A, 3630C, 5035, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330, NJ-EPH.)

Rhode Island Department of Health Certificate/Lab ID: LAO00065. ***NELAP Accredited via NJ-DEP.***
Refer to MA-DEP Certificate for Potable and Non-Potable Water.
Refer to NJ-DEP Certificate for Potable and Non-Potable Water.

Texas Commisson on Environmental Quality Certificate/Lab ID: T104704476-09-1. ***NELAP Accredited.***
Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 $S2^{-}D$, 510C, 5210B, 5220D, 5310C, 5540C. Organic Parameters: EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

Virginia Division of Consolidated Laboratory Services Certificate/Lab ID: 460195. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: EPA 200.7, 200.8, 300.0, 2510B, 2120B, 2540C, 4500CN-CE, 245.2, 2320B, 4500F-C, 4500F-C, 4500NO3-F, 5310C. Organic Parameters: EPA 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 200.7, 2..08, 245.1, 300.0, 3005A, 3015, 1312, 6010B, 6010C, 3060A, 353.2, 420.1, 6020, 6020A, SM4500S-D, SM4500-CN-CE, Lachat 10-204-00-1-X, 7196A, 7470A, 9010B, 9040B, 2310B, 2320B, 2510B, 2540B, 2540C, 3500Cr-D, 426C, 4500Cl-E, 4500F-B, 4500F-C, 4500PE, 510AC, 5210B, 5310B 5310C, 5540C. Organic Parameters: EPA 3510C, 3630C, 5030B, 8260B, 608, 624, 625, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330,)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010A, 1030, 3060A, 3050B, 1311, 1312, 6010B, 6010C, 6020, , 7196A, 7471A, 7471B, 6020A, 9030B, 9010B, 9012A, 9014 9040B, 9045C, 9050A, 9065. Organic Parameters: EPA 5035, 3540C, 3546, 3550, 3580, 3630C, 8260B, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330.)

Department of Defense, L-A-B Certificate/Lab ID: L2217.
Drinking Water (Inorganic Parameters: SM 4500H-B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: EPA 200.7, 200.8, 6010B, 6010C, 6020, 6020A, 245.1, 245.2, 7470A, 9040B, 9010B, 180.1. 300.0, 332.0, 6860, 353.2, 410.4, 9060, 1664A, SM 4500CN-E, 4500H-B, 4500NO3-F, 4500CL-D, 5220D, 5310C, 2130B, 2320B, 2540C, 3005A, 3015, 9010B, 9056. Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A, 8082, 8082A, 8041A, 8081B, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 200.7, 6010B, 6010C, 7471A, 6860, 1311, 1312, 3050B, 7196A, 9010B, 9012A, 9040B, 9045C, 3500-CR-D, 4500CN-CE, 2540G, Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A/B-prep, 8082, 8082A, 8081A, 8081B, 3540C, 3546, 3580A, 5035A, MassDEP EPH, MassDEP VPH.)

The following analytes are not included in our current NELAP/TNI Scope of Accreditation:
EPA 8260B: Freon-113, 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8330A:** PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C:** Methyl naphthalene, Dimethyl naphthalene, Total Methylnapthalenes, Total Dimethylnaphthalenes, 1,4-Diphenylhydrazine (Azobenzene). **EPA 625:** 4-Chloroaniline, 4-Methylphenol. Total Phosphorus in a soil matrix, Chloride in a soil matrix, TKN in a soil matrix, NO2 in a soil matrix, NO3 in a soil matrix, SO4 in a soil matrix. **EPA 9071:** Total Petroleum Hydrocarbons, Oil & Grease

CHAIN OF CUSTODY

PAGE 1 OF 11

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab:

ALPHA Job #: L121 2555

Client Information

Client: Woods Hole Group
Address: 81 Technology Park
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)
Date Due: 7/17/12 Time: 24 hr

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
TS, Aroclor and High VOC have 24 hr TAT, all else is 15 business days, Project-Specific EDD, Homogenize before analyses

SAMPLE HANDLING
Filtration
☐ Done ☐ Not needed ☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: 44 High VOC	Low VOC	SVOC, Total Solid, PCB	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
2555.1	S-12L-B003-0.6-1.1	7/13/12	1200	SE	DGS	X				ASB-3	1
	S-12L-B003-0.6-1.1	"	"	"	"		X				2
1	S-12L-B003-0.6-1.1	"	"	"	"			X		All 3 analyses	1
	S-12L-B003-0.6-1.1	"	"	"	"				X	Archive	1
2	TB-071412-01	7/14/12	0745			X				Trip Blank #1	2
	TB-071412-02	7/14/12	0745				X			Trip Blank #2	2
3	S-12L-B003-2.0-2.5	7/13/12	1200	SE		X					1
	S-12L-B003-2.0-2.5	"	"	"	"		X				2
3	S-12L-B003-2.0-2.5	"	"	"	"			X		All 3 analyses	1
	S-12L-B003-2.0-2.5	"	"	"	"				X	Archive	1

Container Type	V	V	A	A							
Preservative	F	O	A	A							

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Patrick Curran	7/14/12 1900		7/14/12 1900

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

CHAIN OF CUSTODY

PAGE 2 OF 11

Date Rec'd in Lab: 7/14/12

ALPHA Job #: L1212555

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)
Date Due: 7/17/12 Time: 24 hr

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
TS, Aroclors and High VOC have 24 hr TAT, all else is 15 business days
Project-specific EDD, homogenize before analysis

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC	Low VOC	SVOC, Total Solid, PCB Congener (Archive)	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
3555.4	S-12L-B003-2.0-2.5 REP	7/13/12	~~745~~ 1200 DGS	SE	DGS	X				REP	1
	S-12L-B003-2.0-2.5 REP		1200				X			REP	2
4	S-12L-B003-2.0-2.5 REP							X		REP, All 3 analyses	1
	S-12L-B003-2.0-2.5 REP								X	REP, Archive	1
.5	S-12L-B003-3.5-4.0		1215			X					1
	S-12L-B003-3.5-4.0						X				2
.5	S-12L-B003-3.5-4.0							X		All 3 analyses	1
	S-12L-B003-3.5-4.0								X	Archive	1
.6	S-12L-B003-4.5-5.0					X					1
	S-12L-B003-4.5-5.0						X				2

Container Type	V	V	A	A
Preservative	F	O	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Patrick Curran	7/14/12 1900	[signature]	7/14/12 19:10

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Sediment Boring Collection and Analysis
Off the Former Aerovox Site Property Shoreline
W912WJ-09-D-0001

CHAIN OF CUSTODY

PAGE 3 OF 11

ALPHA ANALYTICAL

WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Date Rec'd in Lab: 7/14/12

ALPHA Job #: L1212555

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)

Date Due: 7/17/12 Time: 24 hr

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
TS, Aroclor and High VOC have 24 hr TAT, all else is 15 business days, Project specific EDD, homogenize before analysis

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
.6	S-12L-B003-4.5-5.0	7/13/12	1215	SE	DGS			X		All 3 analyses	1
	S-12L-B003-4.5-5.0		⊥						X	Archive	1
2555. .7	S-12L-B003-9.0-9.5		1230			X					1
.7	S-12L-B003-9.0-9.5						X				2
.7	S-12L-B003-9.0-9.5							X		All 3 analyses	1
.7	S-12L-B003-9.0-9.5								X	Archive	1
.7 -8	S-12L-B003-9.0-9.5 MSMSD					X				MSMSD	1
.7	S-12L-B003-9.0-9.5 MSMSD						X			MSMSD	2
.7	S-12L-B003-9.0-9.5 MSMSD							X		MSMSD, All 3 analyses	1
.7	S-12L-B003-9.0-9.5 MSMSD								X	MSMSD, Archive	1

	High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congener (Archive)
Container Type	V	V	A	A
Preservative	F	O	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Patrick Curran	7/14/12 / 1900	[signature]	7/14/12 1910

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Sediment Boring Collection and Analysis
Off the Former Aerovox Site Property Shoreline
W912WJ-09-D-0001

CHAIN OF CUSTODY

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ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 7/14/12

ALPHA Job #: L1212555

Client Information

Client: Woods Hole Group
Address: 81 Technology Park
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford, Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)
Date Due: 7/17/12 Time: 24 hr

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State / Fed Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All ***CAM*** methods for inorganic analyses require MS every 20 soil samples)

TS, Aroclor and High VOC have 24 hr TAT, all else is 15 business days, Project specific EDD, homogenize before analyses

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC	Low VOC	SVOC, Total Solid, PCB	PCB Congener (Archive)	SAMPLE HANDLING	Sample Specific Comments	TOTAL # BOTTLES
2555.8	S-12L-B003-14.5-15.0	7/13/12	1400	SE	DGS	X						1
.8	S-12L-B003-14.5-15.0						X					2
.8	S-12L-B003-14.5-15.0							X			All 3 analyses	1
.8	S-12L-B003-14.5-15.0								X		Archive	1
.9,10	S-12L-B003-19.5-20.0		1435			X						1
	S-12L-B003-19.5-20.0						X					2
.9	S-12L-B003-19.5-20.0							X			All 3 analyses	1
.9	S-12L-B003-19.5-20.0								X		Archive	1
10 H	S-12L-B003-21.5-22.0		1515			X						1
	S-12L-B003-21.5-22.0						X					2

Container Type	V	V	A	A							
Preservative	F	O	A	A							

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Patrick Curran	7/14/12 1400		7/14/12 1910

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Delivery Order 05 April 2013

Sediment Boring Collection and Analysis Off the Former Aerovox Site Property Shoreline W912WJ-09-D-0001

CHAIN OF CUSTODY

PAGE 5 OF 11

Date Rec'd in Lab: 7/14/12

ALPHA Job #: L1212555

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)
Date Due: 7/17/12 Time: 24 hr

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State / Fed Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
TS, Aroclor, High VOC have 24 hr TAT, all else are 15 business days.
Project-specific EDD. Homogenize samples before analysis

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solids, PCB Aroclor	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
.10 ~~12~~	S-12L-B003-21.5-22.0	7/13/12	1515	SE	DGS			X		All 3 analyses	1
10	S-12L-B003-21.5-22.0								X	Archive	1
2555.11 ~~12~~	S-12L-B003-22.5-23.0					X					1
	S-12L-B003-22.5-23.0						X				2
.11	S-12L-B003-22.5-23.0							X		All 3 analyses	1
.11	S-12L-B003-22.5-23.0								X	Archive	1
.12 ~~13~~	EB-071412-01	7/14/12	0815	SW	DRV	X				Equip Blank	2
.12	EB-071412-01							X		Equip Blank, SVOC + Aroclor	3
.13 ~~14~~	EB-071412-02		0930			X				Barge water EB	2
.13	EB-071412-02							X		Barge decon water EB, SVOC + Aroclor Only	4

	High VOC	Low VOC	SVOC, Total Solids, PCB Aroclor	PCB Congener (Archive)
Container Type	V	V	A	A
Preservative	F	O	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Patrick Connor	7/14/12/1900	[signature]	7/14/12 1910

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Sediment Boring Collection and Analysis Off the Former Aerovox Site Property Shoreline W912WJ-09-D-0001 Del... Order ...-05 April 2013

CHAIN OF CUSTODY

PAGE 6 OF 11

Date Rec'd in Lab: 7/14/12

ALPHA Job #: L1212555

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)

Date Due: Time: 24 hr

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State / Fed Program Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
2555 14 ~~15~~	TB-071412-03 DGS 7/6/12	~~7/14/12~~			KR	X				Trip Blank, EB	D-67
.15 ~~16~~	S-12L-B004-3.5-4.0	7/14/12	0740	SE	DGS	X					1
	S-12L-B004-3.5-4.0						X				2
15	S-12L-B004-3.5-4.0							X		All 3 analyses	1
	S-12L-B004-3.5-4.0								X	Archive	1
.16 ~~17~~	S-12L-B004-3.5-4.0 REP					X				REP	1
	S-12L-B004-3.5-4.0 REP						X			REP	2
16	S-12L-B004-3.5-4.0 REP							X		REP, all 3 analyses	1
	S-12L-B004-3.5-4.0 REP								X	REP, archive	1
.17 ~~18~~	S-12L-B004-0.5-1.0					X					1

Container Type	V	V	A	A
Preservative	F	O	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Patrick Connor	7/14/12 1900	[signature]	7/14/12 19:10

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Sediment Boring Collection and Analysis Off the Former Aerovox Site Property Shoreline W912WJ-09-D-0001 Del. Order ...-05 April 2013

CHAIN OF CUSTODY

PAGE 7 OF 11

Date Rec'd in Lab: 7/14/12

ALPHA Job #: L1212 555

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
8 East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford, Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)

Date Due: Time: 24 hrs

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
TS, Aroclors and High VOC have 24 hr TAT, all else are 15 business days
Project-specific EDD, Homogenize before analysis

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
~~19~~	S-12L-B004-0.5-1.0	7/14/12	0740	SE	DGS	.	X				DAQ
17	S-12L-B004-0.5-1.0							X		All 3 analyses	1
	S-12L-B004-0.5-1.0								X	Archive	1
2555. 18	S-12L-B004-6.5-7.0		0835			X					1
	S-12L-B004-6.5-7.0						X				2
18	S-12L-B004-6.5-7.0							X		All 3 analyses	1
	S-12L-B004-6.5-7.0								X	Archive	1
19 ~~20~~	S-12L-B004-~~6.5~~ DGS-7.5-8.0					X					
	S-12L-B004-7.5-8.0						X				2
19	S-12L-B004-7.5-8.0							X		All 3 analyses	1

Container Type	V	V	A	A
Preservative	F	O	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Patrick Cronan	7/14/12/1900	[signature]	7/14/12 19:10

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Sediment Boring Collection and Analysis
Off the Former Aerovox Site Property Shoreline
W912WJ-09-D-0001
Del... Order ...-05
April 2013

CHAIN OF CUSTODY

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ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 7/14/12

ALPHA Job #: L1212555

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave WALSH
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)
Date Due: Time: 24 hrs

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All **CAM** methods for inorganic analyses require MS every 20 soil samples)
TS, Aroclors and High VOC have 24 hr TAT, all else is 15 business days
Project-Specific EDD, Homogenize before analysis

ANALYSIS: High VOC; Low VOC; SVOC; Total Solid PCB Aroclor; PCB Congeners (Archive)

SAMPLE HANDLING
Filtration
☐ Done ☐ Not needed ☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC	PCB Aroclor	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
	S-12L-B004-7.5-8.0	7/14/12	0835	SE	DGS				X		Archive	1
555.20	S-12L-B004-11.0-11.5		0850			X						1
	S-12L-B004-11.0-11.5						X					2
20	S-12L-B004-11.0-11.5							X			All 3 analyses	1
	S-12L-B004-11.0-11.5								X		Archive	1
.21 ~~.22~~	S-12L-B004-15.5-16.0		0925			X						1
	S-12L-B004-15.5-16.0						X					2
21	S-12L-B004-15.5-16.0							X			All 3 analyses	1
	S-12L-B004-15.5-16.0								X		Archive	1
~~22~~ .23	S-12L-B004-17.5-18.0					X						1

Container Type	V	V	A	A
Preservative	F	O	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Patrick Corrow	7/14/12 1930		7/14/12 19:10

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Delivery Order - April 2013

Sediment Boring Collection and Analysis Off the Former Aerovox Site Property Shoreline W912WJ-09-D-0001

CHAIN OF CUSTODY

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Date Rec'd in Lab: 7/14/12

ALPHA Job #: L1212555

ALPHA ANALYTICAL

WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193

MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: WOODS Hole Group

Address: 81 Technology Park Dr East Falmouth, MA 02536

Phone: 508-540-8080

Fax: 508-540-1001

Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox

Project Location: New Bedford, MA

Project #: TO-0010-05 (DG)

Project Manager: Dave Walsh

ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)

Date Due: Time: 24 hr

Report Information - Data Deliverables

☐ FAX ☒ EMAIL

☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?

☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)

☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

TS, Aroclor, High VOC have 24 hr TAT, all else are 15 business days. Project-specific EDD, homogenize samples

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid PCB Aroclors	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
	S-12L-B004-17.5-18.0	7/14/12	0925	SE	DGS		X				1
22	S-12L-B004-17.5-18.0							X		All 3 analyses	1
	S-12L-B004-17.5-18.0								X	Archive	1
2555.23 24	S-12L-B004-20.0-20.5		0915 0950			X					1
	S-12L-B004-20.0-20.5						X				2
23	S-12L-B004-20.0-20.5							X		All 3 analyses	1
	S-12L-B004-20.0-20.5								X	Archive	1
24 25	S-12L-B005-0.5-1.0 (DG)		1045			X					1
	S-12L-B005-0.5-1.0						X				2
24	S-12L-B005-0.5-1.0							X		All 3 analyses	1

Container Type: V V A A

Preservative: F O A A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Patrick Curran	7/14/12 1900		7/14/12 19:10

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

SAMPLE HANDLING

Filtration

☐ Done ☐ Not needed ☐ Lab to do

Preservation

☐ Lab to do

(Please specify below)

Deliverables: ADEx

Report Format: Data Package

Turnaround Time: Standard

Due Date: April 2013

Sediment Boring Collection and Analysis Off the Former Aerovox Site Property Shoreline W912WJ-09-D-0001

CHAIN OF CUSTODY

PAGE 10 OF 11

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 7/14/12

ALPHA Job # L1212355

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)
Date Due: Time: 24 hr

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

TS, Aroclors, High VOC have 24 hr TAT, all else is 15 business days
Project specific EDD. Homogenize samples before analysis

ANALYSIS: High VOC | Low VOC | SVOC, Total solid, PCB Aroclor | PCB Congener (8082)

SAMPLE HANDLING
Filtration
☐ Done ☐ Not needed ☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total solid, PCB Aroclor	PCB Congener (8082)	Sample Specific Comments	TOTAL # BOTTLES
	S-12L-B005-0.5-1.0	7/14/12	1045	SE	DGS			X		Archive	1
1255.25.26	S-12L-B005-0.5-1.0 REP					X				REP	1
	S-12L-B005-0.5-1.0 REP						X			REP	2
.25	S-12L-B005-0.5-1.0 REP							X		REP, All 3 analyses	1
	S-12L-B005-0.5-1.0 REP								X	REP, Archive	1
.26 .27	S-12L-B005-4.0-4.5					X					1
	S-12L-B005-4.0-4.5						X				1
.26	S-12L-B005-4.0-4.5							X		All 3 analyses	1
	S-12L-B005-4.0-4.5								X	Archive	1
.26 .27	S-12L-B005-4.0-4.5 MS/MSD					X				MS/MSD	1

Container Type	V	V	A	A
Preservative	F	O	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Patrick Corran	7/14/12 1905		7/14/12 19:10

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Deliverables: EQuIS (1-File) Data Package Order Form-05 April 2013

Sediment Boring Collection and Analysis Off the Former Aerovox Site Property Shoreline W912WJ-09-D-0001

CHAIN OF CUSTODY

PAGE 11 OF 11

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 7/14/12

ALPHA Job #: L1212555

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave WALSH
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)
Date Due: Time: 24 hr

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

TS, Aroclor and High VOC have 24 hr TAT, all else is 15 business days. Project-specific EDD. Homogenize before analysis

ANALYSIS: High VOC; Low VOC; SVOC, Total Solid, PCB, Aroclor; PCB congener (Archive)

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid, PCB, Aroclor	PCB congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
	S-12L-B@05-4.0-4.5 MSMSD	7/14/12	1045	SE	DGS		X			MSMSD	3
26	S-12L-B@05-4.0-4.5 MSMSD							X		MSMSD, All 3 analyses	1
	S-12L-B@05-4.0-4.5 MSMSD								X	MSMSD, Archive	1
27 ~~28~~	EB-071412-03		1115	SW	DRW	X				Equip blank #3	2
27	EB-071412-03		1115		DRW			X		Equip blank 3 SVOC + Aroclor	4
28 ~~29~~	EB-071412-04		1405		EGH	X				Equip blank	2
28	EB-071412-04		1405		EGN			X		Equip blank, SVOC + Aroclor	4
29 ~~30~~	TB-071412-04	7/6/12			KR	X				Trip blank 4 EB	1

Container Type	V	V	A	A	
Preservative	F	C	A	A	

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Rosmile Curran	7/14/12 1405	Sue Taylor	7/14 1910

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

ANALYTICAL REPORT

Lab Number:	L1212561
Client:	Woods Hole Group 81 Technology Park Drive East Falmouth, MA 02536
ATTN:	Dave Walsh
Phone:	(508) 540-8080
Project Name:	NEW BEDFORD AEROVOX
Project Number:	TO-0010-05
Report Date:	08/16/12

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212561
Report Date: 08/16/12

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1212561-01	S-12L-B003-0.6-1.1	NEW BEDFORD, MA	07/13/12 12:00
L1212561-02	S-12L-B003-2.0-2.5	NEW BEDFORD, MA	07/13/12 12:00
L1212561-03	S-12L-B003-2.0-2.5 REP	NEW BEDFORD, MA	07/13/12 12:00
L1212561-04	S-12L-B003-3.5-4.0	NEW BEDFORD, MA	07/13/12 12:15
L1212561-05	S-12L-B003-4.5-5.0	NEW BEDFORD, MA	07/13/12 12:15
L1212561-06	S-12L-B003-9.0-9.5	NEW BEDFORD, MA	07/13/12 12:30
L1212561-07	S-12L-B003-14.5-15.0	NEW BEDFORD, MA	07/13/12 14:00
L1212561-08	S-12L-B003-19.5-20.0	NEW BEDFORD, MA	07/13/12 14:35
L1212561-09	S-12L-B003-21.5-22.0	NEW BEDFORD, MA	07/13/12 15:15
L1212561-10	S-12L-B003-22.5-23.0	NEW BEDFORD, MA	07/13/12 15:15
L1212561-11	EB-071412-01	NEW BEDFORD, MA	07/14/12 08:15
L1212561-12	EB-071412-02	NEW BEDFORD, MA	07/14/12 09:30
L1212561-13	S-12L-B004-3.5-4.0	NEW BEDFORD, MA	07/14/12 07:40
L1212561-14	S-12L-B004-3.5-4.0 REP	NEW BEDFORD, MA	07/14/12 07:40
L1212561-15	S-12L-B004-0.5-1.0	NEW BEDFORD, MA	07/14/12 07:40
L1212561-16	S-12L-B004-6.5-7.0	NEW BEDFORD, MA	07/14/12 08:35
L1212561-17	S-12L-B004-7.5-8.0	NEW BEDFORD, MA	07/14/12 08:35
L1212561-18	S-12L-B004-11.0-11.5	NEW BEDFORD, MA	07/14/12 08:50
L1212561-19	S-12L-B004-15.5-16.0	NEW BEDFORD, MA	07/14/12 09:25
L1212561-20	S-12L-B004-17.5-18.0	NEW BEDFORD, MA	07/14/12 09:25
L1212561-21	S-12L-B004-20.0-20.5	NEW BEDFORD, MA	07/14/12 09:50
L1212561-22	S-12L-B005-0.5-1.0	NEW BEDFORD, MA	07/14/12 10:45
L1212561-23	S-12L-B005-0.5-1.0 REP	NEW BEDFORD, MA	07/14/12 10:45
L1212561-24	S-12L-B005-4.0-4.5	NEW BEDFORD, MA	07/14/12 10:45
L1212561-25	EB-071412-03	NEW BEDFORD, MA	07/14/12 11:15
L1212561-26	EB-071412-04	NEW BEDFORD, MA	07/14/12 14:05
L1212561-27	TB-071412-02	NEW BEDFORD, MA	07/13/12 00:00

Project Name:	NEW BEDFORD AEROVOX	**Lab Number:**	L1212561
Project Number:	TO-0010-05	**Report Date:**	08/16/12

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples free of charge for 30 days from the date the project is completed. After 30 days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples.

Please contact Client Services at 800-624-9220 with any questions.

Project Name:	NEW BEDFORD AEROVOX	**Lab Number:**	L1212561
Project Number:	TO-0010-05	**Report Date:**	08/16/12

Case Narrative (continued)

Report Submission

This report replaces the report issued on July 31, 2012. The QC analyst lists have been amended to match the samples for the Volatile and Semivolatile Organics analyses, and the sample matrix has been changed from Soil to Sediment.

This report replaces the report issued July 30, 2012. Some of the Volatile Organics MS/MSD concentrations have been amended. None of the MS/MSD recoveries have changed.

Volatile Organics

Samples that were non-detect when analyzed high level originally in L1212555 are found within this report.

The WG550847-4/-5 MS/MSD recoveries, performed on L1212561-24, were outside the acceptance criteria for several compounds; however, the associated LCS/LCSD recoveries were within criteria. The results of the sample utilized for the MS/MSD are considered to have a potentially high bias for 1,4-Dichlorobenzene (MSD at 153%) and a potentially low bias for Acetone (258%/0%), 2-Butanone (155%), 1,2,3-Trichlorobenzene (50%/60%), 1,2,4-Trichlorobenzene (55%/64%), Cyclohexane (MS at 0%), and Methyl acetate (MSD at 0%).

Semivolatile Organics

L1212561-02 and -03 have elevated detection limits due to the dilutions required by the sample matrices.

L1212561-04 and -05 have elevated detection limits due to the dilutions required by the matrix interferences encountered during the concentration of the samples and the analytical dilutions required by the sample matrices.

L1212561-24 has elevated detection limits due to the dilution required by the matrix interferences encountered during the concentration of the sample and the analytical dilution required by the target compounds present in the sample.

The WG550878-4/-5 MS recoveries, performed on L1212561-06, are outside the acceptance criteria for 1,2,4-Trichlorobenzene (MS at 110%), 2,4-Dinitrotoluene (96%/95%), P-Chloro-M-Cresol (MSD at 110%), 4-Nitrophenol (MSD at 120%), and Phenol (MSD at 95%).

The WG550878-4/-5 MS/MSD recovery, performed on L1212561-06, is below the acceptance criteria for 2,4-Dinitrophenol (0%/0%) and 4,6-Dinitro-o-cresol (MSD at 0%) due to the concentration of these compounds

Project Name:	NEW BEDFORD AEROVOX	**Lab Number:**	L1212561
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Case Narrative (continued)

falling below the reported detection limit.

The WG550892-4/-5 MS/MSD, associated with L1212561-24, was not analyzed because the dilution required to by the elevated concentrations of target compounds present in the sample to be utilized for the MS/MSD would have caused the spike compounds to be diluted below the range of calibration.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Cynthia McQueen

Title: Technical Director/Representative Date: 08/16/12

ORGANICS

VOLATILES

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212561-07	Date Collected:	07/13/12 14:00
Client ID:	S-12L-B003-14.5-15.0	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/23/12 17:37		
Analyst:	BN		
Percent Solids:	92%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	8.4	--	1
1,1-Dichloroethane	ND		ug/kg	1.7	--	1
Chloroform	ND		ug/kg	1.7	--	1
Carbon tetrachloride	ND		ug/kg	1.7	--	1
1,2-Dichloropropane	ND		ug/kg	3.3	--	1
Dibromochloromethane	ND		ug/kg	1.7	--	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	--	1
Tetrachloroethene	ND		ug/kg	1.7	--	1
Chlorobenzene	ND		ug/kg	1.7	--	1
Trichlorofluoromethane	ND		ug/kg	4.2	--	1
1,2-Dichloroethane	ND		ug/kg	1.7	--	1
1,1,1-Trichloroethane	ND		ug/kg	1.7	--	1
Bromodichloromethane	ND		ug/kg	1.7	--	1
trans-1,3-Dichloropropene	ND		ug/kg	1.7	--	1
cis-1,3-Dichloropropene	ND		ug/kg	1.7	--	1
Bromoform	ND		ug/kg	3.3	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.7	--	1
Benzene	ND		ug/kg	1.7	--	1
Toluene	ND		ug/kg	1.7	--	1
Ethylbenzene	ND		ug/kg	1.7	--	1
Chloromethane	ND		ug/kg	4.2	--	1
Bromomethane	ND		ug/kg	1.7	--	1
Vinyl chloride	ND		ug/kg	1.7	--	1
Chloroethane	ND		ug/kg	1.7	--	1
1,1-Dichloroethene	ND		ug/kg	1.7	--	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	--	1
Trichloroethene	15		ug/kg	1.7	--	1
1,2-Dichlorobenzene	ND		ug/kg	4.2	--	1
1,3-Dichlorobenzene	ND		ug/kg	4.2	--	1
1,4-Dichlorobenzene	ND		ug/kg	4.2	--	1
Methyl tert butyl ether	ND		ug/kg	1.7	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-07 Date Collected: 07/13/12 14:00

Client ID: S-12L-B003-14.5-15.0 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	3.3	--	1
o-Xylene	ND		ug/kg	3.3	--	1
Xylenes, Total	ND		ug/kg	3.3	--	1
cis-1,2-Dichloroethene	3.9		ug/kg	1.7	--	1
Styrene	ND		ug/kg	3.3	--	1
Dichlorodifluoromethane	ND		ug/kg	8.4	--	1
Acetone	ND		ug/kg	30	--	1
Carbon disulfide	ND		ug/kg	8.4	--	1
2-Butanone	ND		ug/kg	8.4	--	1
4-Methyl-2-pentanone	ND		ug/kg	8.4	--	1
2-Hexanone	ND		ug/kg	8.4	--	1
Bromochloromethane	ND		ug/kg	4.2	--	1
1,2-Dibromoethane	ND		ug/kg	3.3	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.2	--	1
Isopropylbenzene	ND		ug/kg	1.7	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.2	--	1
1,2,4-Trichlorobenzene	9.1		ug/kg	4.2	--	1
Methyl Acetate	ND		ug/kg	17	--	1
Cyclohexane	ND		ug/kg	17	--	1
1,4-Dioxane	ND		ug/kg	84	--	1
Methyl cyclohexane	ND		ug/kg	3.3	--	1
Freon-113	ND		ug/kg	17	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	103		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-18
Client ID: S-12L-B004-11.0-11.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment
Analytical Method: 1,8260B
Analytical Date: 07/23/12 18:05
Analyst: BN
Percent Solids: 95%

Date Collected: 07/14/12 08:50
Date Received: 07/14/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	14	--	1
1,1-Dichloroethane	ND		ug/kg	2.8	--	1
Chloroform	ND		ug/kg	2.8	--	1
Carbon tetrachloride	ND		ug/kg	2.8	--	1
1,2-Dichloropropane	ND		ug/kg	5.7	--	1
Dibromochloromethane	ND		ug/kg	2.8	--	1
1,1,2-Trichloroethane	ND		ug/kg	2.8	--	1
Tetrachloroethene	ND		ug/kg	2.8	--	1
Chlorobenzene	ND		ug/kg	2.8	--	1
Trichlorofluoromethane	ND		ug/kg	7.1	--	1
1,2-Dichloroethane	ND		ug/kg	2.8	--	1
1,1,1-Trichloroethane	ND		ug/kg	2.8	--	1
Bromodichloromethane	ND		ug/kg	2.8	--	1
trans-1,3-Dichloropropene	ND		ug/kg	2.8	--	1
cis-1,3-Dichloropropene	ND		ug/kg	2.8	--	1
Bromoform	ND		ug/kg	5.7	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.8	--	1
Benzene	ND		ug/kg	2.8	--	1
Toluene	ND		ug/kg	2.8	--	1
Ethylbenzene	ND		ug/kg	2.8	--	1
Chloromethane	ND		ug/kg	7.1	--	1
Bromomethane	ND		ug/kg	2.8	--	1
Vinyl chloride	ND		ug/kg	2.8	--	1
Chloroethane	ND		ug/kg	2.8	--	1
1,1-Dichloroethene	ND		ug/kg	2.8	--	1
trans-1,2-Dichloroethene	ND		ug/kg	2.8	--	1
Trichloroethene	19		ug/kg	2.8	--	1
1,2-Dichlorobenzene	ND		ug/kg	7.1	--	1
1,3-Dichlorobenzene	ND		ug/kg	7.1	--	1
1,4-Dichlorobenzene	ND		ug/kg	7.1	--	1
Methyl tert butyl ether	ND		ug/kg	2.8	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-18 Date Collected: 07/14/12 08:50

Client ID: S-12L-B004-11.0-11.5 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	5.7	--	1
o-Xylene	ND		ug/kg	5.7	--	1
Xylenes, Total	ND		ug/kg	5.7	--	1
cis-1,2-Dichloroethene	ND		ug/kg	2.8	--	1
Styrene	ND		ug/kg	5.7	--	1
Dichlorodifluoromethane	ND		ug/kg	14	--	1
Acetone	ND		ug/kg	51	--	1
Carbon disulfide	ND		ug/kg	14	--	1
2-Butanone	ND		ug/kg	14	--	1
4-Methyl-2-pentanone	ND		ug/kg	14	--	1
2-Hexanone	ND		ug/kg	14	--	1
Bromochloromethane	ND		ug/kg	7.1	--	1
1,2-Dibromoethane	ND		ug/kg	5.7	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.1	--	1
Isopropylbenzene	ND		ug/kg	2.8	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.1	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.1	--	1
Methyl Acetate	ND		ug/kg	28	--	1
Cyclohexane	ND		ug/kg	28	--	1
1,4-Dioxane	ND		ug/kg	140	--	1
Methyl cyclohexane	ND		ug/kg	5.7	--	1
Freon-113	ND		ug/kg	28	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	101		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212561-21	Date Collected:	07/14/12 09:50
Client ID:	S-12L-B004-20.0-20.5	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/24/12 10:29		
Analyst:	BN		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	18	--	1
1,1-Dichloroethane	ND		ug/kg	3.7	--	1
Chloroform	ND		ug/kg	3.7	--	1
Carbon tetrachloride	ND		ug/kg	3.7	--	1
1,2-Dichloropropane	ND		ug/kg	7.4	--	1
Dibromochloromethane	ND		ug/kg	3.7	--	1
1,1,2-Trichloroethane	ND		ug/kg	3.7	--	1
Tetrachloroethene	ND		ug/kg	3.7	--	1
Chlorobenzene	ND		ug/kg	3.7	--	1
Trichlorofluoromethane	ND		ug/kg	9.2	--	1
1,2-Dichloroethane	ND		ug/kg	3.7	--	1
1,1,1-Trichloroethane	ND		ug/kg	3.7	--	1
Bromodichloromethane	ND		ug/kg	3.7	--	1
trans-1,3-Dichloropropene	ND		ug/kg	3.7	--	1
cis-1,3-Dichloropropene	ND		ug/kg	3.7	--	1
Bromoform	ND		ug/kg	7.4	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	3.7	--	1
Benzene	ND		ug/kg	3.7	--	1
Toluene	ND		ug/kg	3.7	--	1
Ethylbenzene	ND		ug/kg	3.7	--	1
Chloromethane	ND		ug/kg	9.2	--	1
Bromomethane	ND		ug/kg	3.7	--	1
Vinyl chloride	ND		ug/kg	3.7	--	1
Chloroethane	ND		ug/kg	3.7	--	1
1,1-Dichloroethene	ND		ug/kg	3.7	--	1
trans-1,2-Dichloroethene	ND		ug/kg	3.7	--	1
Trichloroethene	55		ug/kg	3.7	--	1
1,2-Dichlorobenzene	ND		ug/kg	9.2	--	1
1,3-Dichlorobenzene	ND		ug/kg	9.2	--	1
1,4-Dichlorobenzene	ND		ug/kg	9.2	--	1
Methyl tert butyl ether	ND		ug/kg	3.7	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-21 Date Collected: 07/14/12 09:50

Client ID: S-12L-B004-20.0-20.5 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	7.4	--	1
o-Xylene	ND		ug/kg	7.4	--	1
Xylenes, Total	ND		ug/kg	7.4	--	1
cis-1,2-Dichloroethene	4.6		ug/kg	3.7	--	1
Styrene	ND		ug/kg	7.4	--	1
Dichlorodifluoromethane	ND		ug/kg	18	--	1
Acetone	ND		ug/kg	67	--	1
Carbon disulfide	ND		ug/kg	18	--	1
2-Butanone	ND		ug/kg	18	--	1
4-Methyl-2-pentanone	ND		ug/kg	18	--	1
2-Hexanone	ND		ug/kg	18	--	1
Bromochloromethane	ND		ug/kg	9.2	--	1
1,2-Dibromoethane	ND		ug/kg	7.4	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	9.2	--	1
Isopropylbenzene	ND		ug/kg	3.7	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	9.2	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	9.2	--	1
Methyl Acetate	ND		ug/kg	37	--	1
Cyclohexane	ND		ug/kg	37	--	1
1,4-Dioxane	ND		ug/kg	180	--	1
Methyl cyclohexane	ND		ug/kg	7.4	--	1
Freon-113	ND		ug/kg	37	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	100		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212561-22	Date Collected:	07/14/12 10:45
Client ID:	S-12L-B005-0.5-1.0	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/24/12 10:57		
Analyst:	BN		
Percent Solids:	34%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	38	--	1
1,1-Dichloroethane	ND		ug/kg	7.5	--	1
Chloroform	ND		ug/kg	7.5	--	1
Carbon tetrachloride	ND		ug/kg	7.5	--	1
1,2-Dichloropropane	ND		ug/kg	15	--	1
Dibromochloromethane	ND		ug/kg	7.5	--	1
1,1,2-Trichloroethane	ND		ug/kg	7.5	--	1
Tetrachloroethene	ND		ug/kg	7.5	--	1
Chlorobenzene	ND		ug/kg	7.5	--	1
Trichlorofluoromethane	ND		ug/kg	19	--	1
1,2-Dichloroethane	ND		ug/kg	7.5	--	1
1,1,1-Trichloroethane	ND		ug/kg	7.5	--	1
Bromodichloromethane	ND		ug/kg	7.5	--	1
trans-1,3-Dichloropropene	ND		ug/kg	7.5	--	1
cis-1,3-Dichloropropene	ND		ug/kg	7.5	--	1
Bromoform	ND		ug/kg	15	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	7.5	--	1
Benzene	ND		ug/kg	7.5	--	1
Toluene	ND		ug/kg	7.5	--	1
Ethylbenzene	ND		ug/kg	7.5	--	1
Chloromethane	ND		ug/kg	19	--	1
Bromomethane	ND		ug/kg	7.5	--	1
Vinyl chloride	ND		ug/kg	7.5	--	1
Chloroethane	ND		ug/kg	7.5	--	1
1,1-Dichloroethene	ND		ug/kg	7.5	--	1
trans-1,2-Dichloroethene	ND		ug/kg	7.5	--	1
Trichloroethene	ND		ug/kg	7.5	--	1
1,2-Dichlorobenzene	ND		ug/kg	19	--	1
1,3-Dichlorobenzene	25		ug/kg	19	--	1
1,4-Dichlorobenzene	50		ug/kg	19	--	1
Methyl tert butyl ether	ND		ug/kg	7.5	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-22 Date Collected: 07/14/12 10:45

Client ID: S-12L-B005-0.5-1.0 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	15	--	1
o-Xylene	ND		ug/kg	15	--	1
Xylenes, Total	ND		ug/kg	15	--	1
cis-1,2-Dichloroethene	ND		ug/kg	7.5	--	1
Styrene	ND		ug/kg	15	--	1
Dichlorodifluoromethane	ND		ug/kg	38	--	1
Acetone	170		ug/kg	140	--	1
Carbon disulfide	ND		ug/kg	38	--	1
2-Butanone	41		ug/kg	38	--	1
4-Methyl-2-pentanone	ND		ug/kg	38	--	1
2-Hexanone	ND		ug/kg	38	--	1
Bromochloromethane	ND		ug/kg	19	--	1
1,2-Dibromoethane	ND		ug/kg	15	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	19	--	1
Isopropylbenzene	ND		ug/kg	7.5	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	19	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	19	--	1
Methyl Acetate	ND		ug/kg	75	--	1
Cyclohexane	ND		ug/kg	75	--	1
1,4-Dioxane	ND		ug/kg	380	--	1
Methyl cyclohexane	ND		ug/kg	15	--	1
Freon-113	ND		ug/kg	75	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	124		70-130
Dibromofluoromethane	100		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212561-23	Date Collected:	07/14/12 10:45
Client ID:	S-12L-B005-0.5-1.0 REP	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/24/12 11:25		
Analyst:	BN		
Percent Solids:	38%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	41	--	1
1,1-Dichloroethane	ND		ug/kg	8.2	--	1
Chloroform	ND		ug/kg	8.2	--	1
Carbon tetrachloride	ND		ug/kg	8.2	--	1
1,2-Dichloropropane	ND		ug/kg	16	--	1
Dibromochloromethane	ND		ug/kg	8.2	--	1
1,1,2-Trichloroethane	ND		ug/kg	8.2	--	1
Tetrachloroethene	ND		ug/kg	8.2	--	1
Chlorobenzene	ND		ug/kg	8.2	--	1
Trichlorofluoromethane	ND		ug/kg	20	--	1
1,2-Dichloroethane	ND		ug/kg	8.2	--	1
1,1,1-Trichloroethane	ND		ug/kg	8.2	--	1
Bromodichloromethane	ND		ug/kg	8.2	--	1
trans-1,3-Dichloropropene	ND		ug/kg	8.2	--	1
cis-1,3-Dichloropropene	ND		ug/kg	8.2	--	1
Bromoform	ND		ug/kg	16	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	8.2	--	1
Benzene	ND		ug/kg	8.2	--	1
Toluene	ND		ug/kg	8.2	--	1
Ethylbenzene	ND		ug/kg	8.2	--	1
Chloromethane	ND		ug/kg	20	--	1
Bromomethane	ND		ug/kg	8.2	--	1
Vinyl chloride	ND		ug/kg	8.2	--	1
Chloroethane	ND		ug/kg	8.2	--	1
1,1-Dichloroethene	ND		ug/kg	8.2	--	1
trans-1,2-Dichloroethene	ND		ug/kg	8.2	--	1
Trichloroethene	ND		ug/kg	8.2	--	1
1,2-Dichlorobenzene	ND		ug/kg	20	--	1
1,3-Dichlorobenzene	36		ug/kg	20	--	1
1,4-Dichlorobenzene	58		ug/kg	20	--	1
Methyl tert butyl ether	ND		ug/kg	8.2	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-23 Date Collected: 07/14/12 10:45

Client ID: S-12L-B005-0.5-1.0 REP Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	16	--	1
o-Xylene	ND		ug/kg	16	--	1
Xylenes, Total	ND		ug/kg	16	--	1
cis-1,2-Dichloroethene	ND		ug/kg	8.2	--	1
Styrene	ND		ug/kg	16	--	1
Dichlorodifluoromethane	ND		ug/kg	41	--	1
Acetone	ND		ug/kg	150	--	1
Carbon disulfide	ND		ug/kg	41	--	1
2-Butanone	ND		ug/kg	41	--	1
4-Methyl-2-pentanone	ND		ug/kg	41	--	1
2-Hexanone	ND		ug/kg	41	--	1
Bromochloromethane	ND		ug/kg	20	--	1
1,2-Dibromoethane	ND		ug/kg	16	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	20	--	1
Isopropylbenzene	ND		ug/kg	8.2	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	20	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	20	--	1
Methyl Acetate	ND		ug/kg	82	--	1
Cyclohexane	ND		ug/kg	82	--	1
1,4-Dioxane	ND		ug/kg	410	--	1
Methyl cyclohexane	ND		ug/kg	16	--	1
Freon-113	ND		ug/kg	82	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	110		70-130
4-Bromofluorobenzene	120		70-130
Dibromofluoromethane	100		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212561-24	Date Collected:	07/14/12 10:45
Client ID:	S-12L-B005-4.0-4.5	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/24/12 11:52		
Analyst:	BN		
Percent Solids:	83%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	15	--	1
1,1-Dichloroethane	ND		ug/kg	3.0	--	1
Chloroform	ND		ug/kg	3.0	--	1
Carbon tetrachloride	ND		ug/kg	3.0	--	1
1,2-Dichloropropane	ND		ug/kg	6.0	--	1
Dibromochloromethane	ND		ug/kg	3.0	--	1
1,1,2-Trichloroethane	ND		ug/kg	3.0	--	1
Tetrachloroethene	ND		ug/kg	3.0	--	1
Chlorobenzene	ND		ug/kg	3.0	--	1
Trichlorofluoromethane	ND		ug/kg	7.5	--	1
1,2-Dichloroethane	ND		ug/kg	3.0	--	1
1,1,1-Trichloroethane	ND		ug/kg	3.0	--	1
Bromodichloromethane	ND		ug/kg	3.0	--	1
trans-1,3-Dichloropropene	ND		ug/kg	3.0	--	1
cis-1,3-Dichloropropene	ND		ug/kg	3.0	--	1
Bromoform	ND		ug/kg	6.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	3.0	--	1
Benzene	ND		ug/kg	3.0	--	1
Toluene	ND		ug/kg	3.0	--	1
Ethylbenzene	ND		ug/kg	3.0	--	1
Chloromethane	ND		ug/kg	7.5	--	1
Bromomethane	ND		ug/kg	3.0	--	1
Vinyl chloride	ND		ug/kg	3.0	--	1
Chloroethane	ND		ug/kg	3.0	--	1
1,1-Dichloroethene	ND		ug/kg	3.0	--	1
trans-1,2-Dichloroethene	ND		ug/kg	3.0	--	1
Trichloroethene	ND		ug/kg	3.0	--	1
1,2-Dichlorobenzene	ND		ug/kg	7.5	--	1
1,3-Dichlorobenzene	ND		ug/kg	7.5	--	1
1,4-Dichlorobenzene	ND		ug/kg	7.5	--	1
Methyl tert butyl ether	ND		ug/kg	3.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-24 Date Collected: 07/14/12 10:45

Client ID: S-12L-B005-4.0-4.5 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	6.0	--	1
o-Xylene	ND		ug/kg	6.0	--	1
Xylenes, Total	ND		ug/kg	6.0	--	1
cis-1,2-Dichloroethene	ND		ug/kg	3.0	--	1
Styrene	ND		ug/kg	6.0	--	1
Dichlorodifluoromethane	ND		ug/kg	15	--	1
Acetone	ND		ug/kg	54	--	1
Carbon disulfide	ND		ug/kg	15	--	1
2-Butanone	ND		ug/kg	15	--	1
4-Methyl-2-pentanone	ND		ug/kg	15	--	1
2-Hexanone	ND		ug/kg	15	--	1
Bromochloromethane	ND		ug/kg	7.5	--	1
1,2-Dibromoethane	ND		ug/kg	6.0	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.5	--	1
Isopropylbenzene	ND		ug/kg	3.0	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.5	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.5	--	1
Methyl Acetate	ND		ug/kg	30	--	1
Cyclohexane	ND		ug/kg	30	--	1
1,4-Dioxane	ND		ug/kg	150	--	1
Methyl cyclohexane	ND		ug/kg	6.0	--	1
Freon-113	ND		ug/kg	30	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	100		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212561-27	Date Collected:	07/13/12 00:00
Client ID:	TB-071412-02	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/24/12 13:15		
Analyst:	BN		
Percent Solids:	Results reported on an 'AS RECEIVED' basis.		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	10	--	1
1,1-Dichloroethane	ND		ug/kg	2.0	--	1
Chloroform	ND		ug/kg	2.0	--	1
Carbon tetrachloride	ND		ug/kg	2.0	--	1
1,2-Dichloropropane	ND		ug/kg	4.0	--	1
Dibromochloromethane	ND		ug/kg	2.0	--	1
1,1,2-Trichloroethane	ND		ug/kg	2.0	--	1
Tetrachloroethene	ND		ug/kg	2.0	--	1
Chlorobenzene	ND		ug/kg	2.0	--	1
Trichlorofluoromethane	ND		ug/kg	5.0	--	1
1,2-Dichloroethane	ND		ug/kg	2.0	--	1
1,1,1-Trichloroethane	ND		ug/kg	2.0	--	1
Bromodichloromethane	ND		ug/kg	2.0	--	1
trans-1,3-Dichloropropene	ND		ug/kg	2.0	--	1
cis-1,3-Dichloropropene	ND		ug/kg	2.0	--	1
Bromoform	ND		ug/kg	4.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.0	--	1
Benzene	ND		ug/kg	2.0	--	1
Toluene	ND		ug/kg	2.0	--	1
Ethylbenzene	ND		ug/kg	2.0	--	1
Chloromethane	ND		ug/kg	5.0	--	1
Bromomethane	ND		ug/kg	2.0	--	1
Vinyl chloride	ND		ug/kg	2.0	--	1
Chloroethane	ND		ug/kg	2.0	--	1
1,1-Dichloroethene	ND		ug/kg	2.0	--	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	--	1
Trichloroethene	ND		ug/kg	2.0	--	1
1,2-Dichlorobenzene	ND		ug/kg	5.0	--	1
1,3-Dichlorobenzene	ND		ug/kg	5.0	--	1
1,4-Dichlorobenzene	ND		ug/kg	5.0	--	1
Methyl tert butyl ether	ND		ug/kg	2.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-27 Date Collected: 07/13/12 00:00

Client ID: TB-071412-02 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	4.0	--	1
o-Xylene	ND		ug/kg	4.0	--	1
Xylenes, Total	ND		ug/kg	4.0	--	1
cis-1,2-Dichloroethene	ND		ug/kg	2.0	--	1
Styrene	ND		ug/kg	4.0	--	1
Dichlorodifluoromethane	ND		ug/kg	10	--	1
Acetone	ND		ug/kg	36	--	1
Carbon disulfide	ND		ug/kg	10	--	1
2-Butanone	ND		ug/kg	10	--	1
4-Methyl-2-pentanone	ND		ug/kg	10	--	1
2-Hexanone	ND		ug/kg	10	--	1
Bromochloromethane	ND		ug/kg	5.0	--	1
1,2-Dibromoethane	ND		ug/kg	4.0	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	--	1
Isopropylbenzene	ND		ug/kg	2.0	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	--	1
Methyl Acetate	ND		ug/kg	20	--	1
Cyclohexane	ND		ug/kg	20	--	1
1,4-Dioxane	ND		ug/kg	100	--	1
Methyl cyclohexane	ND		ug/kg	4.0	--	1
Freon-113	ND		ug/kg	20	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	99		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/23/12 07:29
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 07,18 Batch: WG550376-3					
Methylene chloride	ND		ug/kg	10	--
1,1-Dichloroethane	ND		ug/kg	2.0	--
Chloroform	ND		ug/kg	2.0	--
Carbon tetrachloride	ND		ug/kg	2.0	--
1,2-Dichloropropane	ND		ug/kg	4.0	--
Dibromochloromethane	ND		ug/kg	2.0	--
1,1,2-Trichloroethane	ND		ug/kg	2.0	--
Tetrachloroethene	ND		ug/kg	2.0	--
Chlorobenzene	ND		ug/kg	2.0	--
Trichlorofluoromethane	ND		ug/kg	5.0	--
1,2-Dichloroethane	ND		ug/kg	2.0	--
1,1,1-Trichloroethane	ND		ug/kg	2.0	--
Bromodichloromethane	ND		ug/kg	2.0	--
trans-1,3-Dichloropropene	ND		ug/kg	2.0	--
cis-1,3-Dichloropropene	ND		ug/kg	2.0	--
Bromoform	ND		ug/kg	4.0	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.0	--
Benzene	ND		ug/kg	2.0	--
Toluene	ND		ug/kg	2.0	--
Ethylbenzene	ND		ug/kg	2.0	--
Chloromethane	ND		ug/kg	5.0	--
Bromomethane	ND		ug/kg	2.0	--
Vinyl chloride	ND		ug/kg	2.0	--
Chloroethane	ND		ug/kg	2.0	--
1,1-Dichloroethene	ND		ug/kg	2.0	--
trans-1,2-Dichloroethene	ND		ug/kg	2.0	--
Trichloroethene	ND		ug/kg	2.0	--
1,2-Dichlorobenzene	ND		ug/kg	5.0	--
1,3-Dichlorobenzene	ND		ug/kg	5.0	--
1,4-Dichlorobenzene	ND		ug/kg	5.0	--
Methyl tert butyl ether	ND		ug/kg	2.0	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/23/12 07:29
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 07,18 Batch: WG550376-3					
p/m-Xylene	ND		ug/kg	4.0	--
o-Xylene	ND		ug/kg	4.0	--
Xylenes, Total	ND		ug/kg	4.0	--
cis-1,2-Dichloroethene	ND		ug/kg	2.0	--
Styrene	ND		ug/kg	4.0	--
Dichlorodifluoromethane	ND		ug/kg	10	--
Acetone	ND		ug/kg	36	--
Carbon disulfide	ND		ug/kg	10	--
2-Butanone	ND		ug/kg	10	--
4-Methyl-2-pentanone	ND		ug/kg	10	--
2-Hexanone	ND		ug/kg	10	--
Bromochloromethane	ND		ug/kg	5.0	--
1,2-Dibromoethane	ND		ug/kg	4.0	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	--
Isopropylbenzene	ND		ug/kg	2.0	--
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	--
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	--
Methyl Acetate	ND		ug/kg	20	--
Cyclohexane	ND		ug/kg	20	--
1,4-Dioxane	ND		ug/kg	100	--
Methyl cyclohexane	ND		ug/kg	4.0	--
Freon-113	ND		ug/kg	20	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	98		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/24/12 09:34
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 21-24,27 Batch: WG550847-3					
Methylene chloride	ND		ug/kg	10	--
1,1-Dichloroethane	ND		ug/kg	2.0	--
Chloroform	ND		ug/kg	2.0	--
Carbon tetrachloride	ND		ug/kg	2.0	--
1,2-Dichloropropane	ND		ug/kg	4.0	--
Dibromochloromethane	ND		ug/kg	2.0	--
1,1,2-Trichloroethane	ND		ug/kg	2.0	--
Tetrachloroethene	ND		ug/kg	2.0	--
Chlorobenzene	ND		ug/kg	2.0	--
Trichlorofluoromethane	ND		ug/kg	5.0	--
1,2-Dichloroethane	ND		ug/kg	2.0	--
1,1,1-Trichloroethane	ND		ug/kg	2.0	--
Bromodichloromethane	ND		ug/kg	2.0	--
trans-1,3-Dichloropropene	ND		ug/kg	2.0	--
cis-1,3-Dichloropropene	ND		ug/kg	2.0	--
Bromoform	ND		ug/kg	4.0	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.0	--
Benzene	ND		ug/kg	2.0	--
Toluene	ND		ug/kg	2.0	--
Ethylbenzene	ND		ug/kg	2.0	--
Chloromethane	ND		ug/kg	5.0	--
Bromomethane	ND		ug/kg	2.0	--
Vinyl chloride	ND		ug/kg	2.0	--
Chloroethane	ND		ug/kg	2.0	--
1,1-Dichloroethene	ND		ug/kg	2.0	--
trans-1,2-Dichloroethene	ND		ug/kg	2.0	--
Trichloroethene	ND		ug/kg	2.0	--
1,2-Dichlorobenzene	ND		ug/kg	5.0	--
1,3-Dichlorobenzene	ND		ug/kg	5.0	--
1,4-Dichlorobenzene	ND		ug/kg	5.0	--
Methyl tert butyl ether	ND		ug/kg	2.0	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/24/12 09:34
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 21-24,27 Batch: WG550847-3					
p/m-Xylene	ND		ug/kg	4.0	--
o-Xylene	ND		ug/kg	4.0	--
Xylenes, Total	ND		ug/kg	4.0	--
cis-1,2-Dichloroethene	ND		ug/kg	2.0	--
Styrene	ND		ug/kg	4.0	--
Dichlorodifluoromethane	ND		ug/kg	10	--
Acetone	ND		ug/kg	36	--
Carbon disulfide	ND		ug/kg	10	--
2-Butanone	ND		ug/kg	10	--
4-Methyl-2-pentanone	ND		ug/kg	10	--
2-Hexanone	ND		ug/kg	10	--
Bromochloromethane	ND		ug/kg	5.0	--
1,2-Dibromoethane	ND		ug/kg	4.0	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	--
Isopropylbenzene	ND		ug/kg	2.0	--
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	--
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	--
Methyl Acetate	ND		ug/kg	20	--
Cyclohexane	ND		ug/kg	20	--
1,4-Dioxane	ND		ug/kg	100	--
Methyl cyclohexane	ND		ug/kg	4.0	--
Freon-113	ND		ug/kg	20	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212561

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 07,18 Batch: WG550376-1 WG550376-2								
Methylene chloride	102		101		70-130	1		30
1,1-Dichloroethane	98		96		70-130	2		30
Chloroform	98		96		70-130	2		30
Carbon tetrachloride	100		94		70-130	6		30
1,2-Dichloropropane	99		98		70-130	1		30
Dibromochloromethane	93		95		70-130	2		30
1,1,2-Trichloroethane	94		94		70-130	0		30
Tetrachloroethene	98		94		70-130	4		30
Chlorobenzene	95		93		70-130	2		30
Trichlorofluoromethane	110		100		70-139	10		30
1,2-Dichloroethane	96		96		70-130	0		30
1,1,1-Trichloroethane	100		95		70-130	5		30
Bromodichloromethane	96		97		70-130	1		30
trans-1,3-Dichloropropene	92		93		70-130	1		30
cis-1,3-Dichloropropene	98		98		70-130	0		30
Bromoform	93		95		70-130	2		30
1,1,2,2-Tetrachloroethane	91		93		70-130	2		30
Benzene	99		95		70-130	4		30
Toluene	92		89		70-130	3		30
Ethylbenzene	95		91		70-130	4		30
Chloromethane	100		92		52-130	8		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212561

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 07,18 Batch: WG550376-1 WG550376-2								
Bromomethane	95		90		57-147	5		30
Vinyl chloride	107		98		67-130	9		30
Chloroethane	110		102		50-151	8		30
1,1-Dichloroethene	102		96		65-135	6		30
trans-1,2-Dichloroethene	102		97		70-130	5		30
Trichloroethene	100		96		70-130	4		30
1,2-Dichlorobenzene	94		94		70-130	0		30
1,3-Dichlorobenzene	94		94		70-130	0		30
1,4-Dichlorobenzene	94		94		70-130	0		30
Methyl tert butyl ether	98		98		66-130	0		30
p/m-Xylene	96		93		70-130	3		30
o-Xylene	96		94		70-130	2		30
cis-1,2-Dichloroethene	102		99		70-130	3		30
Styrene	96		94		70-130	2		30
Dichlorodifluoromethane	101		90		30-146	12		30
Acetone	118		104		54-140	13		30
Carbon disulfide	100		94		59-130	6		30
2-Butanone	98		96		70-130	2		30
4-Methyl-2-pentanone	98		100		70-130	2		30
2-Hexanone	91		91		70-130	0		30
Bromochloromethane	104		104		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212561

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 07,18 Batch: WG550376-1 WG550376-2								
1,2-Dibromoethane	94		95		70-130	1		30
1,2-Dibromo-3-chloropropane	96		102		68-130	6		30
Isopropylbenzene	93		90		70-130	3		30
1,2,3-Trichlorobenzene	97		100		70-130	3		30
1,2,4-Trichlorobenzene	98		99		70-130	1		30
Methyl Acetate	95		98		65-130	3		30
Cyclohexane	103		94		70-130	9		30
1,4-Dioxane	111		112		65-136	1		30
Methyl cyclohexane	103		94		70-130	9		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	106		96		70-130	10		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		96		70-130
Toluene-d8	96		96		70-130
4-Bromofluorobenzene	97		98		70-130
Dibromofluoromethane	98		100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212561

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 21-24,27 Batch: WG550847-1 WG550847-2								
Methylene chloride	105		98		70-130	7		30
1,1-Dichloroethane	106		100		70-130	6		30
Chloroform	105		100		70-130	5		30
Carbon tetrachloride	112		105		70-130	6		30
1,2-Dichloropropane	105		99		70-130	6		30
Dibromochloromethane	106		104		70-130	2		30
1,1,2-Trichloroethane	104		102		70-130	2		30
Tetrachloroethene	113		107		70-130	5		30
Chlorobenzene	108		104		70-130	4		30
Trichlorofluoromethane	116		106		70-139	9		30
1,2-Dichloroethane	105		100		70-130	5		30
1,1,1-Trichloroethane	110		102		70-130	8		30
Bromodichloromethane	102		98		70-130	4		30
trans-1,3-Dichloropropene	104		103		70-130	1		30
cis-1,3-Dichloropropene	102		99		70-130	3		30
Bromoform	110		107		70-130	3		30
1,1,2,2-Tetrachloroethane	108		106		70-130	2		30
Benzene	105		99		70-130	6		30
Toluene	105		101		70-130	4		30
Ethylbenzene	107		103		70-130	4		30
Chloromethane	106		99		52-130	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212561

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 21-24,27 Batch: WG550847-1 WG550847-2								
Bromomethane	136		123		57-147	10		30
Vinyl chloride	106		98		67-130	8		30
Chloroethane	110		102		50-151	8		30
1,1-Dichloroethene	107		99		65-135	8		30
trans-1,2-Dichloroethene	106		100		70-130	6		30
Trichloroethene	106		98		70-130	8		30
1,2-Dichlorobenzene	111		106		70-130	5		30
1,3-Dichlorobenzene	112		107		70-130	5		30
1,4-Dichlorobenzene	111		107		70-130	4		30
Methyl tert butyl ether	102		99		66-130	3		30
p/m-Xylene	109		105		70-130	4		30
o-Xylene	109		106		70-130	3		30
cis-1,2-Dichloroethene	104		99		70-130	5		30
Styrene	107		104		70-130	3		30
Dichlorodifluoromethane	112		104		30-146	7		30
Acetone	107		101		54-140	6		30
Carbon disulfide	105		98		59-130	7		30
2-Butanone	110		107		70-130	3		30
4-Methyl-2-pentanone	103		100		70-130	3		30
2-Hexanone	101		103		70-130	2		30
Bromochloromethane	106		102		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212561

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 21-24,27 Batch: WG550847-1 WG550847-2								
1,2-Dibromoethane	105		104		70-130	1		30
1,2-Dibromo-3-chloropropane	109		106		68-130	3		30
Isopropylbenzene	108		105		70-130	3		30
1,2,3-Trichlorobenzene	110		107		70-130	3		30
1,2,4-Trichlorobenzene	112		107		70-130	5		30
Methyl Acetate	102		100		65-130	2		30
Cyclohexane	110		101		70-130	9		30
1,4-Dioxane	108		110		65-136	2		30
Methyl cyclohexane	111		102		70-130	8		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	114		104		70-130	9		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		100		70-130
Toluene-d8	101		102		70-130
4-Bromofluorobenzene	100		100		70-130
Dibromofluoromethane	101		102		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212561
Report Date: 08/16/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 21-24,27 QC Batch ID: WG550847-4 WG550847-5 QC Sample: L1212561-24 Client ID: S-12L-B005-4.0-4.5												
Methylene chloride	ND	34.4	31	90		14	93		70-130	**76**	Q	30
1,1-Dichloroethane	ND	34.4	32	94		15	101		70-130	**72**	Q	30
Chloroform	ND	34.4	32	92		15	99		70-130	**72**	Q	30
Carbon tetrachloride	ND	34.4	31	90		16	106		70-130	**64**	Q	30
1,2-Dichloropropane	ND	34.4	31	91		14	96		70-130	**74**	Q	30
Dibromochloromethane	ND	34.4	32	94		14	94		70-130	**78**	Q	30
1,1,2-Trichloroethane	ND	34.4	35	101		15	96		70-130	**82**	Q	30
Tetrachloroethene	ND	34.4	32	94		16	106		70-130	**67**	Q	30
Chlorobenzene	ND	34.4	33	96		17	110		70-130	**66**	Q	30
Trichlorofluoromethane	ND	34.4	36	103		17	115		70-139	**69**	Q	30
1,2-Dichloroethane	ND	34.4	32	92		14	92		70-130	**78**	Q	30
1,1,1-Trichloroethane	ND	34.4	33	96		16	106		70-130	**70**	Q	30
Bromodichloromethane	ND	34.4	31	90		14	94		70-130	**74**	Q	30
trans-1,3-Dichloropropene	ND	34.4	29	85		14	91		70-130	**72**	Q	30
cis-1,3-Dichloropropene	ND	34.4	27	80		13	89		70-130	**69**	Q	30
Bromoform	ND	34.4	35	102		14	96		70-130	**84**	Q	30
1,1,2,2-Tetrachloroethane	ND	34.4	36	103		14	95		70-130	**85**	Q	30
Benzene	ND	34.4	32	92		15	100		70-130	**71**	Q	30
Toluene	ND	34.4	32	93		15	101		70-130	**71**	Q	30
Ethylbenzene	ND	34.4	31	90		15	100		70-130	**69**	Q	30
Chloromethane	ND	34.4	32	92		15	100		52-130	**72**	Q	30

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212561
Report Date: 08/16/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 21-24,27 QC Batch ID: WG550847-4 WG550847-5 QC Sample: L1212561-24 Client ID: S-12L-B005-4.0-4.5												
Bromomethane	ND	34.4	38	111		18	116		57-147	**74**	Q	30
Vinyl chloride	ND	34.4	33	95		16	104		67-130	**70**	Q	30
Chloroethane	ND	34.4	34	99		16	108		50-151	**71**	Q	30
1,1-Dichloroethene	ND	34.4	33	96		16	106		65-135	**69**	Q	30
trans-1,2-Dichloroethene	ND	34.4	31	90		15	100		70-130	**69**	Q	30
Trichloroethene	ND	34.4	32	93		15	100		70-130	**72**	Q	30
1,2-Dichlorobenzene	ND	34.4	29	84		14	92		70-130	**71**	Q	30
1,3-Dichlorobenzene	ND	34.4	34	98		17	112		70-130	**67**	Q	30
1,4-Dichlorobenzene	ND	34.4	40	115		23	**153**	Q	70-130	**53**	Q	30
Methyl tert butyl ether	ND	34.4	32	94		14	92		66-130	**80**	Q	30
p/m-Xylene	ND	68.8	62	90		30	100		70-130	**70**	Q	30
o-Xylene	ND	68.8	62	89		30	99		70-130	**70**	Q	30
cis-1,2-Dichloroethene	ND	34.4	31	91		15	98		70-130	**72**	Q	30
Styrene	ND	68.8	54	78		26	87		70-130	**69**	Q	30
Dichlorodifluoromethane	ND	34.4	34	98		16	108		30-146	**70**	Q	30
Acetone	ND	34.4	89	**258**	Q	ND	**0**	Q	54-140	NC	Q	30
Carbon disulfide	ND	34.4	35	100		18	120		59-130	**63**	Q	30
2-Butanone	ND	34.4	53	**155**	Q	17	112		70-130	**104**	Q	30
4-Methyl-2-pentanone	ND	34.4	33	96		13	85		70-130	**88**	Q	30
2-Hexanone	ND	34.4	34	99		13	85		70-130	**91**	Q	30
Bromochloromethane	ND	34.4	32	94		14	95		70-130	**77**	Q	30

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212561
Report Date: 08/16/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 21-24,27 QC Batch ID: WG550847-4 WG550847-5 QC Sample: L1212561-24 Client ID: S-12L-B005-4.0-4.5												
1,2-Dibromoethane	ND	34.4	33	96		14	92		70-130	**82**	Q	30
1,2-Dibromo-3-chloropropane	ND	34.4	38	109		13	88		68-130	**95**	Q	30
Isopropylbenzene	ND	34.4	30	87		15	98		70-130	**68**	Q	30
1,2,3-Trichlorobenzene	ND	34.4	17	**50**	Q	9.1	**60**	Q	70-130	**63**	Q	30
1,2,4-Trichlorobenzene	ND	34.4	19	**55**	Q	9.6	**64**	Q	70-130	**64**	Q	30
Methyl Acetate	ND	34.4	37	108		ND	**0**	Q	65-130	NC		30
Cyclohexane	ND	34.4	ND	**0**	Q	16	104		70-130	NC		30
1,4-Dioxane	ND	1720	2300	133		840	111		65-136	**93**	Q	30
Methyl cyclohexane	ND	34.4	33	96		16	106		70-130	**70**	Q	30
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	34.4	34	99		17	112		70-130	**67**	Q	30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		98		70-130
4-Bromofluorobenzene	109		105		70-130
Dibromofluoromethane	102		101		70-130
Toluene-d8	101		102		70-130

SEMIVOLATILES

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212561-01	Date Collected:	07/13/12 12:00
Client ID:	S-12L-B003-0.6-1.1	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 20:00
Analytical Date:	07/27/12 18:41		
Analyst:	RC		
Percent Solids:	17%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	770	--	1
Hexachlorobenzene	ND		ug/kg	580	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	960	--	1
2-Chloronaphthalene	ND		ug/kg	960	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	960	--	1
2,4-Dinitrotoluene	ND		ug/kg	960	--	1
2,6-Dinitrotoluene	ND		ug/kg	960	--	1
Fluoranthene	820		ug/kg	580	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	960	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	960	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	1200	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	960	--	1
Hexachlorobutadiene	ND		ug/kg	960	--	1
Hexachlorocyclopentadiene	ND		ug/kg	2700	--	1
Hexachloroethane	ND		ug/kg	770	--	1
Isophorone	ND		ug/kg	960	--	1
Naphthalene	ND		ug/kg	960	--	1
Nitrobenzene	ND		ug/kg	960	--	1
NDPA/DPA	ND		ug/kg	770	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	960	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	960	--	1
Butyl benzyl phthalate	ND		ug/kg	960	--	1
Di-n-butylphthalate	ND		ug/kg	960	--	1
Di-n-octylphthalate	ND		ug/kg	960	--	1
Diethyl phthalate	ND		ug/kg	960	--	1
Dimethyl phthalate	ND		ug/kg	960	--	1
Benzo(a)anthracene	ND		ug/kg	580	--	1
Benzo(a)pyrene	ND		ug/kg	770	--	1
Benzo(b)fluoranthene	ND		ug/kg	580	--	1
Benzo(k)fluoranthene	ND		ug/kg	580	--	1
Chrysene	ND		ug/kg	580	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-01 Date Collected: 07/13/12 12:00

Client ID: S-12L-B003-0.6-1.1 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	770	--	1
Anthracene	ND		ug/kg	580	--	1
Benzo(ghi)perylene	ND		ug/kg	770	--	1
Fluorene	ND		ug/kg	960	--	1
Phenanthrene	770		ug/kg	580	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	580	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	770	--	1
Pyrene	710		ug/kg	580	--	1
Biphenyl	ND		ug/kg	2100	--	1
4-Chloroaniline	ND		ug/kg	960	--	1
2-Nitroaniline	ND		ug/kg	960	--	1
3-Nitroaniline	ND		ug/kg	960	--	1
4-Nitroaniline	ND		ug/kg	960	--	1
Dibenzofuran	ND		ug/kg	960	--	1
2-Methylnaphthalene	ND		ug/kg	1200	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	960	--	1
Acetophenone	ND		ug/kg	960	--	1
2,4,6-Trichlorophenol	ND		ug/kg	580	--	1
p-Chloro-m-cresol	ND		ug/kg	960	--	1
2-Chlorophenol	ND		ug/kg	960	--	1
2,4-Dichlorophenol	ND		ug/kg	960	--	1
2,4-Dimethylphenol	ND		ug/kg	960	--	1
2-Nitrophenol	ND		ug/kg	2100	--	1
4-Nitrophenol	ND		ug/kg	1300	--	1
2,4-Dinitrophenol	ND		ug/kg	4600	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	2500	--	1
Pentachlorophenol	ND		ug/kg	770	--	1
Phenol	ND		ug/kg	960	--	1
2-Methylphenol	ND		ug/kg	960	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	1300	--	1
2,4,5-Trichlorophenol	ND		ug/kg	960	--	1
Carbazole	ND		ug/kg	960	--	1
Atrazine	ND		ug/kg	770	--	1
Benzaldehyde	2400		ug/kg	1300	--	1
Caprolactam	ND		ug/kg	960	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	960	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-01 Date Collected: 07/13/12 12:00

Client ID: S-12L-B003-0.6-1.1 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	93		25-120
Phenol-d6	95		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	89		0-136
4-Terphenyl-d14	79		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212561-02 D	Date Collected:	07/13/12 12:00
Client ID:	S-12L-B003-2.0-2.5	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 20:00
Analytical Date:	07/27/12 19:06		
Analyst:	RC		
Percent Solids:	73%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	360	--	2
Hexachlorobenzene	ND		ug/kg	270	--	2
Bis(2-chloroethyl)ether	ND		ug/kg	460	--	2
2-Chloronaphthalene	ND		ug/kg	460	--	2
3,3'-Dichlorobenzidine	ND		ug/kg	460	--	2
2,4-Dinitrotoluene	ND		ug/kg	460	--	2
2,6-Dinitrotoluene	ND		ug/kg	460	--	2
Fluoranthene	2000		ug/kg	270	--	2
4-Chlorophenyl phenyl ether	ND		ug/kg	460	--	2
4-Bromophenyl phenyl ether	ND		ug/kg	460	--	2
Bis(2-chloroisopropyl)ether	ND		ug/kg	550	--	2
Bis(2-chloroethoxy)methane	ND		ug/kg	460	--	2
Hexachlorobutadiene	ND		ug/kg	460	--	2
Hexachlorocyclopentadiene	ND		ug/kg	1300	--	2
Hexachloroethane	ND		ug/kg	360	--	2
Isophorone	ND		ug/kg	460	--	2
Naphthalene	ND		ug/kg	460	--	2
Nitrobenzene	ND		ug/kg	460	--	2
NDPA/DPA	ND		ug/kg	360	--	2
n-Nitrosodi-n-propylamine	ND		ug/kg	460	--	2
Bis(2-ethylhexyl)phthalate	ND		ug/kg	460	--	2
Butyl benzyl phthalate	ND		ug/kg	460	--	2
Di-n-butylphthalate	ND		ug/kg	460	--	2
Di-n-octylphthalate	ND		ug/kg	460	--	2
Diethyl phthalate	ND		ug/kg	460	--	2
Dimethyl phthalate	ND		ug/kg	460	--	2
Benzo(a)anthracene	630		ug/kg	270	--	2
Benzo(a)pyrene	560		ug/kg	360	--	2
Benzo(b)fluoranthene	790		ug/kg	270	--	2
Benzo(k)fluoranthene	340		ug/kg	270	--	2
Chrysene	750		ug/kg	270	--	2

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-02 D Date Collected: 07/13/12 12:00

Client ID: S-12L-B003-2.0-2.5 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	360	--	2
Anthracene	ND		ug/kg	270	--	2
Benzo(ghi)perylene	ND		ug/kg	360	--	2
Fluorene	ND		ug/kg	460	--	2
Phenanthrene	2200		ug/kg	270	--	2
Dibenzo(a,h)anthracene	ND		ug/kg	270	--	2
Indeno(1,2,3-cd)pyrene	390		ug/kg	360	--	2
Pyrene	1600		ug/kg	270	--	2
Biphenyl	ND		ug/kg	1000	--	2
4-Chloroaniline	ND		ug/kg	460	--	2
2-Nitroaniline	ND		ug/kg	460	--	2
3-Nitroaniline	ND		ug/kg	460	--	2
4-Nitroaniline	ND		ug/kg	460	--	2
Dibenzofuran	ND		ug/kg	460	--	2
2-Methylnaphthalene	ND		ug/kg	550	--	2
1,2,4,5-Tetrachlorobenzene	1300		ug/kg	460	--	2
Acetophenone	ND		ug/kg	460	--	2
2,4,6-Trichlorophenol	ND		ug/kg	270	--	2
p-Chloro-m-cresol	ND		ug/kg	460	--	2
2-Chlorophenol	ND		ug/kg	460	--	2
2,4-Dichlorophenol	ND		ug/kg	460	--	2
2,4-Dimethylphenol	ND		ug/kg	460	--	2
2-Nitrophenol	ND		ug/kg	1000	--	2
4-Nitrophenol	ND		ug/kg	640	--	2
2,4-Dinitrophenol	ND		ug/kg	2200	--	2
4,6-Dinitro-o-cresol	ND		ug/kg	1200	--	2
Pentachlorophenol	ND		ug/kg	360	--	2
Phenol	ND		ug/kg	460	--	2
2-Methylphenol	ND		ug/kg	460	--	2
3-Methylphenol/4-Methylphenol	ND		ug/kg	640	--	2
2,4,5-Trichlorophenol	ND		ug/kg	460	--	2
Carbazole	ND		ug/kg	460	--	2
Atrazine	ND		ug/kg	360	--	2
Benzaldehyde	2500		ug/kg	640	--	2
Caprolactam	ND		ug/kg	460	--	2
2,3,4,6-Tetrachlorophenol	ND		ug/kg	460	--	2

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-02 D Date Collected: 07/13/12 12:00

Client ID: S-12L-B003-2.0-2.5 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	91		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	109		0-136
4-Terphenyl-d14	107		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212561-03 D	Date Collected:	07/13/12 12:00
Client ID:	S-12L-B003-2.0-2.5 REP	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 20:00
Analytical Date:	07/27/12 19:31		
Analyst:	RC		
Percent Solids:	84%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	310	--	2
Hexachlorobenzene	ND		ug/kg	240	--	2
Bis(2-chloroethyl)ether	ND		ug/kg	390	--	2
2-Chloronaphthalene	ND		ug/kg	390	--	2
3,3'-Dichlorobenzidine	ND		ug/kg	390	--	2
2,4-Dinitrotoluene	ND		ug/kg	390	--	2
2,6-Dinitrotoluene	ND		ug/kg	390	--	2
Fluoranthene	270		ug/kg	240	--	2
4-Chlorophenyl phenyl ether	ND		ug/kg	390	--	2
4-Bromophenyl phenyl ether	ND		ug/kg	390	--	2
Bis(2-chloroisopropyl)ether	ND		ug/kg	470	--	2
Bis(2-chloroethoxy)methane	ND		ug/kg	390	--	2
Hexachlorobutadiene	ND		ug/kg	390	--	2
Hexachlorocyclopentadiene	ND		ug/kg	1100	--	2
Hexachloroethane	ND		ug/kg	310	--	2
Isophorone	ND		ug/kg	390	--	2
Naphthalene	ND		ug/kg	390	--	2
Nitrobenzene	ND		ug/kg	390	--	2
NDPA/DPA	ND		ug/kg	310	--	2
n-Nitrosodi-n-propylamine	ND		ug/kg	390	--	2
Bis(2-ethylhexyl)phthalate	400		ug/kg	390	--	2
Butyl benzyl phthalate	ND		ug/kg	390	--	2
Di-n-butylphthalate	ND		ug/kg	390	--	2
Di-n-octylphthalate	ND		ug/kg	390	--	2
Diethyl phthalate	ND		ug/kg	390	--	2
Dimethyl phthalate	ND		ug/kg	390	--	2
Benzo(a)anthracene	ND		ug/kg	240	--	2
Benzo(a)pyrene	ND		ug/kg	310	--	2
Benzo(b)fluoranthene	ND		ug/kg	240	--	2
Benzo(k)fluoranthene	ND		ug/kg	240	--	2
Chrysene	ND		ug/kg	240	--	2

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-03 D
Client ID: S-12L-B003-2.0-2.5 REP
Sample Location: NEW BEDFORD, MA

Date Collected: 07/13/12 12:00
Date Received: 07/14/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	310	--	2
Anthracene	ND		ug/kg	240	--	2
Benzo(ghi)perylene	ND		ug/kg	310	--	2
Fluorene	ND		ug/kg	390	--	2
Phenanthrene	260		ug/kg	240	--	2
Dibenzo(a,h)anthracene	ND		ug/kg	240	--	2
Indeno(1,2,3-cd)pyrene	ND		ug/kg	310	--	2
Pyrene	ND		ug/kg	240	--	2
Biphenyl	ND		ug/kg	860	--	2
4-Chloroaniline	ND		ug/kg	390	--	2
2-Nitroaniline	ND		ug/kg	390	--	2
3-Nitroaniline	ND		ug/kg	390	--	2
4-Nitroaniline	ND		ug/kg	390	--	2
Dibenzofuran	ND		ug/kg	390	--	2
2-Methylnaphthalene	ND		ug/kg	470	--	2
1,2,4,5-Tetrachlorobenzene	1000		ug/kg	390	--	2
Acetophenone	ND		ug/kg	390	--	2
2,4,6-Trichlorophenol	ND		ug/kg	240	--	2
p-Chloro-m-cresol	ND		ug/kg	390	--	2
2-Chlorophenol	ND		ug/kg	390	--	2
2,4-Dichlorophenol	ND		ug/kg	390	--	2
2,4-Dimethylphenol	ND		ug/kg	390	--	2
2-Nitrophenol	ND		ug/kg	860	--	2
4-Nitrophenol	ND		ug/kg	550	--	2
2,4-Dinitrophenol	ND		ug/kg	1900	--	2
4,6-Dinitro-o-cresol	ND		ug/kg	1000	--	2
Pentachlorophenol	ND		ug/kg	310	--	2
Phenol	ND		ug/kg	390	--	2
2-Methylphenol	ND		ug/kg	390	--	2
3-Methylphenol/4-Methylphenol	ND		ug/kg	550	--	2
2,4,5-Trichlorophenol	ND		ug/kg	390	--	2
Carbazole	ND		ug/kg	390	--	2
Atrazine	ND		ug/kg	310	--	2
Benzaldehyde	ND		ug/kg	550	--	2
Caprolactam	ND		ug/kg	390	--	2
2,3,4,6-Tetrachlorophenol	ND		ug/kg	390	--	2

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-03 D
Client ID: S-12L-B003-2.0-2.5 REP
Sample Location: NEW BEDFORD, MA

Date Collected: 07/13/12 12:00
Date Received: 07/14/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	47		0-136
4-Terphenyl-d14	47		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212561-04 D	Date Collected:	07/13/12 12:15
Client ID:	S-12L-B003-3.5-4.0	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 20:00
Analytical Date:	07/27/12 19:57		
Analyst:	RC		
Percent Solids:	92%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	560	--	4
Hexachlorobenzene	ND		ug/kg	420	--	4
Bis(2-chloroethyl)ether	ND		ug/kg	700	--	4
2-Chloronaphthalene	ND		ug/kg	700	--	4
3,3'-Dichlorobenzidine	ND		ug/kg	700	--	4
2,4-Dinitrotoluene	ND		ug/kg	700	--	4
2,6-Dinitrotoluene	ND		ug/kg	700	--	4
Fluoranthene	ND		ug/kg	420	--	4
4-Chlorophenyl phenyl ether	ND		ug/kg	700	--	4
4-Bromophenyl phenyl ether	ND		ug/kg	700	--	4
Bis(2-chloroisopropyl)ether	ND		ug/kg	850	--	4
Bis(2-chloroethoxy)methane	ND		ug/kg	700	--	4
Hexachlorobutadiene	ND		ug/kg	700	--	4
Hexachlorocyclopentadiene	ND		ug/kg	2000	--	4
Hexachloroethane	ND		ug/kg	560	--	4
Isophorone	ND		ug/kg	700	--	4
Naphthalene	ND		ug/kg	700	--	4
Nitrobenzene	ND		ug/kg	700	--	4
NDPA/DPA	ND		ug/kg	560	--	4
n-Nitrosodi-n-propylamine	ND		ug/kg	700	--	4
Bis(2-ethylhexyl)phthalate	ND		ug/kg	700	--	4
Butyl benzyl phthalate	ND		ug/kg	700	--	4
Di-n-butylphthalate	ND		ug/kg	700	--	4
Di-n-octylphthalate	ND		ug/kg	700	--	4
Diethyl phthalate	ND		ug/kg	700	--	4
Dimethyl phthalate	ND		ug/kg	700	--	4
Benzo(a)anthracene	ND		ug/kg	420	--	4
Benzo(a)pyrene	ND		ug/kg	560	--	4
Benzo(b)fluoranthene	ND		ug/kg	420	--	4
Benzo(k)fluoranthene	ND		ug/kg	420	--	4
Chrysene	ND		ug/kg	420	--	4

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-04 D Date Collected: 07/13/12 12:15

Client ID: S-12L-B003-3.5-4.0 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	560	--	4
Anthracene	ND		ug/kg	420	--	4
Benzo(ghi)perylene	ND		ug/kg	560	--	4
Fluorene	ND		ug/kg	700	--	4
Phenanthrene	ND		ug/kg	420	--	4
Dibenzo(a,h)anthracene	ND		ug/kg	420	--	4
Indeno(1,2,3-cd)pyrene	ND		ug/kg	560	--	4
Pyrene	ND		ug/kg	420	--	4
Biphenyl	ND		ug/kg	1600	--	4
4-Chloroaniline	ND		ug/kg	700	--	4
2-Nitroaniline	ND		ug/kg	700	--	4
3-Nitroaniline	ND		ug/kg	700	--	4
4-Nitroaniline	ND		ug/kg	700	--	4
Dibenzofuran	ND		ug/kg	700	--	4
2-Methylnaphthalene	ND		ug/kg	850	--	4
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	700	--	4
Acetophenone	ND		ug/kg	700	--	4
2,4,6-Trichlorophenol	ND		ug/kg	420	--	4
p-Chloro-m-cresol	ND		ug/kg	700	--	4
2-Chlorophenol	ND		ug/kg	700	--	4
2,4-Dichlorophenol	ND		ug/kg	700	--	4
2,4-Dimethylphenol	ND		ug/kg	700	--	4
2-Nitrophenol	ND		ug/kg	1600	--	4
4-Nitrophenol	ND		ug/kg	990	--	4
2,4-Dinitrophenol	ND		ug/kg	3400	--	4
4,6-Dinitro-o-cresol	ND		ug/kg	1800	--	4
Pentachlorophenol	ND		ug/kg	560	--	4
Phenol	ND		ug/kg	700	--	4
2-Methylphenol	ND		ug/kg	700	--	4
3-Methylphenol/4-Methylphenol	ND		ug/kg	990	--	4
2,4,5-Trichlorophenol	ND		ug/kg	700	--	4
Carbazole	ND		ug/kg	700	--	4
Atrazine	ND		ug/kg	560	--	4
Benzaldehyde	ND		ug/kg	990	--	4
Caprolactam	ND		ug/kg	700	--	4
2,3,4,6-Tetrachlorophenol	ND		ug/kg	700	--	4

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-04 D Date Collected: 07/13/12 12:15

Client ID: S-12L-B003-3.5-4.0 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	28		25-120
Phenol-d6	57		10-120
Nitrobenzene-d5	36		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	99		0-136
4-Terphenyl-d14	97		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212561-05 D	Date Collected:	07/13/12 12:15
Client ID:	S-12L-B003-4.5-5.0	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 20:00
Analytical Date:	07/27/12 20:22		
Analyst:	RC		
Percent Solids:	92%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	1100	--	8
Hexachlorobenzene	ND		ug/kg	840	--	8
Bis(2-chloroethyl)ether	ND		ug/kg	1400	--	8
2-Chloronaphthalene	ND		ug/kg	1400	--	8
3,3'-Dichlorobenzidine	ND		ug/kg	1400	--	8
2,4-Dinitrotoluene	ND		ug/kg	1400	--	8
2,6-Dinitrotoluene	ND		ug/kg	1400	--	8
Fluoranthene	ND		ug/kg	840	--	8
4-Chlorophenyl phenyl ether	ND		ug/kg	1400	--	8
4-Bromophenyl phenyl ether	ND		ug/kg	1400	--	8
Bis(2-chloroisopropyl)ether	ND		ug/kg	1700	--	8
Bis(2-chloroethoxy)methane	ND		ug/kg	1400	--	8
Hexachlorobutadiene	ND		ug/kg	1400	--	8
Hexachlorocyclopentadiene	ND		ug/kg	3900	--	8
Hexachloroethane	ND		ug/kg	1100	--	8
Isophorone	ND		ug/kg	1400	--	8
Naphthalene	ND		ug/kg	1400	--	8
Nitrobenzene	ND		ug/kg	1400	--	8
NDPA/DPA	ND		ug/kg	1100	--	8
n-Nitrosodi-n-propylamine	ND		ug/kg	1400	--	8
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1400	--	8
Butyl benzyl phthalate	ND		ug/kg	1400	--	8
Di-n-butylphthalate	ND		ug/kg	1400	--	8
Di-n-octylphthalate	ND		ug/kg	1400	--	8
Diethyl phthalate	ND		ug/kg	1400	--	8
Dimethyl phthalate	ND		ug/kg	1400	--	8
Benzo(a)anthracene	ND		ug/kg	840	--	8
Benzo(a)pyrene	ND		ug/kg	1100	--	8
Benzo(b)fluoranthene	ND		ug/kg	840	--	8
Benzo(k)fluoranthene	ND		ug/kg	840	--	8
Chrysene	ND		ug/kg	840	--	8

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-05 D Date Collected: 07/13/12 12:15

Client ID: S-12L-B003-4.5-5.0 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	1100	--	8
Anthracene	ND		ug/kg	840	--	8
Benzo(ghi)perylene	ND		ug/kg	1100	--	8
Fluorene	ND		ug/kg	1400	--	8
Phenanthrene	ND		ug/kg	840	--	8
Dibenzo(a,h)anthracene	ND		ug/kg	840	--	8
Indeno(1,2,3-cd)pyrene	ND		ug/kg	1100	--	8
Pyrene	ND		ug/kg	840	--	8
Biphenyl	ND		ug/kg	3100	--	8
4-Chloroaniline	ND		ug/kg	1400	--	8
2-Nitroaniline	ND		ug/kg	1400	--	8
3-Nitroaniline	ND		ug/kg	1400	--	8
4-Nitroaniline	ND		ug/kg	1400	--	8
Dibenzofuran	ND		ug/kg	1400	--	8
2-Methylnaphthalene	ND		ug/kg	1700	--	8
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1400	--	8
Acetophenone	ND		ug/kg	1400	--	8
2,4,6-Trichlorophenol	ND		ug/kg	840	--	8
p-Chloro-m-cresol	ND		ug/kg	1400	--	8
2-Chlorophenol	ND		ug/kg	1400	--	8
2,4-Dichlorophenol	ND		ug/kg	1400	--	8
2,4-Dimethylphenol	ND		ug/kg	1400	--	8
2-Nitrophenol	ND		ug/kg	3100	--	8
4-Nitrophenol	ND		ug/kg	2000	--	8
2,4-Dinitrophenol	ND		ug/kg	6800	--	8
4,6-Dinitro-o-cresol	ND		ug/kg	3700	--	8
Pentachlorophenol	ND		ug/kg	1100	--	8
Phenol	ND		ug/kg	1400	--	8
2-Methylphenol	ND		ug/kg	1400	--	8
3-Methylphenol/4-Methylphenol	ND		ug/kg	2000	--	8
2,4,5-Trichlorophenol	ND		ug/kg	1400	--	8
Carbazole	ND		ug/kg	1400	--	8
Atrazine	ND		ug/kg	1100	--	8
Benzaldehyde	ND		ug/kg	2000	--	8
Caprolactam	ND		ug/kg	1400	--	8
2,3,4,6-Tetrachlorophenol	ND		ug/kg	1400	--	8

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-05 D
Client ID: S-12L-B003-4.5-5.0
Sample Location: NEW BEDFORD, MA

Date Collected: 07/13/12 12:15
Date Received: 07/14/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	94		0-136
4-Terphenyl-d14	91		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212561-06	Date Collected:	07/13/12 12:30
Client ID:	S-12L-B003-9.0-9.5	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 20:00
Analytical Date:	07/27/12 20:46		
Analyst:	RC		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	--	1
2-Chloronaphthalene	ND		ug/kg	180	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	--	1
2,4-Dinitrotoluene	ND		ug/kg	180	--	1
2,6-Dinitrotoluene	ND		ug/kg	180	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	--	1
Hexachlorobutadiene	ND		ug/kg	180	--	1
Hexachlorocyclopentadiene	ND		ug/kg	500	--	1
Hexachloroethane	ND		ug/kg	140	--	1
Isophorone	ND		ug/kg	180	--	1
Naphthalene	ND		ug/kg	180	--	1
Nitrobenzene	ND		ug/kg	180	--	1
NDPA/DPA	ND		ug/kg	140	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	--	1
Butyl benzyl phthalate	ND		ug/kg	180	--	1
Di-n-butylphthalate	ND		ug/kg	180	--	1
Di-n-octylphthalate	ND		ug/kg	180	--	1
Diethyl phthalate	ND		ug/kg	180	--	1
Dimethyl phthalate	ND		ug/kg	180	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	140	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-06 Date Collected: 07/13/12 12:30

Client ID: S-12L-B003-9.0-9.5 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	140	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	140	--	1
Fluorene	ND		ug/kg	180	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	400	--	1
4-Chloroaniline	ND		ug/kg	180	--	1
2-Nitroaniline	ND		ug/kg	180	--	1
3-Nitroaniline	ND		ug/kg	180	--	1
4-Nitroaniline	ND		ug/kg	180	--	1
Dibenzofuran	ND		ug/kg	180	--	1
2-Methylnaphthalene	ND		ug/kg	220	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	--	1
Acetophenone	ND		ug/kg	180	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	180	--	1
2-Chlorophenol	ND		ug/kg	180	--	1
2,4-Dichlorophenol	ND		ug/kg	180	--	1
2,4-Dimethylphenol	ND		ug/kg	180	--	1
2-Nitrophenol	ND		ug/kg	400	--	1
4-Nitrophenol	ND		ug/kg	250	--	1
2,4-Dinitrophenol	ND		ug/kg	860	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	--	1
Pentachlorophenol	ND		ug/kg	140	--	1
Phenol	ND		ug/kg	180	--	1
2-Methylphenol	ND		ug/kg	180	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	--	1
2,4,5-Trichlorophenol	ND		ug/kg	180	--	1
Carbazole	ND		ug/kg	180	--	1
Atrazine	ND		ug/kg	140	--	1
Benzaldehyde	ND		ug/kg	250	--	1
Caprolactam	ND		ug/kg	180	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-06 Date Collected: 07/13/12 12:30

Client ID: S-12L-B003-9.0-9.5 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	89		25-120
Phenol-d6	89		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	90		0-136
4-Terphenyl-d14	89		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212561-07	Date Collected:	07/13/12 14:00
Client ID:	S-12L-B003-14.5-15.0	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 20:00
Analytical Date:	07/28/12 22:52		
Analyst:	RC		
Percent Solids:	92%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	--	1
Hexachlorobenzene	ND		ug/kg	100	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	--	1
2-Chloronaphthalene	ND		ug/kg	180	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	--	1
2,4-Dinitrotoluene	ND		ug/kg	180	--	1
2,6-Dinitrotoluene	ND		ug/kg	180	--	1
Fluoranthene	ND		ug/kg	100	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	--	1
Hexachlorobutadiene	ND		ug/kg	180	--	1
Hexachlorocyclopentadiene	ND		ug/kg	490	--	1
Hexachloroethane	ND		ug/kg	140	--	1
Isophorone	ND		ug/kg	180	--	1
Naphthalene	ND		ug/kg	180	--	1
Nitrobenzene	ND		ug/kg	180	--	1
NDPA/DPA	ND		ug/kg	140	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	--	1
Butyl benzyl phthalate	ND		ug/kg	180	--	1
Di-n-butylphthalate	ND		ug/kg	180	--	1
Di-n-octylphthalate	ND		ug/kg	180	--	1
Diethyl phthalate	ND		ug/kg	180	--	1
Dimethyl phthalate	ND		ug/kg	180	--	1
Benzo(a)anthracene	ND		ug/kg	100	--	1
Benzo(a)pyrene	ND		ug/kg	140	--	1
Benzo(b)fluoranthene	ND		ug/kg	100	--	1
Benzo(k)fluoranthene	ND		ug/kg	100	--	1
Chrysene	ND		ug/kg	100	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-07 Date Collected: 07/13/12 14:00

Client ID: S-12L-B003-14.5-15.0 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	140	--	1
Anthracene	ND		ug/kg	100	--	1
Benzo(ghi)perylene	ND		ug/kg	140	--	1
Fluorene	ND		ug/kg	180	--	1
Phenanthrene	ND		ug/kg	100	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	--	1
Pyrene	ND		ug/kg	100	--	1
Biphenyl	ND		ug/kg	390	--	1
4-Chloroaniline	ND		ug/kg	180	--	1
2-Nitroaniline	ND		ug/kg	180	--	1
3-Nitroaniline	ND		ug/kg	180	--	1
4-Nitroaniline	ND		ug/kg	180	--	1
Dibenzofuran	ND		ug/kg	180	--	1
2-Methylnaphthalene	ND		ug/kg	210	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	--	1
Acetophenone	ND		ug/kg	180	--	1
2,4,6-Trichlorophenol	ND		ug/kg	100	--	1
p-Chloro-m-cresol	ND		ug/kg	180	--	1
2-Chlorophenol	ND		ug/kg	180	--	1
2,4-Dichlorophenol	ND		ug/kg	180	--	1
2,4-Dimethylphenol	ND		ug/kg	180	--	1
2-Nitrophenol	ND		ug/kg	390	--	1
4-Nitrophenol	ND		ug/kg	250	--	1
2,4-Dinitrophenol	ND		ug/kg	840	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	--	1
Pentachlorophenol	ND		ug/kg	140	--	1
Phenol	ND		ug/kg	180	--	1
2-Methylphenol	ND		ug/kg	180	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	--	1
2,4,5-Trichlorophenol	ND		ug/kg	180	--	1
Carbazole	ND		ug/kg	180	--	1
Atrazine	ND		ug/kg	140	--	1
Benzaldehyde	ND		ug/kg	250	--	1
Caprolactam	ND		ug/kg	180	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-07 Date Collected: 07/13/12 14:00

Client ID: S-12L-B003-14.5-15.0 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	72		0-136
4-Terphenyl-d14	86		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212561-08	Date Collected:	07/13/12 14:35
Client ID:	S-12L-B003-19.5-20.0	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 20:00
Analytical Date:	07/27/12 21:36		
Analyst:	RC		
Percent Solids:	92%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	--	1
2-Chloronaphthalene	ND		ug/kg	180	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	--	1
2,4-Dinitrotoluene	ND		ug/kg	180	--	1
2,6-Dinitrotoluene	ND		ug/kg	180	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	--	1
Hexachlorobutadiene	ND		ug/kg	180	--	1
Hexachlorocyclopentadiene	ND		ug/kg	500	--	1
Hexachloroethane	ND		ug/kg	140	--	1
Isophorone	ND		ug/kg	180	--	1
Naphthalene	ND		ug/kg	180	--	1
Nitrobenzene	ND		ug/kg	180	--	1
NDPA/DPA	ND		ug/kg	140	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	--	1
Butyl benzyl phthalate	ND		ug/kg	180	--	1
Di-n-butylphthalate	ND		ug/kg	180	--	1
Di-n-octylphthalate	ND		ug/kg	180	--	1
Diethyl phthalate	ND		ug/kg	180	--	1
Dimethyl phthalate	ND		ug/kg	180	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	140	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-08 Date Collected: 07/13/12 14:35

Client ID: S-12L-B003-19.5-20.0 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	140	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	140	--	1
Fluorene	ND		ug/kg	180	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	390	--	1
4-Chloroaniline	ND		ug/kg	180	--	1
2-Nitroaniline	ND		ug/kg	180	--	1
3-Nitroaniline	ND		ug/kg	180	--	1
4-Nitroaniline	ND		ug/kg	180	--	1
Dibenzofuran	ND		ug/kg	180	--	1
2-Methylnaphthalene	ND		ug/kg	210	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	--	1
Acetophenone	ND		ug/kg	180	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	180	--	1
2-Chlorophenol	ND		ug/kg	180	--	1
2,4-Dichlorophenol	ND		ug/kg	180	--	1
2,4-Dimethylphenol	ND		ug/kg	180	--	1
2-Nitrophenol	ND		ug/kg	390	--	1
4-Nitrophenol	ND		ug/kg	250	--	1
2,4-Dinitrophenol	ND		ug/kg	850	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	--	1
Pentachlorophenol	ND		ug/kg	140	--	1
Phenol	ND		ug/kg	180	--	1
2-Methylphenol	ND		ug/kg	180	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	--	1
2,4,5-Trichlorophenol	ND		ug/kg	180	--	1
Carbazole	ND		ug/kg	180	--	1
Atrazine	ND		ug/kg	140	--	1
Benzaldehyde	ND		ug/kg	250	--	1
Caprolactam	ND		ug/kg	180	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-08 Date Collected: 07/13/12 14:35

Client ID: S-12L-B003-19.5-20.0 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	82		0-136
4-Terphenyl-d14	88		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212561-09	Date Collected:	07/13/12 15:15
Client ID:	S-12L-B003-21.5-22.0	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 20:00
Analytical Date:	07/27/12 22:01		
Analyst:	RC		
Percent Solids:	91%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	--	1
2-Chloronaphthalene	ND		ug/kg	180	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	--	1
2,4-Dinitrotoluene	ND		ug/kg	180	--	1
2,6-Dinitrotoluene	ND		ug/kg	180	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	--	1
Hexachlorobutadiene	ND		ug/kg	180	--	1
Hexachlorocyclopentadiene	ND		ug/kg	510	--	1
Hexachloroethane	ND		ug/kg	150	--	1
Isophorone	ND		ug/kg	180	--	1
Naphthalene	ND		ug/kg	180	--	1
Nitrobenzene	ND		ug/kg	180	--	1
NDPA/DPA	ND		ug/kg	150	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	--	1
Butyl benzyl phthalate	ND		ug/kg	180	--	1
Di-n-butylphthalate	ND		ug/kg	180	--	1
Di-n-octylphthalate	ND		ug/kg	180	--	1
Diethyl phthalate	ND		ug/kg	180	--	1
Dimethyl phthalate	ND		ug/kg	180	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	150	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-09 Date Collected: 07/13/12 15:15

Client ID: S-12L-B003-21.5-22.0 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	150	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	150	--	1
Fluorene	ND		ug/kg	180	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	400	--	1
4-Chloroaniline	ND		ug/kg	180	--	1
2-Nitroaniline	ND		ug/kg	180	--	1
3-Nitroaniline	ND		ug/kg	180	--	1
4-Nitroaniline	ND		ug/kg	180	--	1
Dibenzofuran	ND		ug/kg	180	--	1
2-Methylnaphthalene	ND		ug/kg	220	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	--	1
Acetophenone	ND		ug/kg	180	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	180	--	1
2-Chlorophenol	ND		ug/kg	180	--	1
2,4-Dichlorophenol	ND		ug/kg	180	--	1
2,4-Dimethylphenol	ND		ug/kg	180	--	1
2-Nitrophenol	ND		ug/kg	400	--	1
4-Nitrophenol	ND		ug/kg	260	--	1
2,4-Dinitrophenol	ND		ug/kg	880	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	--	1
Pentachlorophenol	ND		ug/kg	150	--	1
Phenol	ND		ug/kg	180	--	1
2-Methylphenol	ND		ug/kg	180	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	--	1
2,4,5-Trichlorophenol	ND		ug/kg	180	--	1
Carbazole	ND		ug/kg	180	--	1
Atrazine	ND		ug/kg	150	--	1
Benzaldehyde	ND		ug/kg	260	--	1
Caprolactam	ND		ug/kg	180	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-09 Date Collected: 07/13/12 15:15

Client ID: S-12L-B003-21.5-22.0 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		25-120
Phenol-d6	51		10-120
Nitrobenzene-d5	44		23-120
2-Fluorobiphenyl	56		30-120
2,4,6-Tribromophenol	74		0-136
4-Terphenyl-d14	66		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212561-10	Date Collected:	07/13/12 15:15
Client ID:	S-12L-B003-22.5-23.0	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 20:00
Analytical Date:	07/27/12 22:26		
Analyst:	RC		
Percent Solids:	79%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	--	1
Hexachlorobenzene	ND		ug/kg	120	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	--	1
2-Chloronaphthalene	ND		ug/kg	200	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	--	1
2,4-Dinitrotoluene	ND		ug/kg	200	--	1
2,6-Dinitrotoluene	ND		ug/kg	200	--	1
Fluoranthene	ND		ug/kg	120	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	--	1
Hexachlorobutadiene	ND		ug/kg	200	--	1
Hexachlorocyclopentadiene	ND		ug/kg	570	--	1
Hexachloroethane	ND		ug/kg	160	--	1
Isophorone	ND		ug/kg	200	--	1
Naphthalene	ND		ug/kg	200	--	1
Nitrobenzene	ND		ug/kg	200	--	1
NDPA/DPA	ND		ug/kg	160	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	--	1
Butyl benzyl phthalate	ND		ug/kg	200	--	1
Di-n-butylphthalate	ND		ug/kg	200	--	1
Di-n-octylphthalate	ND		ug/kg	200	--	1
Diethyl phthalate	ND		ug/kg	200	--	1
Dimethyl phthalate	ND		ug/kg	200	--	1
Benzo(a)anthracene	ND		ug/kg	120	--	1
Benzo(a)pyrene	ND		ug/kg	160	--	1
Benzo(b)fluoranthene	ND		ug/kg	120	--	1
Benzo(k)fluoranthene	ND		ug/kg	120	--	1
Chrysene	ND		ug/kg	120	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-10 Date Collected: 07/13/12 15:15

Client ID: S-12L-B003-22.5-23.0 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	160	--	1
Anthracene	ND		ug/kg	120	--	1
Benzo(ghi)perylene	ND		ug/kg	160	--	1
Fluorene	ND		ug/kg	200	--	1
Phenanthrene	ND		ug/kg	120	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	--	1
Pyrene	ND		ug/kg	120	--	1
Biphenyl	ND		ug/kg	450	--	1
4-Chloroaniline	ND		ug/kg	200	--	1
2-Nitroaniline	ND		ug/kg	200	--	1
3-Nitroaniline	ND		ug/kg	200	--	1
4-Nitroaniline	ND		ug/kg	200	--	1
Dibenzofuran	ND		ug/kg	200	--	1
2-Methylnaphthalene	ND		ug/kg	250	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	--	1
Acetophenone	ND		ug/kg	200	--	1
2,4,6-Trichlorophenol	ND		ug/kg	120	--	1
p-Chloro-m-cresol	ND		ug/kg	200	--	1
2-Chlorophenol	ND		ug/kg	200	--	1
2,4-Dichlorophenol	ND		ug/kg	200	--	1
2,4-Dimethylphenol	ND		ug/kg	200	--	1
2-Nitrophenol	ND		ug/kg	450	--	1
4-Nitrophenol	ND		ug/kg	290	--	1
2,4-Dinitrophenol	ND		ug/kg	980	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	--	1
Pentachlorophenol	ND		ug/kg	160	--	1
Phenol	ND		ug/kg	200	--	1
2-Methylphenol	ND		ug/kg	200	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	--	1
2,4,5-Trichlorophenol	ND		ug/kg	200	--	1
Carbazole	ND		ug/kg	200	--	1
Atrazine	ND		ug/kg	160	--	1
Benzaldehyde	ND		ug/kg	290	--	1
Caprolactam	ND		ug/kg	200	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-10 Date Collected: 07/13/12 15:15

Client ID: S-12L-B003-22.5-23.0 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	98		0-136
4-Terphenyl-d14	88		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212561-11	Date Collected:	07/14/12 08:15
Client ID:	EB-071412-01	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8270D	Extraction Date:	07/17/12 12:58
Analytical Date:	07/22/12 20:13		
Analyst:	JB		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/l	1.9	--	1
Hexachlorobenzene	ND		ug/l	1.9	--	1
Bis(2-chloroethyl)ether	ND		ug/l	1.9	--	1
2-Chloronaphthalene	ND		ug/l	1.9	--	1
3,3'-Dichlorobenzidine	ND		ug/l	4.8	--	1
2,4-Dinitrotoluene	ND		ug/l	4.8	--	1
2,6-Dinitrotoluene	ND		ug/l	4.8	--	1
Fluoranthene	ND		ug/l	1.9	--	1
4-Chlorophenyl phenyl ether	ND		ug/l	1.9	--	1
4-Bromophenyl phenyl ether	ND		ug/l	1.9	--	1
Bis(2-chloroisopropyl)ether	ND		ug/l	1.9	--	1
Bis(2-chloroethoxy)methane	ND		ug/l	4.8	--	1
Hexachlorobutadiene	ND		ug/l	1.9	--	1
Hexachlorocyclopentadiene	ND		ug/l	19	--	1
Hexachloroethane	ND		ug/l	1.9	--	1
Isophorone	ND		ug/l	4.8	--	1
Naphthalene	ND		ug/l	1.9	--	1
Nitrobenzene	ND		ug/l	1.9	--	1
NDPA/DPA	ND		ug/l	1.9	--	1
n-Nitrosodi-n-propylamine	ND		ug/l	4.8	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	2.9	--	1
Butyl benzyl phthalate	ND		ug/l	4.8	--	1
Di-n-butylphthalate	ND		ug/l	4.8	--	1
Di-n-octylphthalate	ND		ug/l	4.8	--	1
Diethyl phthalate	ND		ug/l	4.8	--	1
Dimethyl phthalate	ND		ug/l	4.8	--	1
Benzo(a)anthracene	ND		ug/l	1.9	--	1
Benzo(a)pyrene	ND		ug/l	1.9	--	1
Benzo(b)fluoranthene	ND		ug/l	1.9	--	1
Benzo(k)fluoranthene	ND		ug/l	1.9	--	1
Chrysene	ND		ug/l	1.9	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-11 Date Collected: 07/14/12 08:15

Client ID: EB-071412-01 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/l	1.9	--	1
Anthracene	ND		ug/l	1.9	--	1
Benzo(ghi)perylene	ND		ug/l	1.9	--	1
Fluorene	ND		ug/l	1.9	--	1
Phenanthrene	ND		ug/l	1.9	--	1
Dibenzo(a,h)anthracene	ND		ug/l	1.9	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	1.9	--	1
Pyrene	ND		ug/l	1.9	--	1
Biphenyl	ND		ug/l	1.9	--	1
4-Chloroaniline	ND		ug/l	4.8	--	1
2-Nitroaniline	ND		ug/l	4.8	--	1
3-Nitroaniline	ND		ug/l	4.8	--	1
4-Nitroaniline	ND		ug/l	4.8	--	1
Dibenzofuran	ND		ug/l	1.9	--	1
2-Methylnaphthalene	ND		ug/l	1.9	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	9.6	--	1
Acetophenone	ND		ug/l	4.8	--	1
2,4,6-Trichlorophenol	ND		ug/l	4.8	--	1
p-Chloro-m-cresol	ND		ug/l	1.9	--	1
2-Chlorophenol	ND		ug/l	1.9	--	1
2,4-Dichlorophenol	ND		ug/l	4.8	--	1
2,4-Dimethylphenol	ND		ug/l	4.8	--	1
2-Nitrophenol	ND		ug/l	9.6	--	1
4-Nitrophenol	ND		ug/l	9.6	--	1
2,4-Dinitrophenol	ND		ug/l	19	--	1
4,6-Dinitro-o-cresol	ND		ug/l	9.6	--	1
Pentachlorophenol	ND		ug/l	9.6	--	1
Phenol	ND		ug/l	4.8	--	1
2-Methylphenol	ND		ug/l	4.8	--	1
3-Methylphenol/4-Methylphenol	ND		ug/l	4.8	--	1
2,4,5-Trichlorophenol	ND		ug/l	4.8	--	1
Carbazole	ND		ug/l	1.9	--	1
Atrazine	ND		ug/l	9.6	--	1
Benzaldehyde	ND		ug/l	4.8	--	1
Caprolactam	ND		ug/l	9.6	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	4.8	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-11 Date Collected: 07/14/12 08:15

Client ID: EB-071412-01 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	80		10-120
4-Terphenyl-d14	89		41-149

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212561-12	Date Collected:	07/14/12 09:30
Client ID:	EB-071412-02	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8270D	Extraction Date:	07/17/12 12:58
Analytical Date:	07/22/12 20:41		
Analyst:	JB		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/l	2.0	--	1
Hexachlorobenzene	ND		ug/l	2.0	--	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	--	1
2-Chloronaphthalene	ND		ug/l	2.0	--	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	--	1
2,4-Dinitrotoluene	ND		ug/l	5.0	--	1
2,6-Dinitrotoluene	ND		ug/l	5.0	--	1
Fluoranthene	ND		ug/l	2.0	--	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	--	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	--	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	--	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	--	1
Hexachlorobutadiene	ND		ug/l	2.0	--	1
Hexachlorocyclopentadiene	ND		ug/l	20	--	1
Hexachloroethane	ND		ug/l	2.0	--	1
Isophorone	ND		ug/l	5.0	--	1
Naphthalene	ND		ug/l	2.0	--	1
Nitrobenzene	ND		ug/l	2.0	--	1
NDPA/DPA	ND		ug/l	2.0	--	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	--	1
Butyl benzyl phthalate	ND		ug/l	5.0	--	1
Di-n-butylphthalate	ND		ug/l	5.0	--	1
Di-n-octylphthalate	ND		ug/l	5.0	--	1
Diethyl phthalate	ND		ug/l	5.0	--	1
Dimethyl phthalate	ND		ug/l	5.0	--	1
Benzo(a)anthracene	ND		ug/l	2.0	--	1
Benzo(a)pyrene	ND		ug/l	2.0	--	1
Benzo(b)fluoranthene	ND		ug/l	2.0	--	1
Benzo(k)fluoranthene	ND		ug/l	2.0	--	1
Chrysene	ND		ug/l	2.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-12 Date Collected: 07/14/12 09:30

Client ID: EB-071412-02 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/l	2.0	--	1
Anthracene	ND		ug/l	2.0	--	1
Benzo(ghi)perylene	ND		ug/l	2.0	--	1
Fluorene	ND		ug/l	2.0	--	1
Phenanthrene	ND		ug/l	2.0	--	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	--	1
Pyrene	ND		ug/l	2.0	--	1
Biphenyl	ND		ug/l	2.0	--	1
4-Chloroaniline	ND		ug/l	5.0	--	1
2-Nitroaniline	ND		ug/l	5.0	--	1
3-Nitroaniline	ND		ug/l	5.0	--	1
4-Nitroaniline	ND		ug/l	5.0	--	1
Dibenzofuran	ND		ug/l	2.0	--	1
2-Methylnaphthalene	ND		ug/l	2.0	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	--	1
Acetophenone	ND		ug/l	5.0	--	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	--	1
p-Chloro-m-cresol	ND		ug/l	2.0	--	1
2-Chlorophenol	ND		ug/l	2.0	--	1
2,4-Dichlorophenol	ND		ug/l	5.0	--	1
2,4-Dimethylphenol	ND		ug/l	5.0	--	1
2-Nitrophenol	ND		ug/l	10	--	1
4-Nitrophenol	ND		ug/l	10	--	1
2,4-Dinitrophenol	ND		ug/l	20	--	1
4,6-Dinitro-o-cresol	ND		ug/l	10	--	1
Pentachlorophenol	ND		ug/l	10	--	1
Phenol	ND		ug/l	5.0	--	1
2-Methylphenol	ND		ug/l	5.0	--	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	--	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	--	1
Carbazole	ND		ug/l	2.0	--	1
Atrazine	ND		ug/l	10	--	1
Benzaldehyde	ND		ug/l	5.0	--	1
Caprolactam	ND		ug/l	10	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-12 Date Collected: 07/14/12 09:30

Client ID: EB-071412-02 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	82		15-120
2,4,6-Tribromophenol	105		10-120
4-Terphenyl-d14	110		41-149

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212561-13	Date Collected:	07/14/12 07:40
Client ID:	S-12L-B004-3.5-4.0	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 20:00
Analytical Date:	07/27/12 22:51		
Analyst:	RC		
Percent Solids:	82%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	370		ug/kg	160	--	1
Hexachlorobenzene	ND		ug/kg	120	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	--	1
2-Chloronaphthalene	ND		ug/kg	200	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	--	1
2,4-Dinitrotoluene	ND		ug/kg	200	--	1
2,6-Dinitrotoluene	ND		ug/kg	200	--	1
Fluoranthene	5400		ug/kg	120	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	--	1
Hexachlorobutadiene	ND		ug/kg	200	--	1
Hexachlorocyclopentadiene	ND		ug/kg	560	--	1
Hexachloroethane	ND		ug/kg	160	--	1
Isophorone	ND		ug/kg	200	--	1
Naphthalene	ND		ug/kg	200	--	1
Nitrobenzene	ND		ug/kg	200	--	1
NDPA/DPA	ND		ug/kg	160	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	--	1
Butyl benzyl phthalate	ND		ug/kg	200	--	1
Di-n-butylphthalate	ND		ug/kg	200	--	1
Di-n-octylphthalate	ND		ug/kg	200	--	1
Diethyl phthalate	ND		ug/kg	200	--	1
Dimethyl phthalate	ND		ug/kg	200	--	1
Benzo(a)anthracene	2400		ug/kg	120	--	1
Benzo(a)pyrene	2000		ug/kg	160	--	1
Benzo(b)fluoranthene	2200		ug/kg	120	--	1
Benzo(k)fluoranthene	910		ug/kg	120	--	1
Chrysene	2400		ug/kg	120	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-13 Date Collected: 07/14/12 07:40

Client ID: S-12L-B004-3.5-4.0 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	340		ug/kg	160	--	1
Anthracene	1600		ug/kg	120	--	1
Benzo(ghi)perylene	1000		ug/kg	160	--	1
Fluorene	610		ug/kg	200	--	1
Phenanthrene	4700		ug/kg	120	--	1
Dibenzo(a,h)anthracene	280		ug/kg	120	--	1
Indeno(1,2,3-cd)pyrene	1200		ug/kg	160	--	1
Pyrene	4500		ug/kg	120	--	1
Biphenyl	ND		ug/kg	440	--	1
4-Chloroaniline	ND		ug/kg	200	--	1
2-Nitroaniline	ND		ug/kg	200	--	1
3-Nitroaniline	ND		ug/kg	200	--	1
4-Nitroaniline	ND		ug/kg	200	--	1
Dibenzofuran	390		ug/kg	200	--	1
2-Methylnaphthalene	ND		ug/kg	240	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	--	1
Acetophenone	ND		ug/kg	200	--	1
2,4,6-Trichlorophenol	ND		ug/kg	120	--	1
p-Chloro-m-cresol	ND		ug/kg	200	--	1
2-Chlorophenol	ND		ug/kg	200	--	1
2,4-Dichlorophenol	ND		ug/kg	200	--	1
2,4-Dimethylphenol	ND		ug/kg	200	--	1
2-Nitrophenol	ND		ug/kg	440	--	1
4-Nitrophenol	ND		ug/kg	280	--	1
2,4-Dinitrophenol	ND		ug/kg	970	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	--	1
Pentachlorophenol	ND		ug/kg	160	--	1
Phenol	ND		ug/kg	200	--	1
2-Methylphenol	ND		ug/kg	200	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	--	1
2,4,5-Trichlorophenol	ND		ug/kg	200	--	1
Carbazole	300		ug/kg	200	--	1
Atrazine	ND		ug/kg	160	--	1
Benzaldehyde	ND		ug/kg	280	--	1
Caprolactam	ND		ug/kg	200	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-13 Date Collected: 07/14/12 07:40

Client ID: S-12L-B004-3.5-4.0 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	92		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	92		0-136
4-Terphenyl-d14	88		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212561-14	Date Collected:	07/14/12 07:40
Client ID:	S-12L-B004-3.5-4.0 REP	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 20:00
Analytical Date:	07/27/12 23:16		
Analyst:	RC		
Percent Solids:	81%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	330		ug/kg	160	--	1
Hexachlorobenzene	ND		ug/kg	120	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	--	1
2-Chloronaphthalene	ND		ug/kg	200	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	--	1
2,4-Dinitrotoluene	ND		ug/kg	200	--	1
2,6-Dinitrotoluene	ND		ug/kg	200	--	1
Fluoranthene	3800		ug/kg	120	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	--	1
Hexachlorobutadiene	ND		ug/kg	200	--	1
Hexachlorocyclopentadiene	ND		ug/kg	560	--	1
Hexachloroethane	ND		ug/kg	160	--	1
Isophorone	ND		ug/kg	200	--	1
Naphthalene	ND		ug/kg	200	--	1
Nitrobenzene	ND		ug/kg	200	--	1
NDPA/DPA	ND		ug/kg	160	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	--	1
Butyl benzyl phthalate	ND		ug/kg	200	--	1
Di-n-butylphthalate	ND		ug/kg	200	--	1
Di-n-octylphthalate	ND		ug/kg	200	--	1
Diethyl phthalate	ND		ug/kg	200	--	1
Dimethyl phthalate	ND		ug/kg	200	--	1
Benzo(a)anthracene	1600		ug/kg	120	--	1
Benzo(a)pyrene	1300		ug/kg	160	--	1
Benzo(b)fluoranthene	1400		ug/kg	120	--	1
Benzo(k)fluoranthene	610		ug/kg	120	--	1
Chrysene	1600		ug/kg	120	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-14 Date Collected: 07/14/12 07:40

Client ID: S-12L-B004-3.5-4.0 REP Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	170		ug/kg	160	--	1
Anthracene	1200		ug/kg	120	--	1
Benzo(ghi)perylene	700		ug/kg	160	--	1
Fluorene	520		ug/kg	200	--	1
Phenanthrene	3800		ug/kg	120	--	1
Dibenzo(a,h)anthracene	170		ug/kg	120	--	1
Indeno(1,2,3-cd)pyrene	800		ug/kg	160	--	1
Pyrene	3100		ug/kg	120	--	1
Biphenyl	ND		ug/kg	440	--	1
4-Chloroaniline	ND		ug/kg	200	--	1
2-Nitroaniline	ND		ug/kg	200	--	1
3-Nitroaniline	ND		ug/kg	200	--	1
4-Nitroaniline	ND		ug/kg	200	--	1
Dibenzofuran	370		ug/kg	200	--	1
2-Methylnaphthalene	ND		ug/kg	240	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	--	1
Acetophenone	ND		ug/kg	200	--	1
2,4,6-Trichlorophenol	ND		ug/kg	120	--	1
p-Chloro-m-cresol	ND		ug/kg	200	--	1
2-Chlorophenol	ND		ug/kg	200	--	1
2,4-Dichlorophenol	ND		ug/kg	200	--	1
2,4-Dimethylphenol	ND		ug/kg	200	--	1
2-Nitrophenol	ND		ug/kg	440	--	1
4-Nitrophenol	ND		ug/kg	280	--	1
2,4-Dinitrophenol	ND		ug/kg	960	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	--	1
Pentachlorophenol	ND		ug/kg	160	--	1
Phenol	ND		ug/kg	200	--	1
2-Methylphenol	ND		ug/kg	200	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	--	1
2,4,5-Trichlorophenol	ND		ug/kg	200	--	1
Carbazole	280		ug/kg	200	--	1
Atrazine	ND		ug/kg	160	--	1
Benzaldehyde	ND		ug/kg	280	--	1
Caprolactam	ND		ug/kg	200	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-14 Date Collected: 07/14/12 07:40

Client ID: S-12L-B004-3.5-4.0 REP Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	87		0-136
4-Terphenyl-d14	82		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212561-15	Date Collected:	07/14/12 07:40
Client ID:	S-12L-B004-0.5-1.0	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 20:00
Analytical Date:	07/27/12 23:40		
Analyst:	RC		
Percent Solids:	76%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	--	1
Hexachlorobenzene	ND		ug/kg	130	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	210	--	1
2-Chloronaphthalene	ND		ug/kg	210	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	--	1
2,4-Dinitrotoluene	ND		ug/kg	210	--	1
2,6-Dinitrotoluene	ND		ug/kg	210	--	1
Fluoranthene	1600		ug/kg	130	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	--	1
Hexachlorobutadiene	ND		ug/kg	210	--	1
Hexachlorocyclopentadiene	ND		ug/kg	590	--	1
Hexachloroethane	ND		ug/kg	170	--	1
Isophorone	ND		ug/kg	210	--	1
Naphthalene	ND		ug/kg	210	--	1
Nitrobenzene	ND		ug/kg	210	--	1
NDPA/DPA	ND		ug/kg	170	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	--	1
Butyl benzyl phthalate	ND		ug/kg	210	--	1
Di-n-butylphthalate	ND		ug/kg	210	--	1
Di-n-octylphthalate	ND		ug/kg	210	--	1
Diethyl phthalate	ND		ug/kg	210	--	1
Dimethyl phthalate	ND		ug/kg	210	--	1
Benzo(a)anthracene	720		ug/kg	130	--	1
Benzo(a)pyrene	590		ug/kg	170	--	1
Benzo(b)fluoranthene	720		ug/kg	130	--	1
Benzo(k)fluoranthene	280		ug/kg	130	--	1
Chrysene	730		ug/kg	130	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-15 Date Collected: 07/14/12 07:40

Client ID: S-12L-B004-0.5-1.0 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	170	--	1
Anthracene	470		ug/kg	130	--	1
Benzo(ghi)perylene	330		ug/kg	170	--	1
Fluorene	230		ug/kg	210	--	1
Phenanthrene	1500		ug/kg	130	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	--	1
Indeno(1,2,3-cd)pyrene	370		ug/kg	170	--	1
Pyrene	1400		ug/kg	130	--	1
Biphenyl	ND		ug/kg	470	--	1
4-Chloroaniline	ND		ug/kg	210	--	1
2-Nitroaniline	ND		ug/kg	210	--	1
3-Nitroaniline	ND		ug/kg	210	--	1
4-Nitroaniline	ND		ug/kg	210	--	1
Dibenzofuran	ND		ug/kg	210	--	1
2-Methylnaphthalene	ND		ug/kg	250	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	--	1
Acetophenone	ND		ug/kg	210	--	1
2,4,6-Trichlorophenol	ND		ug/kg	130	--	1
p-Chloro-m-cresol	ND		ug/kg	210	--	1
2-Chlorophenol	ND		ug/kg	210	--	1
2,4-Dichlorophenol	ND		ug/kg	210	--	1
2,4-Dimethylphenol	ND		ug/kg	210	--	1
2-Nitrophenol	ND		ug/kg	470	--	1
4-Nitrophenol	ND		ug/kg	300	--	1
2,4-Dinitrophenol	ND		ug/kg	1000	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	550	--	1
Pentachlorophenol	ND		ug/kg	170	--	1
Phenol	ND		ug/kg	210	--	1
2-Methylphenol	ND		ug/kg	210	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	--	1
2,4,5-Trichlorophenol	ND		ug/kg	210	--	1
Carbazole	ND		ug/kg	210	--	1
Atrazine	ND		ug/kg	170	--	1
Benzaldehyde	ND		ug/kg	300	--	1
Caprolactam	ND		ug/kg	210	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	210	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-15 Date Collected: 07/14/12 07:40

Client ID: S-12L-B004-0.5-1.0 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	83		0-136
4-Terphenyl-d14	81		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212561-16	Date Collected:	07/14/12 08:35
Client ID:	S-12L-B004-6.5-7.0	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 20:00
Analytical Date:	07/28/12 00:05		
Analyst:	RC		
Percent Solids:	81%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	--	1
Hexachlorobenzene	ND		ug/kg	120	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	--	1
2-Chloronaphthalene	ND		ug/kg	200	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	--	1
2,4-Dinitrotoluene	ND		ug/kg	200	--	1
2,6-Dinitrotoluene	ND		ug/kg	200	--	1
Fluoranthene	ND		ug/kg	120	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	--	1
Hexachlorobutadiene	ND		ug/kg	200	--	1
Hexachlorocyclopentadiene	ND		ug/kg	570	--	1
Hexachloroethane	ND		ug/kg	160	--	1
Isophorone	ND		ug/kg	200	--	1
Naphthalene	ND		ug/kg	200	--	1
Nitrobenzene	ND		ug/kg	200	--	1
NDPA/DPA	ND		ug/kg	160	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	--	1
Butyl benzyl phthalate	ND		ug/kg	200	--	1
Di-n-butylphthalate	ND		ug/kg	200	--	1
Di-n-octylphthalate	ND		ug/kg	200	--	1
Diethyl phthalate	ND		ug/kg	200	--	1
Dimethyl phthalate	ND		ug/kg	200	--	1
Benzo(a)anthracene	ND		ug/kg	120	--	1
Benzo(a)pyrene	ND		ug/kg	160	--	1
Benzo(b)fluoranthene	ND		ug/kg	120	--	1
Benzo(k)fluoranthene	ND		ug/kg	120	--	1
Chrysene	ND		ug/kg	120	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-16 Date Collected: 07/14/12 08:35

Client ID: S-12L-B004-6.5-7.0 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	160	--	1
Anthracene	ND		ug/kg	120	--	1
Benzo(ghi)perylene	ND		ug/kg	160	--	1
Fluorene	ND		ug/kg	200	--	1
Phenanthrene	ND		ug/kg	120	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	--	1
Pyrene	ND		ug/kg	120	--	1
Biphenyl	ND		ug/kg	450	--	1
4-Chloroaniline	ND		ug/kg	200	--	1
2-Nitroaniline	ND		ug/kg	200	--	1
3-Nitroaniline	ND		ug/kg	200	--	1
4-Nitroaniline	ND		ug/kg	200	--	1
Dibenzofuran	ND		ug/kg	200	--	1
2-Methylnaphthalene	ND		ug/kg	240	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	--	1
Acetophenone	ND		ug/kg	200	--	1
2,4,6-Trichlorophenol	ND		ug/kg	120	--	1
p-Chloro-m-cresol	ND		ug/kg	200	--	1
2-Chlorophenol	ND		ug/kg	200	--	1
2,4-Dichlorophenol	ND		ug/kg	200	--	1
2,4-Dimethylphenol	ND		ug/kg	200	--	1
2-Nitrophenol	ND		ug/kg	450	--	1
4-Nitrophenol	ND		ug/kg	290	--	1
2,4-Dinitrophenol	ND		ug/kg	980	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	--	1
Pentachlorophenol	ND		ug/kg	160	--	1
Phenol	ND		ug/kg	200	--	1
2-Methylphenol	ND		ug/kg	200	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	--	1
2,4,5-Trichlorophenol	ND		ug/kg	200	--	1
Carbazole	ND		ug/kg	200	--	1
Atrazine	ND		ug/kg	160	--	1
Benzaldehyde	ND		ug/kg	290	--	1
Caprolactam	ND		ug/kg	200	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-16 Date Collected: 07/14/12 08:35

Client ID: S-12L-B004-6.5-7.0 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	94		0-136
4-Terphenyl-d14	86		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212561-17	Date Collected:	07/14/12 08:35
Client ID:	S-12L-B004-7.5-8.0	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 20:00
Analytical Date:	07/28/12 00:30		
Analyst:	RC		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	--	1
2-Chloronaphthalene	ND		ug/kg	180	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	--	1
2,4-Dinitrotoluene	ND		ug/kg	180	--	1
2,6-Dinitrotoluene	ND		ug/kg	180	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	--	1
Hexachlorobutadiene	ND		ug/kg	180	--	1
Hexachlorocyclopentadiene	ND		ug/kg	500	--	1
Hexachloroethane	ND		ug/kg	140	--	1
Isophorone	ND		ug/kg	180	--	1
Naphthalene	ND		ug/kg	180	--	1
Nitrobenzene	ND		ug/kg	180	--	1
NDPA/DPA	ND		ug/kg	140	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	--	1
Butyl benzyl phthalate	ND		ug/kg	180	--	1
Di-n-butylphthalate	ND		ug/kg	180	--	1
Di-n-octylphthalate	ND		ug/kg	180	--	1
Diethyl phthalate	ND		ug/kg	180	--	1
Dimethyl phthalate	ND		ug/kg	180	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	140	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-17 Date Collected: 07/14/12 08:35

Client ID: S-12L-B004-7.5-8.0 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	140	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	140	--	1
Fluorene	ND		ug/kg	180	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	390	--	1
4-Chloroaniline	ND		ug/kg	180	--	1
2-Nitroaniline	ND		ug/kg	180	--	1
3-Nitroaniline	ND		ug/kg	180	--	1
4-Nitroaniline	ND		ug/kg	180	--	1
Dibenzofuran	ND		ug/kg	180	--	1
2-Methylnaphthalene	ND		ug/kg	220	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	--	1
Acetophenone	ND		ug/kg	180	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	180	--	1
2-Chlorophenol	ND		ug/kg	180	--	1
2,4-Dichlorophenol	ND		ug/kg	180	--	1
2,4-Dimethylphenol	ND		ug/kg	180	--	1
2-Nitrophenol	ND		ug/kg	390	--	1
4-Nitrophenol	ND		ug/kg	250	--	1
2,4-Dinitrophenol	ND		ug/kg	860	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	--	1
Pentachlorophenol	ND		ug/kg	140	--	1
Phenol	ND		ug/kg	180	--	1
2-Methylphenol	ND		ug/kg	180	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	--	1
2,4,5-Trichlorophenol	ND		ug/kg	180	--	1
Carbazole	ND		ug/kg	180	--	1
Atrazine	ND		ug/kg	140	--	1
Benzaldehyde	ND		ug/kg	250	--	1
Caprolactam	ND		ug/kg	180	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-17 Date Collected: 07/14/12 08:35

Client ID: S-12L-B004-7.5-8.0 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	93		0-136
4-Terphenyl-d14	88		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212561-18	Date Collected:	07/14/12 08:50
Client ID:	S-12L-B004-11.0-11.5	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 20:00
Analytical Date:	07/28/12 01:45		
Analyst:	RC		
Percent Solids:	95%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	--	1
Hexachlorobenzene	ND		ug/kg	100	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	--	1
2-Chloronaphthalene	ND		ug/kg	170	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	--	1
2,4-Dinitrotoluene	ND		ug/kg	170	--	1
2,6-Dinitrotoluene	ND		ug/kg	170	--	1
Fluoranthene	ND		ug/kg	100	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	170	--	1
Hexachlorobutadiene	ND		ug/kg	170	--	1
Hexachlorocyclopentadiene	ND		ug/kg	480	--	1
Hexachloroethane	ND		ug/kg	140	--	1
Isophorone	ND		ug/kg	170	--	1
Naphthalene	ND		ug/kg	170	--	1
Nitrobenzene	ND		ug/kg	170	--	1
NDPA/DPA	ND		ug/kg	140	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	--	1
Butyl benzyl phthalate	ND		ug/kg	170	--	1
Di-n-butylphthalate	ND		ug/kg	170	--	1
Di-n-octylphthalate	ND		ug/kg	170	--	1
Diethyl phthalate	ND		ug/kg	170	--	1
Dimethyl phthalate	ND		ug/kg	170	--	1
Benzo(a)anthracene	ND		ug/kg	100	--	1
Benzo(a)pyrene	ND		ug/kg	140	--	1
Benzo(b)fluoranthene	ND		ug/kg	100	--	1
Benzo(k)fluoranthene	ND		ug/kg	100	--	1
Chrysene	ND		ug/kg	100	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-18 Date Collected: 07/14/12 08:50

Client ID: S-12L-B004-11.0-11.5 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	140	--	1
Anthracene	ND		ug/kg	100	--	1
Benzo(ghi)perylene	ND		ug/kg	140	--	1
Fluorene	ND		ug/kg	170	--	1
Phenanthrene	ND		ug/kg	100	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	--	1
Pyrene	ND		ug/kg	100	--	1
Biphenyl	ND		ug/kg	380	--	1
4-Chloroaniline	ND		ug/kg	170	--	1
2-Nitroaniline	ND		ug/kg	170	--	1
3-Nitroaniline	ND		ug/kg	170	--	1
4-Nitroaniline	ND		ug/kg	170	--	1
Dibenzofuran	ND		ug/kg	170	--	1
2-Methylnaphthalene	ND		ug/kg	200	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	--	1
Acetophenone	ND		ug/kg	170	--	1
2,4,6-Trichlorophenol	ND		ug/kg	100	--	1
p-Chloro-m-cresol	ND		ug/kg	170	--	1
2-Chlorophenol	ND		ug/kg	170	--	1
2,4-Dichlorophenol	ND		ug/kg	170	--	1
2,4-Dimethylphenol	ND		ug/kg	170	--	1
2-Nitrophenol	ND		ug/kg	380	--	1
4-Nitrophenol	ND		ug/kg	240	--	1
2,4-Dinitrophenol	ND		ug/kg	820	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	--	1
Pentachlorophenol	ND		ug/kg	140	--	1
Phenol	ND		ug/kg	170	--	1
2-Methylphenol	ND		ug/kg	170	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	--	1
2,4,5-Trichlorophenol	ND		ug/kg	170	--	1
Carbazole	ND		ug/kg	170	--	1
Atrazine	ND		ug/kg	140	--	1
Benzaldehyde	ND		ug/kg	240	--	1
Caprolactam	ND		ug/kg	170	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-18 Date Collected: 07/14/12 08:50

Client ID: S-12L-B004-11.0-11.5 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	97		25-120
Phenol-d6	92		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	99		0-136
4-Terphenyl-d14	98		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212561-19	Date Collected:	07/14/12 09:25
Client ID:	S-12L-B004-15.5-16.0	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 20:00
Analytical Date:	07/28/12 02:10		
Analyst:	RC		
Percent Solids:	91%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	--	1
2-Chloronaphthalene	ND		ug/kg	180	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	--	1
2,4-Dinitrotoluene	ND		ug/kg	180	--	1
2,6-Dinitrotoluene	ND		ug/kg	180	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	--	1
Hexachlorobutadiene	ND		ug/kg	180	--	1
Hexachlorocyclopentadiene	ND		ug/kg	500	--	1
Hexachloroethane	ND		ug/kg	140	--	1
Isophorone	ND		ug/kg	180	--	1
Naphthalene	ND		ug/kg	180	--	1
Nitrobenzene	ND		ug/kg	180	--	1
NDPA/DPA	ND		ug/kg	140	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	--	1
Butyl benzyl phthalate	ND		ug/kg	180	--	1
Di-n-butylphthalate	ND		ug/kg	180	--	1
Di-n-octylphthalate	ND		ug/kg	180	--	1
Diethyl phthalate	ND		ug/kg	180	--	1
Dimethyl phthalate	ND		ug/kg	180	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	140	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-19 Date Collected: 07/14/12 09:25

Client ID: S-12L-B004-15.5-16.0 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	140	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	140	--	1
Fluorene	ND		ug/kg	180	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	400	--	1
4-Chloroaniline	ND		ug/kg	180	--	1
2-Nitroaniline	ND		ug/kg	180	--	1
3-Nitroaniline	ND		ug/kg	180	--	1
4-Nitroaniline	ND		ug/kg	180	--	1
Dibenzofuran	ND		ug/kg	180	--	1
2-Methylnaphthalene	ND		ug/kg	220	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	--	1
Acetophenone	ND		ug/kg	180	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	180	--	1
2-Chlorophenol	ND		ug/kg	180	--	1
2,4-Dichlorophenol	ND		ug/kg	180	--	1
2,4-Dimethylphenol	ND		ug/kg	180	--	1
2-Nitrophenol	ND		ug/kg	400	--	1
4-Nitrophenol	ND		ug/kg	250	--	1
2,4-Dinitrophenol	ND		ug/kg	860	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	--	1
Pentachlorophenol	ND		ug/kg	140	--	1
Phenol	ND		ug/kg	180	--	1
2-Methylphenol	ND		ug/kg	180	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	--	1
2,4,5-Trichlorophenol	ND		ug/kg	180	--	1
Carbazole	ND		ug/kg	180	--	1
Atrazine	ND		ug/kg	140	--	1
Benzaldehyde	ND		ug/kg	250	--	1
Caprolactam	ND		ug/kg	180	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-19 Date Collected: 07/14/12 09:25

Client ID: S-12L-B004-15.5-16.0 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	92		0-136
4-Terphenyl-d14	86		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212561-20	Date Collected:	07/14/12 09:25
Client ID:	S-12L-B004-17.5-18.0	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 20:00
Analytical Date:	07/28/12 02:35		
Analyst:	RC		
Percent Solids:	82%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	--	1
Hexachlorobenzene	ND		ug/kg	120	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	--	1
2-Chloronaphthalene	ND		ug/kg	200	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	--	1
2,4-Dinitrotoluene	ND		ug/kg	200	--	1
2,6-Dinitrotoluene	ND		ug/kg	200	--	1
Fluoranthene	ND		ug/kg	120	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	--	1
Hexachlorobutadiene	ND		ug/kg	200	--	1
Hexachlorocyclopentadiene	ND		ug/kg	560	--	1
Hexachloroethane	ND		ug/kg	160	--	1
Isophorone	ND		ug/kg	200	--	1
Naphthalene	ND		ug/kg	200	--	1
Nitrobenzene	ND		ug/kg	200	--	1
NDPA/DPA	ND		ug/kg	160	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	--	1
Butyl benzyl phthalate	ND		ug/kg	200	--	1
Di-n-butylphthalate	ND		ug/kg	200	--	1
Di-n-octylphthalate	ND		ug/kg	200	--	1
Diethyl phthalate	ND		ug/kg	200	--	1
Dimethyl phthalate	ND		ug/kg	200	--	1
Benzo(a)anthracene	ND		ug/kg	120	--	1
Benzo(a)pyrene	ND		ug/kg	160	--	1
Benzo(b)fluoranthene	ND		ug/kg	120	--	1
Benzo(k)fluoranthene	ND		ug/kg	120	--	1
Chrysene	ND		ug/kg	120	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-20 Date Collected: 07/14/12 09:25

Client ID: S-12L-B004-17.5-18.0 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	160	--	1
Anthracene	ND		ug/kg	120	--	1
Benzo(ghi)perylene	ND		ug/kg	160	--	1
Fluorene	ND		ug/kg	200	--	1
Phenanthrene	ND		ug/kg	120	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	--	1
Pyrene	ND		ug/kg	120	--	1
Biphenyl	ND		ug/kg	440	--	1
4-Chloroaniline	ND		ug/kg	200	--	1
2-Nitroaniline	ND		ug/kg	200	--	1
3-Nitroaniline	ND		ug/kg	200	--	1
4-Nitroaniline	ND		ug/kg	200	--	1
Dibenzofuran	ND		ug/kg	200	--	1
2-Methylnaphthalene	ND		ug/kg	240	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	--	1
Acetophenone	ND		ug/kg	200	--	1
2,4,6-Trichlorophenol	ND		ug/kg	120	--	1
p-Chloro-m-cresol	ND		ug/kg	200	--	1
2-Chlorophenol	ND		ug/kg	200	--	1
2,4-Dichlorophenol	ND		ug/kg	200	--	1
2,4-Dimethylphenol	ND		ug/kg	200	--	1
2-Nitrophenol	ND		ug/kg	440	--	1
4-Nitrophenol	ND		ug/kg	280	--	1
2,4-Dinitrophenol	ND		ug/kg	960	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	--	1
Pentachlorophenol	ND		ug/kg	160	--	1
Phenol	ND		ug/kg	200	--	1
2-Methylphenol	ND		ug/kg	200	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	--	1
2,4,5-Trichlorophenol	ND		ug/kg	200	--	1
Carbazole	ND		ug/kg	200	--	1
Atrazine	ND		ug/kg	160	--	1
Benzaldehyde	ND		ug/kg	280	--	1
Caprolactam	ND		ug/kg	200	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-20 Date Collected: 07/14/12 09:25

Client ID: S-12L-B004-17.5-18.0 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	90		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	88		30-120
2,4,6-Tribromophenol	91		0-136
4-Terphenyl-d14	89		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212561-21	Date Collected:	07/14/12 09:50
Client ID:	S-12L-B004-20.0-20.5	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 20:00
Analytical Date:	07/28/12 03:00		
Analyst:	RC		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	--	1
2-Chloronaphthalene	ND		ug/kg	180	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	--	1
2,4-Dinitrotoluene	ND		ug/kg	180	--	1
2,6-Dinitrotoluene	ND		ug/kg	180	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	--	1
Hexachlorobutadiene	ND		ug/kg	180	--	1
Hexachlorocyclopentadiene	ND		ug/kg	510	--	1
Hexachloroethane	ND		ug/kg	150	--	1
Isophorone	ND		ug/kg	180	--	1
Naphthalene	ND		ug/kg	180	--	1
Nitrobenzene	ND		ug/kg	180	--	1
NDPA/DPA	ND		ug/kg	150	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	--	1
Butyl benzyl phthalate	ND		ug/kg	180	--	1
Di-n-butylphthalate	ND		ug/kg	180	--	1
Di-n-octylphthalate	ND		ug/kg	180	--	1
Diethyl phthalate	ND		ug/kg	180	--	1
Dimethyl phthalate	ND		ug/kg	180	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	150	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-21 Date Collected: 07/14/12 09:50

Client ID: S-12L-B004-20.0-20.5 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	150	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	150	--	1
Fluorene	ND		ug/kg	180	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	400	--	1
4-Chloroaniline	ND		ug/kg	180	--	1
2-Nitroaniline	ND		ug/kg	180	--	1
3-Nitroaniline	ND		ug/kg	180	--	1
4-Nitroaniline	ND		ug/kg	180	--	1
Dibenzofuran	ND		ug/kg	180	--	1
2-Methylnaphthalene	ND		ug/kg	220	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	--	1
Acetophenone	ND		ug/kg	180	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	180	--	1
2-Chlorophenol	ND		ug/kg	180	--	1
2,4-Dichlorophenol	ND		ug/kg	180	--	1
2,4-Dimethylphenol	ND		ug/kg	180	--	1
2-Nitrophenol	ND		ug/kg	400	--	1
4-Nitrophenol	ND		ug/kg	260	--	1
2,4-Dinitrophenol	ND		ug/kg	880	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	--	1
Pentachlorophenol	ND		ug/kg	150	--	1
Phenol	ND		ug/kg	180	--	1
2-Methylphenol	ND		ug/kg	180	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	--	1
2,4,5-Trichlorophenol	ND		ug/kg	180	--	1
Carbazole	ND		ug/kg	180	--	1
Atrazine	ND		ug/kg	150	--	1
Benzaldehyde	ND		ug/kg	260	--	1
Caprolactam	ND		ug/kg	180	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-21 Date Collected: 07/14/12 09:50

Client ID: S-12L-B004-20.0-20.5 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	98		0-136
4-Terphenyl-d14	92		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212561-22	Date Collected:	07/14/12 10:45
Client ID:	S-12L-B005-0.5-1.0	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 20:00
Analytical Date:	07/28/12 03:24		
Analyst:	RC		
Percent Solids:	34%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	380	--	1
Hexachlorobenzene	ND		ug/kg	290	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	480	--	1
2-Chloronaphthalene	ND		ug/kg	480	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	480	--	1
2,4-Dinitrotoluene	ND		ug/kg	480	--	1
2,6-Dinitrotoluene	ND		ug/kg	480	--	1
Fluoranthene	1700		ug/kg	290	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	480	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	480	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	580	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	480	--	1
Hexachlorobutadiene	ND		ug/kg	480	--	1
Hexachlorocyclopentadiene	ND		ug/kg	1300	--	1
Hexachloroethane	ND		ug/kg	380	--	1
Isophorone	ND		ug/kg	480	--	1
Naphthalene	ND		ug/kg	480	--	1
Nitrobenzene	ND		ug/kg	480	--	1
NDPA/DPA	ND		ug/kg	380	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	480	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	480	--	1
Butyl benzyl phthalate	ND		ug/kg	480	--	1
Di-n-butylphthalate	ND		ug/kg	480	--	1
Di-n-octylphthalate	ND		ug/kg	480	--	1
Diethyl phthalate	ND		ug/kg	480	--	1
Dimethyl phthalate	ND		ug/kg	480	--	1
Benzo(a)anthracene	760		ug/kg	290	--	1
Benzo(a)pyrene	700		ug/kg	380	--	1
Benzo(b)fluoranthene	880		ug/kg	290	--	1
Benzo(k)fluoranthene	340		ug/kg	290	--	1
Chrysene	890		ug/kg	290	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-22 Date Collected: 07/14/12 10:45

Client ID: S-12L-B005-0.5-1.0 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	380	--	1
Anthracene	320		ug/kg	290	--	1
Benzo(ghi)perylene	440		ug/kg	380	--	1
Fluorene	ND		ug/kg	480	--	1
Phenanthrene	900		ug/kg	290	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	290	--	1
Indeno(1,2,3-cd)pyrene	450		ug/kg	380	--	1
Pyrene	1600		ug/kg	290	--	1
Biphenyl	ND		ug/kg	1000	--	1
4-Chloroaniline	ND		ug/kg	480	--	1
2-Nitroaniline	ND		ug/kg	480	--	1
3-Nitroaniline	ND		ug/kg	480	--	1
4-Nitroaniline	ND		ug/kg	480	--	1
Dibenzofuran	ND		ug/kg	480	--	1
2-Methylnaphthalene	ND		ug/kg	580	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	480	--	1
Acetophenone	ND		ug/kg	480	--	1
2,4,6-Trichlorophenol	ND		ug/kg	290	--	1
p-Chloro-m-cresol	ND		ug/kg	480	--	1
2-Chlorophenol	ND		ug/kg	480	--	1
2,4-Dichlorophenol	ND		ug/kg	480	--	1
2,4-Dimethylphenol	ND		ug/kg	480	--	1
2-Nitrophenol	ND		ug/kg	1000	--	1
4-Nitrophenol	ND		ug/kg	670	--	1
2,4-Dinitrophenol	ND		ug/kg	2300	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	1200	--	1
Pentachlorophenol	ND		ug/kg	380	--	1
Phenol	ND		ug/kg	480	--	1
2-Methylphenol	ND		ug/kg	480	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	670	--	1
2,4,5-Trichlorophenol	ND		ug/kg	480	--	1
Carbazole	ND		ug/kg	480	--	1
Atrazine	ND		ug/kg	380	--	1
Benzaldehyde	ND		ug/kg	670	--	1
Caprolactam	ND		ug/kg	480	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	480	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-22 Date Collected: 07/14/12 10:45

Client ID: S-12L-B005-0.5-1.0 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	92		25-120
Phenol-d6	92		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	93		0-136
4-Terphenyl-d14	90		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212561-23	Date Collected:	07/14/12 10:45
Client ID:	S-12L-B005-0.5-1.0 REP	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 20:00
Analytical Date:	07/28/12 03:49		
Analyst:	RC		
Percent Solids:	38%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	350	--	1
Hexachlorobenzene	ND		ug/kg	260	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	440	--	1
2-Chloronaphthalene	ND		ug/kg	440	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	440	--	1
2,4-Dinitrotoluene	ND		ug/kg	440	--	1
2,6-Dinitrotoluene	ND		ug/kg	440	--	1
Fluoranthene	3800		ug/kg	260	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	440	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	440	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	520	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	440	--	1
Hexachlorobutadiene	ND		ug/kg	440	--	1
Hexachlorocyclopentadiene	ND		ug/kg	1200	--	1
Hexachloroethane	ND		ug/kg	350	--	1
Isophorone	ND		ug/kg	440	--	1
Naphthalene	ND		ug/kg	440	--	1
Nitrobenzene	ND		ug/kg	440	--	1
NDPA/DPA	ND		ug/kg	350	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	440	--	1
Bis(2-ethylhexyl)phthalate	690		ug/kg	440	--	1
Butyl benzyl phthalate	ND		ug/kg	440	--	1
Di-n-butylphthalate	ND		ug/kg	440	--	1
Di-n-octylphthalate	ND		ug/kg	440	--	1
Diethyl phthalate	ND		ug/kg	440	--	1
Dimethyl phthalate	ND		ug/kg	440	--	1
Benzo(a)anthracene	1700		ug/kg	260	--	1
Benzo(a)pyrene	1600		ug/kg	350	--	1
Benzo(b)fluoranthene	2200		ug/kg	260	--	1
Benzo(k)fluoranthene	780		ug/kg	260	--	1
Chrysene	1900		ug/kg	260	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-23 Date Collected: 07/14/12 10:45

Client ID: S-12L-B005-0.5-1.0 REP Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	350	--	1
Anthracene	610		ug/kg	260	--	1
Benzo(ghi)perylene	960		ug/kg	350	--	1
Fluorene	ND		ug/kg	440	--	1
Phenanthrene	2000		ug/kg	260	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	260	--	1
Indeno(1,2,3-cd)pyrene	1100		ug/kg	350	--	1
Pyrene	3400		ug/kg	260	--	1
Biphenyl	ND		ug/kg	960	--	1
4-Chloroaniline	ND		ug/kg	440	--	1
2-Nitroaniline	ND		ug/kg	440	--	1
3-Nitroaniline	ND		ug/kg	440	--	1
4-Nitroaniline	ND		ug/kg	440	--	1
Dibenzofuran	ND		ug/kg	440	--	1
2-Methylnaphthalene	ND		ug/kg	520	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	440	--	1
Acetophenone	ND		ug/kg	440	--	1
2,4,6-Trichlorophenol	ND		ug/kg	260	--	1
p-Chloro-m-cresol	ND		ug/kg	440	--	1
2-Chlorophenol	ND		ug/kg	440	--	1
2,4-Dichlorophenol	ND		ug/kg	440	--	1
2,4-Dimethylphenol	ND		ug/kg	440	--	1
2-Nitrophenol	ND		ug/kg	960	--	1
4-Nitrophenol	ND		ug/kg	610	--	1
2,4-Dinitrophenol	ND		ug/kg	2100	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	1100	--	1
Pentachlorophenol	ND		ug/kg	350	--	1
Phenol	ND		ug/kg	440	--	1
2-Methylphenol	ND		ug/kg	440	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	610	--	1
2,4,5-Trichlorophenol	ND		ug/kg	440	--	1
Carbazole	ND		ug/kg	440	--	1
Atrazine	ND		ug/kg	350	--	1
Benzaldehyde	ND		ug/kg	610	--	1
Caprolactam	ND		ug/kg	440	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	440	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-23 Date Collected: 07/14/12 10:45

Client ID: S-12L-B005-0.5-1.0 REP Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	98		25-120
Phenol-d6	99		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	89		30-120
2,4,6-Tribromophenol	96		0-136
4-Terphenyl-d14	90		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212561-24 D	Date Collected:	07/14/12 10:45
Client ID:	S-12L-B005-4.0-4.5	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 20:00
Analytical Date:	07/28/12 04:14		
Analyst:	RC		
Percent Solids:	83%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	10000		ug/kg	1600	--	10
Hexachlorobenzene	ND		ug/kg	1200	--	10
Bis(2-chloroethyl)ether	ND		ug/kg	2000	--	10
2-Chloronaphthalene	ND		ug/kg	2000	--	10
3,3'-Dichlorobenzidine	ND		ug/kg	2000	--	10
2,4-Dinitrotoluene	ND		ug/kg	2000	--	10
2,6-Dinitrotoluene	ND		ug/kg	2000	--	10
Fluoranthene	62000		ug/kg	1200	--	10
4-Chlorophenyl phenyl ether	ND		ug/kg	2000	--	10
4-Bromophenyl phenyl ether	ND		ug/kg	2000	--	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	2400	--	10
Bis(2-chloroethoxy)methane	ND		ug/kg	2000	--	10
Hexachlorobutadiene	ND		ug/kg	2000	--	10
Hexachlorocyclopentadiene	ND		ug/kg	5500	--	10
Hexachloroethane	ND		ug/kg	1600	--	10
Isophorone	ND		ug/kg	2000	--	10
Naphthalene	ND		ug/kg	2000	--	10
Nitrobenzene	ND		ug/kg	2000	--	10
NDPA/DPA	ND		ug/kg	1600	--	10
n-Nitrosodi-n-propylamine	ND		ug/kg	2000	--	10
Bis(2-ethylhexyl)phthalate	ND		ug/kg	2000	--	10
Butyl benzyl phthalate	ND		ug/kg	2000	--	10
Di-n-butylphthalate	ND		ug/kg	2000	--	10
Di-n-octylphthalate	ND		ug/kg	2000	--	10
Diethyl phthalate	ND		ug/kg	2000	--	10
Dimethyl phthalate	ND		ug/kg	2000	--	10
Benzo(a)anthracene	22000		ug/kg	1200	--	10
Benzo(a)pyrene	19000		ug/kg	1600	--	10
Benzo(b)fluoranthene	23000		ug/kg	1200	--	10
Benzo(k)fluoranthene	9500		ug/kg	1200	--	10
Chrysene	22000		ug/kg	1200	--	10

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-24 D Date Collected: 07/14/12 10:45

Client ID: S-12L-B005-4.0-4.5 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	1600	--	10
Anthracene	20000		ug/kg	1200	--	10
Benzo(ghi)perylene	10000		ug/kg	1600	--	10
Fluorene	11000		ug/kg	2000	--	10
Phenanthrene	69000		ug/kg	1200	--	10
Dibenzo(a,h)anthracene	3000		ug/kg	1200	--	10
Indeno(1,2,3-cd)pyrene	12000		ug/kg	1600	--	10
Pyrene	46000		ug/kg	1200	--	10
Biphenyl	ND		ug/kg	4400	--	10
4-Chloroaniline	ND		ug/kg	2000	--	10
2-Nitroaniline	ND		ug/kg	2000	--	10
3-Nitroaniline	ND		ug/kg	2000	--	10
4-Nitroaniline	ND		ug/kg	2000	--	10
Dibenzofuran	5100		ug/kg	2000	--	10
2-Methylnaphthalene	ND		ug/kg	2400	--	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	2000	--	10
Acetophenone	ND		ug/kg	2000	--	10
2,4,6-Trichlorophenol	ND		ug/kg	1200	--	10
p-Chloro-m-cresol	ND		ug/kg	2000	--	10
2-Chlorophenol	ND		ug/kg	2000	--	10
2,4-Dichlorophenol	ND		ug/kg	2000	--	10
2,4-Dimethylphenol	ND		ug/kg	2000	--	10
2-Nitrophenol	ND		ug/kg	4400	--	10
4-Nitrophenol	ND		ug/kg	2800	--	10
2,4-Dinitrophenol	ND		ug/kg	9500	--	10
4,6-Dinitro-o-cresol	ND		ug/kg	5200	--	10
Pentachlorophenol	ND		ug/kg	1600	--	10
Phenol	ND		ug/kg	2000	--	10
2-Methylphenol	ND		ug/kg	2000	--	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	2800	--	10
2,4,5-Trichlorophenol	ND		ug/kg	2000	--	10
Carbazole	8800		ug/kg	2000	--	10
Atrazine	ND		ug/kg	1600	--	10
Benzaldehyde	ND		ug/kg	2800	--	10
Caprolactam	ND		ug/kg	2000	--	10
2,3,4,6-Tetrachlorophenol	ND		ug/kg	2000	--	10

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-24 D Date Collected: 07/14/12 10:45

Client ID: S-12L-B005-4.0-4.5 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	88		25-120
Phenol-d6	89		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	100		0-136
4-Terphenyl-d14	91		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212561-25	Date Collected:	07/14/12 11:15
Client ID:	EB-071412-03	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8270D	Extraction Date:	07/17/12 12:58
Analytical Date:	07/22/12 21:08		
Analyst:	JB		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/l	2.0	--	1
Hexachlorobenzene	ND		ug/l	2.0	--	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	--	1
2-Chloronaphthalene	ND		ug/l	2.0	--	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	--	1
2,4-Dinitrotoluene	ND		ug/l	5.0	--	1
2,6-Dinitrotoluene	ND		ug/l	5.0	--	1
Fluoranthene	ND		ug/l	2.0	--	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	--	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	--	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	--	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	--	1
Hexachlorobutadiene	ND		ug/l	2.0	--	1
Hexachlorocyclopentadiene	ND		ug/l	20	--	1
Hexachloroethane	ND		ug/l	2.0	--	1
Isophorone	ND		ug/l	5.0	--	1
Naphthalene	ND		ug/l	2.0	--	1
Nitrobenzene	ND		ug/l	2.0	--	1
NDPA/DPA	ND		ug/l	2.0	--	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	--	1
Butyl benzyl phthalate	ND		ug/l	5.0	--	1
Di-n-butylphthalate	ND		ug/l	5.0	--	1
Di-n-octylphthalate	ND		ug/l	5.0	--	1
Diethyl phthalate	ND		ug/l	5.0	--	1
Dimethyl phthalate	ND		ug/l	5.0	--	1
Benzo(a)anthracene	ND		ug/l	2.0	--	1
Benzo(a)pyrene	ND		ug/l	2.0	--	1
Benzo(b)fluoranthene	ND		ug/l	2.0	--	1
Benzo(k)fluoranthene	ND		ug/l	2.0	--	1
Chrysene	ND		ug/l	2.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-25 Date Collected: 07/14/12 11:15

Client ID: EB-071412-03 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/l	2.0	--	1
Anthracene	ND		ug/l	2.0	--	1
Benzo(ghi)perylene	ND		ug/l	2.0	--	1
Fluorene	ND		ug/l	2.0	--	1
Phenanthrene	ND		ug/l	2.0	--	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	--	1
Pyrene	ND		ug/l	2.0	--	1
Biphenyl	ND		ug/l	2.0	--	1
4-Chloroaniline	ND		ug/l	5.0	--	1
2-Nitroaniline	ND		ug/l	5.0	--	1
3-Nitroaniline	ND		ug/l	5.0	--	1
4-Nitroaniline	ND		ug/l	5.0	--	1
Dibenzofuran	ND		ug/l	2.0	--	1
2-Methylnaphthalene	ND		ug/l	2.0	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	--	1
Acetophenone	ND		ug/l	5.0	--	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	--	1
p-Chloro-m-cresol	ND		ug/l	2.0	--	1
2-Chlorophenol	ND		ug/l	2.0	--	1
2,4-Dichlorophenol	ND		ug/l	5.0	--	1
2,4-Dimethylphenol	ND		ug/l	5.0	--	1
2-Nitrophenol	ND		ug/l	10	--	1
4-Nitrophenol	ND		ug/l	10	--	1
2,4-Dinitrophenol	ND		ug/l	20	--	1
4,6-Dinitro-o-cresol	ND		ug/l	10	--	1
Pentachlorophenol	ND		ug/l	10	--	1
Phenol	ND		ug/l	5.0	--	1
2-Methylphenol	ND		ug/l	5.0	--	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	--	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	--	1
Carbazole	ND		ug/l	2.0	--	1
Atrazine	ND		ug/l	10	--	1
Benzaldehyde	ND		ug/l	5.0	--	1
Caprolactam	ND		ug/l	10	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-25 Date Collected: 07/14/12 11:15

Client ID: EB-071412-03 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	92		10-120
4-Terphenyl-d14	88		41-149

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212561-26	Date Collected:	07/14/12 14:05
Client ID:	EB-071412-04	Date Received:	07/14/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8270D	Extraction Date:	07/17/12 12:58
Analytical Date:	07/22/12 21:36		
Analyst:	JB		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/l	2.0	--	1
Hexachlorobenzene	ND		ug/l	2.0	--	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	--	1
2-Chloronaphthalene	ND		ug/l	2.0	--	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	--	1
2,4-Dinitrotoluene	ND		ug/l	5.0	--	1
2,6-Dinitrotoluene	ND		ug/l	5.0	--	1
Fluoranthene	ND		ug/l	2.0	--	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	--	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	--	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	--	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	--	1
Hexachlorobutadiene	ND		ug/l	2.0	--	1
Hexachlorocyclopentadiene	ND		ug/l	20	--	1
Hexachloroethane	ND		ug/l	2.0	--	1
Isophorone	ND		ug/l	5.0	--	1
Naphthalene	ND		ug/l	2.0	--	1
Nitrobenzene	ND		ug/l	2.0	--	1
NDPA/DPA	ND		ug/l	2.0	--	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	--	1
Butyl benzyl phthalate	ND		ug/l	5.0	--	1
Di-n-butylphthalate	ND		ug/l	5.0	--	1
Di-n-octylphthalate	ND		ug/l	5.0	--	1
Diethyl phthalate	ND		ug/l	5.0	--	1
Dimethyl phthalate	ND		ug/l	5.0	--	1
Benzo(a)anthracene	ND		ug/l	2.0	--	1
Benzo(a)pyrene	ND		ug/l	2.0	--	1
Benzo(b)fluoranthene	ND		ug/l	2.0	--	1
Benzo(k)fluoranthene	ND		ug/l	2.0	--	1
Chrysene	ND		ug/l	2.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-26 Date Collected: 07/14/12 14:05

Client ID: EB-071412-04 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/l	2.0	--	1
Anthracene	ND		ug/l	2.0	--	1
Benzo(ghi)perylene	ND		ug/l	2.0	--	1
Fluorene	ND		ug/l	2.0	--	1
Phenanthrene	ND		ug/l	2.0	--	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	--	1
Pyrene	ND		ug/l	2.0	--	1
Biphenyl	ND		ug/l	2.0	--	1
4-Chloroaniline	ND		ug/l	5.0	--	1
2-Nitroaniline	ND		ug/l	5.0	--	1
3-Nitroaniline	ND		ug/l	5.0	--	1
4-Nitroaniline	ND		ug/l	5.0	--	1
Dibenzofuran	ND		ug/l	2.0	--	1
2-Methylnaphthalene	ND		ug/l	2.0	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	--	1
Acetophenone	ND		ug/l	5.0	--	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	--	1
p-Chloro-m-cresol	ND		ug/l	2.0	--	1
2-Chlorophenol	ND		ug/l	2.0	--	1
2,4-Dichlorophenol	ND		ug/l	5.0	--	1
2,4-Dimethylphenol	ND		ug/l	5.0	--	1
2-Nitrophenol	ND		ug/l	10	--	1
4-Nitrophenol	ND		ug/l	10	--	1
2,4-Dinitrophenol	ND		ug/l	20	--	1
4,6-Dinitro-o-cresol	ND		ug/l	10	--	1
Pentachlorophenol	ND		ug/l	10	--	1
Phenol	ND		ug/l	5.0	--	1
2-Methylphenol	ND		ug/l	5.0	--	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	--	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	--	1
Carbazole	ND		ug/l	2.0	--	1
Atrazine	ND		ug/l	10	--	1
Benzaldehyde	ND		ug/l	5.0	--	1
Caprolactam	ND		ug/l	10	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-26 Date Collected: 07/14/12 14:05

Client ID: EB-071412-04 Date Received: 07/14/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	86		10-120
4-Terphenyl-d14	87		41-149

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/27/12 12:49
Analyst: RC

Extraction Method: EPA 3540C
Extraction Date: 07/25/12 20:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10,13-17 Batch: WG550878-1					
Acenaphthene	ND		ug/kg	130	--
Hexachlorobenzene	ND		ug/kg	99	--
Bis(2-chloroethyl)ether	ND		ug/kg	160	--
2-Chloronaphthalene	ND		ug/kg	160	--
3,3'-Dichlorobenzidine	ND		ug/kg	160	--
2,4-Dinitrotoluene	ND		ug/kg	160	--
2,6-Dinitrotoluene	ND		ug/kg	160	--
Fluoranthene	ND		ug/kg	99	--
4-Chlorophenyl phenyl ether	ND		ug/kg	160	--
4-Bromophenyl phenyl ether	ND		ug/kg	160	--
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	--
Bis(2-chloroethoxy)methane	ND		ug/kg	160	--
Hexachlorobutadiene	ND		ug/kg	160	--
Hexachlorocyclopentadiene	ND		ug/kg	460	--
Hexachloroethane	ND		ug/kg	130	--
Isophorone	ND		ug/kg	160	--
Naphthalene	ND		ug/kg	160	--
Nitrobenzene	ND		ug/kg	160	--
NDPA/DPA	ND		ug/kg	130	--
n-Nitrosodi-n-propylamine	ND		ug/kg	160	--
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	--
Butyl benzyl phthalate	ND		ug/kg	160	--
Di-n-butylphthalate	ND		ug/kg	160	--
Di-n-octylphthalate	ND		ug/kg	160	--
Diethyl phthalate	ND		ug/kg	160	--
Dimethyl phthalate	ND		ug/kg	160	--
Benzo(a)anthracene	ND		ug/kg	99	--
Benzo(a)pyrene	ND		ug/kg	130	--
Benzo(b)fluoranthene	ND		ug/kg	99	--
Benzo(k)fluoranthene	ND		ug/kg	99	--

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212561
Report Date: 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/27/12 12:49
Analyst: RC

Extraction Method: EPA 3540C
Extraction Date: 07/25/12 20:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10,13-17 Batch: WG550878-1					
Chrysene	ND		ug/kg	99	--
Acenaphthylene	ND		ug/kg	130	--
Anthracene	ND		ug/kg	99	--
Benzo(ghi)perylene	ND		ug/kg	130	--
Fluorene	ND		ug/kg	160	--
Phenanthrene	ND		ug/kg	99	--
Dibenzo(a,h)anthracene	ND		ug/kg	99	--
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	--
Pyrene	ND		ug/kg	99	--
Biphenyl	ND		ug/kg	360	--
4-Chloroaniline	ND		ug/kg	160	--
2-Nitroaniline	ND		ug/kg	160	--
3-Nitroaniline	ND		ug/kg	160	--
4-Nitroaniline	ND		ug/kg	160	--
Dibenzofuran	ND		ug/kg	160	--
2-Methylnaphthalene	ND		ug/kg	200	--
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	--
Acetophenone	ND		ug/kg	160	--
2,4,6-Trichlorophenol	ND		ug/kg	99	--
p-Chloro-m-cresol	ND		ug/kg	160	--
2-Chlorophenol	ND		ug/kg	160	--
2,4-Dichlorophenol	ND		ug/kg	160	--
2,4-Dimethylphenol	ND		ug/kg	160	--
2-Nitrophenol	ND		ug/kg	360	--
4-Nitrophenol	ND		ug/kg	230	--
2,4-Dinitrophenol	ND		ug/kg	790	--
4,6-Dinitro-o-cresol	ND		ug/kg	430	--
Pentachlorophenol	ND		ug/kg	130	--
Phenol	ND		ug/kg	160	--
2-Methylphenol	ND		ug/kg	160	--

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212561
Report Date: 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/27/12 12:49
Analyst: RC

Extraction Method: EPA 3540C
Extraction Date: 07/25/12 20:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10,13-17 Batch: WG550878-1					
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	--
2,4,5-Trichlorophenol	ND		ug/kg	160	--
Carbazole	ND		ug/kg	160	--
Atrazine	ND		ug/kg	130	--
Benzaldehyde	ND		ug/kg	230	--
Caprolactam	ND		ug/kg	160	--
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	113		25-120
Phenol-d6	111		10-120
Nitrobenzene-d5	97		23-120
2-Fluorobiphenyl	101		30-120
2,4,6-Tribromophenol	113		0-136
4-Terphenyl-d14	107		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/27/12 12:49
Analyst: RC

Extraction Method: EPA 3540C
Extraction Date: 07/25/12 20:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 18-24 Batch: WG550892-1					
Acenaphthene	ND		ug/kg	130	--
Hexachlorobenzene	ND		ug/kg	99	--
Bis(2-chloroethyl)ether	ND		ug/kg	160	--
2-Chloronaphthalene	ND		ug/kg	160	--
3,3'-Dichlorobenzidine	ND		ug/kg	160	--
2,4-Dinitrotoluene	ND		ug/kg	160	--
2,6-Dinitrotoluene	ND		ug/kg	160	--
Fluoranthene	ND		ug/kg	99	--
4-Chlorophenyl phenyl ether	ND		ug/kg	160	--
4-Bromophenyl phenyl ether	ND		ug/kg	160	--
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	--
Bis(2-chloroethoxy)methane	ND		ug/kg	160	--
Hexachlorobutadiene	ND		ug/kg	160	--
Hexachlorocyclopentadiene	ND		ug/kg	460	--
Hexachloroethane	ND		ug/kg	130	--
Isophorone	ND		ug/kg	160	--
Naphthalene	ND		ug/kg	160	--
Nitrobenzene	ND		ug/kg	160	--
NDPA/DPA	ND		ug/kg	130	--
n-Nitrosodi-n-propylamine	ND		ug/kg	160	--
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	--
Butyl benzyl phthalate	ND		ug/kg	160	--
Di-n-butylphthalate	ND		ug/kg	160	--
Di-n-octylphthalate	ND		ug/kg	160	--
Diethyl phthalate	ND		ug/kg	160	--
Dimethyl phthalate	ND		ug/kg	160	--
Benzo(a)anthracene	ND		ug/kg	99	--
Benzo(a)pyrene	ND		ug/kg	130	--
Benzo(b)fluoranthene	ND		ug/kg	99	--
Benzo(k)fluoranthene	ND		ug/kg	99	--
Chrysene	ND		ug/kg	99	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/27/12 12:49
Analyst: RC

Extraction Method: EPA 3540C
Extraction Date: 07/25/12 20:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 18-24 Batch: WG550892-1					
Acenaphthylene	ND		ug/kg	130	--
Anthracene	ND		ug/kg	99	--
Benzo(ghi)perylene	ND		ug/kg	130	--
Fluorene	ND		ug/kg	160	--
Phenanthrene	ND		ug/kg	99	--
Dibenzo(a,h)anthracene	ND		ug/kg	99	--
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	--
Pyrene	ND		ug/kg	99	--
Biphenyl	ND		ug/kg	360	--
4-Chloroaniline	ND		ug/kg	160	--
2-Nitroaniline	ND		ug/kg	160	--
3-Nitroaniline	ND		ug/kg	160	--
4-Nitroaniline	ND		ug/kg	160	--
Dibenzofuran	ND		ug/kg	160	--
2-Methylnaphthalene	ND		ug/kg	200	--
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	--
Acetophenone	ND		ug/kg	160	--
2,4,6-Trichlorophenol	ND		ug/kg	99	--
p-Chloro-m-cresol	ND		ug/kg	160	--
2-Chlorophenol	ND		ug/kg	160	--
2,4-Dichlorophenol	ND		ug/kg	160	--
2,4-Dimethylphenol	ND		ug/kg	160	--
2-Nitrophenol	ND		ug/kg	360	--
4-Nitrophenol	ND		ug/kg	230	--
2,4-Dinitrophenol	ND		ug/kg	790	--
4,6-Dinitro-o-cresol	ND		ug/kg	430	--
Pentachlorophenol	ND		ug/kg	130	--
Phenol	ND		ug/kg	160	--
2-Methylphenol	ND		ug/kg	160	--
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	--
2,4,5-Trichlorophenol	ND		ug/kg	160	--

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212561
Report Date: 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/27/12 12:49
Analyst: RC

Extraction Method: EPA 3540C
Extraction Date: 07/25/12 20:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 18-24 Batch: WG550892-1					
Carbazole	ND		ug/kg	160	--
Atrazine	ND		ug/kg	130	--
Benzaldehyde	ND		ug/kg	230	--
Caprolactam	ND		ug/kg	160	--
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	113		25-120
Phenol-d6	111		10-120
Nitrobenzene-d5	97		23-120
2-Fluorobiphenyl	101		30-120
2,4,6-Tribromophenol	113		0-136
4-Terphenyl-d14	107		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/22/12 17:00
Analyst: JB

Extraction Method: EPA 3510C
Extraction Date: 07/17/12 12:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 11-12,25-26 Batch: WG551673-1					
Acenaphthene	ND		ug/l	2.0	--
Hexachlorobenzene	ND		ug/l	2.0	--
Bis(2-chloroethyl)ether	ND		ug/l	2.0	--
2-Chloronaphthalene	ND		ug/l	2.0	--
3,3'-Dichlorobenzidine	ND		ug/l	5.0	--
2,4-Dinitrotoluene	ND		ug/l	5.0	--
2,6-Dinitrotoluene	ND		ug/l	5.0	--
Fluoranthene	ND		ug/l	2.0	--
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	--
4-Bromophenyl phenyl ether	ND		ug/l	2.0	--
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	--
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	--
Hexachlorobutadiene	ND		ug/l	2.0	--
Hexachlorocyclopentadiene	ND		ug/l	20	--
Hexachloroethane	ND		ug/l	2.0	--
Isophorone	ND		ug/l	5.0	--
Naphthalene	ND		ug/l	2.0	--
Nitrobenzene	ND		ug/l	2.0	--
NDPA/DPA	ND		ug/l	2.0	--
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	--
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	--
Butyl benzyl phthalate	ND		ug/l	5.0	--
Di-n-butylphthalate	ND		ug/l	5.0	--
Di-n-octylphthalate	ND		ug/l	5.0	--
Diethyl phthalate	ND		ug/l	5.0	--
Dimethyl phthalate	ND		ug/l	5.0	--
Benzo(a)anthracene	ND		ug/l	2.0	--
Benzo(a)pyrene	ND		ug/l	2.0	--
Benzo(b)fluoranthene	ND		ug/l	2.0	--
Benzo(k)fluoranthene	ND		ug/l	2.0	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/22/12 17:00
Analyst: JB

Extraction Method: EPA 3510C
Extraction Date: 07/17/12 12:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 11-12,25-26 Batch: WG551673-1					
Chrysene	ND		ug/l	2.0	--
Acenaphthylene	ND		ug/l	2.0	--
Anthracene	ND		ug/l	2.0	--
Benzo(ghi)perylene	ND		ug/l	2.0	--
Fluorene	ND		ug/l	2.0	--
Phenanthrene	ND		ug/l	2.0	--
Dibenzo(a,h)anthracene	ND		ug/l	2.0	--
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	--
Pyrene	ND		ug/l	2.0	--
Biphenyl	ND		ug/l	2.0	--
4-Chloroaniline	ND		ug/l	5.0	--
2-Nitroaniline	ND		ug/l	5.0	--
3-Nitroaniline	ND		ug/l	5.0	--
4-Nitroaniline	ND		ug/l	5.0	--
Dibenzofuran	ND		ug/l	2.0	--
2-Methylnaphthalene	ND		ug/l	2.0	--
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	--
Acetophenone	ND		ug/l	5.0	--
2,4,6-Trichlorophenol	ND		ug/l	5.0	--
p-Chloro-m-cresol	ND		ug/l	2.0	--
2-Chlorophenol	ND		ug/l	2.0	--
2,4-Dichlorophenol	ND		ug/l	5.0	--
2,4-Dimethylphenol	ND		ug/l	5.0	--
2-Nitrophenol	ND		ug/l	10	--
4-Nitrophenol	ND		ug/l	10	--
2,4-Dinitrophenol	ND		ug/l	20	--
4,6-Dinitro-o-cresol	ND		ug/l	10	--
Pentachlorophenol	ND		ug/l	10	--
Phenol	ND		ug/l	5.0	--
2-Methylphenol	ND		ug/l	5.0	--

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212561
Report Date: 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/22/12 17:00
Analyst: JB

Extraction Method: EPA 3510C
Extraction Date: 07/17/12 12:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 11-12,25-26 Batch: WG551673-1					
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	--
2,4,5-Trichlorophenol	ND		ug/l	5.0	--
Carbazole	ND		ug/l	2.0	--
Atrazine	ND		ug/l	10	--
Benzaldehyde	ND		ug/l	5.0	--
Caprolactam	ND		ug/l	10	--
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	89		15-120
2,4,6-Tribromophenol	96		10-120
4-Terphenyl-d14	108		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212561

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10,13-17 Batch: WG550878-2 WG550878-3								
Acenaphthene	83		84		31-137	1		50
Hexachlorobenzene	85		88		40-140	3		50
Bis(2-chloroethyl)ether	83		85		40-140	2		50
2-Chloronaphthalene	88		86		40-140	2		50
3,3'-Dichlorobenzidine	58		75		40-140	26		50
2,4-Dinitrotoluene	**90**	Q	**96**	Q	28-89	6		50
2,6-Dinitrotoluene	95		92		40-140	3		50
Fluoranthene	91		94		40-140	3		50
4-Chlorophenyl phenyl ether	89		91		40-140	2		50
4-Bromophenyl phenyl ether	91		96		40-140	5		50
Bis(2-chloroisopropyl)ether	85		87		40-140	2		50
Bis(2-chloroethoxy)methane	85		93		40-117	9		50
Hexachlorobutadiene	86		82		40-140	5		50
Hexachlorocyclopentadiene	70		62		40-140	12		50
Hexachloroethane	75		73		40-140	3		50
Isophorone	82		88		40-140	7		50
Naphthalene	81		79		40-140	3		50
Nitrobenzene	83		81		40-140	2		50
NitrosoDiPhenylAmine(NDPA)/DPA	88		94		36-157	7		50
n-Nitrosodi-n-propylamine	85		87		32-121	2		50
Bis(2-Ethylhexyl)phthalate	91		99		40-140	8		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212561

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10,13-17 Batch: WG550878-2 WG550878-3								
Butyl benzyl phthalate	95		97		40-140	2		50
Di-n-butylphthalate	91		95		40-140	4		50
Di-n-octylphthalate	94		100		40-140	6		50
Diethyl phthalate	89		92		40-140	3		50
Dimethyl phthalate	89		90		40-140	1		50
Benzo(a)anthracene	88		94		40-140	7		50
Benzo(a)pyrene	89		94		40-140	5		50
Benzo(b)fluoranthene	88		96		40-140	9		50
Benzo(k)fluoranthene	91		95		40-140	4		50
Chrysene	88		97		40-140	10		50
Acenaphthylene	85		85		40-140	0		50
Anthracene	87		93		40-140	7		50
Benzo(ghi)perylene	91		94		40-140	3		50
Fluorene	82		86		40-140	5		50
Phenanthrene	87		92		40-140	6		50
Dibenzo(a,h)anthracene	91		95		40-140	4		50
Indeno(1,2,3-cd)Pyrene	93		94		40-140	1		50
Pyrene	89		94		35-142	5		50
Biphenyl	76		75		54-104	1		50
4-Chloroaniline	58		67		40-140	14		50
2-Nitroaniline	92		95		47-134	3		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212561

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10,13-17 Batch: WG550878-2 WG550878-3								
3-Nitroaniline	67		73		26-129	9		50
4-Nitroaniline	90		95		41-125	5		50
Dibenzofuran	89		90		40-140	1		50
2-Methylnaphthalene	84		82		40-140	2		50
1,2,4,5-Tetrachlorobenzene	76		73		40-117	4		50
Acetophenone	78		82		14-144	5		50
2,4,6-Trichlorophenol	95		96		30-130	1		50
P-Chloro-M-Cresol	98		98		26-103	0		50
2-Chlorophenol	88		95		25-102	8		50
2,4-Dichlorophenol	96		94		30-130	2		50
2,4-Dimethylphenol	92		96		30-130	4		50
2-Nitrophenol	90		89		30-130	1		50
4-Nitrophenol	**117**	Q	**118**	Q	11-114	1		50
2,4-Dinitrophenol	79		78		4-130	1		50
4,6-Dinitro-o-cresol	84		83		10-130	1		50
Pentachlorophenol	84		92		17-109	9		50
Phenol	85		**91**	Q	26-90	7		50
2-Methylphenol	93		89		30-130.	4		50
3-Methylphenol/4-Methylphenol	90		95		30-130	5		50
2,4,5-Trichlorophenol	97		96		30-130	1		50
Carbazole	92		95		54-128	3		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212561

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10,13-17 Batch: WG550878-2 WG550878-3								
Atrazine	85		90		40-140	6		50
Benzaldehyde	85		89		40-140	5		50
Caprolactam	89		90		15-130	1		50
2,3,4,6-Tetrachlorophenol	90		92		40-140	2		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	96		105		25-120
Phenol-d6	98		108		10-120
Nitrobenzene-d5	86		94		23-120
2-Fluorobiphenyl	94		88		30-120
2,4,6-Tribromophenol	92		102		0-136
4-Terphenyl-d14	94		99		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212561

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 18-24 Batch: WG550892-2 WG550892-3								
Acenaphthene	83		84		31-137	1		50
Hexachlorobenzene	85		88		40-140	3		50
Bis(2-chloroethyl)ether	83		85		40-140	2		50
2-Chloronaphthalene	88		86		40-140	2		50
3,3'-Dichlorobenzidine	58		75		40-140	26		50
2,4-Dinitrotoluene	**90**	Q	**96**	Q	28-89	6		50
2,6-Dinitrotoluene	95		92		40-140	3		50
Fluoranthene	91		94		40-140	3		50
4-Chlorophenyl phenyl ether	89		91		40-140	2		50
4-Bromophenyl phenyl ether	91		96		40-140	5		50
Bis(2-chloroisopropyl)ether	85		87		40-140	2		50
Bis(2-chloroethoxy)methane	85		93		40-117	9		50
Hexachlorobutadiene	86		82		40-140	5		50
Hexachlorocyclopentadiene	70		62		40-140	12		50
Hexachloroethane	75		73		40-140	3		50
Isophorone	82		88		40-140	7		50
Naphthalene	81		79		40-140	3		50
Nitrobenzene	83		81		40-140	2		50
NitrosoDiPhenylAmine(NDPA)/DPA	88		94		36-157	7		50
n-Nitrosodi-n-propylamine	85		87		32-121	2		50
Bis(2-Ethylhexyl)phthalate	91		99		40-140	8		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212561

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 18-24 Batch: WG550892-2 WG550892-3								
Butyl benzyl phthalate	95		97		40-140	2		50
Di-n-butylphthalate	91		95		40-140	4		50
Di-n-octylphthalate	94		100		40-140	6		50
Diethyl phthalate	89		92		40-140	3		50
Dimethyl phthalate	89		90		40-140	1		50
Benzo(a)anthracene	88		94		40-140	7		50
Benzo(a)pyrene	89		94		40-140	5		50
Benzo(b)fluoranthene	88		96		40-140	9		50
Benzo(k)fluoranthene	91		95		40-140	4		50
Chrysene	88		97		40-140	10		50
Acenaphthylene	85		85		40-140	0		50
Anthracene	87		93		40-140	7		50
Benzo(ghi)perylene	91		94		40-140	3		50
Fluorene	82		86		40-140	5		50
Phenanthrene	87		92		40-140	6		50
Dibenzo(a,h)anthracene	91		95		40-140	4		50
Indeno(1,2,3-cd)Pyrene	93		94		40-140	1		50
Pyrene	89		94		35-142	5		50
Biphenyl	76		75		54-104	1		50
4-Chloroaniline	58		67		40-140	14		50
2-Nitroaniline	92		95		47-134	3		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212561

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 18-24 Batch: WG550892-2 WG550892-3								
3-Nitroaniline	67		73		26-129	9		50
4-Nitroaniline	90		95		41-125	5		50
Dibenzofuran	89		90		40-140	1		50
2-Methylnaphthalene	84		82		40-140	2		50
1,2,4,5-Tetrachlorobenzene	76		73		40-117	4		50
Acetophenone	78		82		14-144	5		50
2,4,6-Trichlorophenol	95		96		30-130	1		50
P-Chloro-M-Cresol	98		98		26-103	0		50
2-Chlorophenol	88		95		25-102	8		50
2,4-Dichlorophenol	96		94		30-130	2		50
2,4-Dimethylphenol	92		96		30-130	4		50
2-Nitrophenol	90		89		30-130	1		50
4-Nitrophenol	**117**	Q	**118**	Q	11-114	1		50
2,4-Dinitrophenol	79		78		4-130	1		50
4,6-Dinitro-o-cresol	84		83		10-130	1		50
Pentachlorophenol	84		92		17-109	9		50
Phenol	85		**91**	Q	26-90	7		50
2-Methylphenol	93		89		30-130.	4		50
3-Methylphenol/4-Methylphenol	90		95		30-130	5		50
2,4,5-Trichlorophenol	97		96		30-130	1		50
Carbazole	92		95		54-128	3		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212561

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 18-24 Batch: WG550892-2 WG550892-3								
Atrazine	85		90		40-140	6		50
Benzaldehyde	85		89		40-140	5		50
Caprolactam	89		90		15-130	1		50
2,3,4,6-Tetrachlorophenol	90		92		40-140	2		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	96		105		25-120
Phenol-d6	98		108		10-120
Nitrobenzene-d5	86		94		23-120
2-Fluorobiphenyl	94		88		30-120
2,4,6-Tribromophenol	92		102		0-136
4-Terphenyl-d14	94		99		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212561

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11-12,25-26 Batch: WG551673-2 WG551673-3								
Acenaphthene	74		72		37-111	3		30
Hexachlorobenzene	76		71		40-140	7		30
Bis(2-chloroethyl)ether	79		71		40-140	11		30
2-Chloronaphthalene	76		73		40-140	4		30
3,3'-Dichlorobenzidine	71		79		40-140	11		30
2,4-Dinitrotoluene	89		84		24-96	6		30
2,6-Dinitrotoluene	84		78		40-140	7		30
Fluoranthene	81		80		40-140	1		30
4-Chlorophenyl phenyl ether	78		73		40-140	7		30
4-Bromophenyl phenyl ether	76		71		40-140	7		30
Bis(2-chloroisopropyl)ether	86		76		40-140	12		30
Bis(2-chloroethoxy)methane	78		71		40-140	9		30
Hexachlorobutadiene	62		62		40-140	0		30
Hexachlorocyclopentadiene	46		47		40-140	2		30
Hexachloroethane	63		61		40-140	3		30
Isophorone	78		71		40-140	9		30
Naphthalene	70		67		40-140	4		30
Nitrobenzene	82		76		40-140	8		30
NitrosoDiPhenylAmine(NDPA)/DPA	75		71		40-140	5		30
n-Nitrosodi-n-propylamine	79		70		29-132	12		30
Bis(2-Ethylhexyl)phthalate	100		92		40-140	8		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212561

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11-12,25-26 Batch: WG551673-2 WG551673-3								
Butyl benzyl phthalate	92		90		40-140	2		30
Di-n-butylphthalate	92		89		40-140	3		30
Di-n-octylphthalate	108		99		40-140	9		30
Diethyl phthalate	86		80		40-140	7		30
Dimethyl phthalate	81		76		40-140	6		30
Benzo(a)anthracene	84		79		40-140	6		30
Benzo(a)pyrene	84		81		40-140	4		30
Benzo(b)fluoranthene	88		78		40-140	12		30
Benzo(k)fluoranthene	84		86		40-140	2		30
Chrysene	80		78		40-140	3		30
Acenaphthylene	76		70		45-123	8		30
Anthracene	81		79		40-140	3		30
Benzo(ghi)perylene	86		84		40-140	2		30
Fluorene	79		75		40-140	5		30
Phenanthrene	81		79		40-140	3		30
Dibenzo(a,h)anthracene	91		89		40-140	2		30
Indeno(1,2,3-cd)Pyrene	91		89		40-140	2		30
Pyrene	80		79		26-127	1		30
Biphenyl	74		72			3		30
4-Chloroaniline	67		63		40-140	6		30
2-Nitroaniline	84		80		52-143	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212561

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11-12,25-26 Batch: WG551673-2 WG551673-3								
3-Nitroaniline	55		66		25-145	18		30
4-Nitroaniline	73		72		51-143	1		30
Dibenzofuran	77		73		40-140	5		30
2-Methylnaphthalene	71		68		40-140	4		30
1,2,4,5-Tetrachlorobenzene	73		69		2-134	6		30
Acetophenone	82		75		39-129	9		30
2,4,6-Trichlorophenol	88		82		30-130	7		30
P-Chloro-M-Cresol	87		80		23-97	8		30
2-Chlorophenol	80		73		27-123	9		30
2,4-Dichlorophenol	84		80		30-130	5		30
2,4-Dimethylphenol	76		68		30-130	11		30
2-Nitrophenol	88		79		30-130	11		30
4-Nitrophenol	54		56		10-80	4		30
2,4-Dinitrophenol	89		90		20-130	1		30
4,6-Dinitro-o-cresol	84		78		20-164	7		30
Pentachlorophenol	78		77		9-103	1		30
Phenol	42		38		12-110	10		30
2-Methylphenol	72		63		30-130	13		30
3-Methylphenol/4-Methylphenol	71		67		30-130	6		30
2,4,5-Trichlorophenol	89		81		30-130	9		30
Carbazole	81		79		55-144	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212561

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11-12,25-26 Batch: WG551673-2 WG551673-3								
Atrazine	102		101		40-140	1		30
Benzaldehyde	90		89		40-140	1		30
Caprolactam	30		29		10-130	3		30
2,3,4,6-Tetrachlorophenol	84		78		40-140	7		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	59		54		21-120
Phenol-d6	39		35		10-120
Nitrobenzene-d5	84		76		23-120
2-Fluorobiphenyl	75		71		15-120
2,4,6-Tribromophenol	89		90		10-120
4-Terphenyl-d14	87		85		41-149

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212561
Report Date: 08/16/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10,13-17 QC Batch ID: WG550878-4 WG550878-5 QC Sample: L1212561-06 Client ID: S-12L-B003-9.0-9.5												
Acenaphthene	ND	1460	1300	89		1400	95		31-137	7		50
Hexachlorobenzene	ND	1460	1400	96		1500	100		40-140	7		50
Bis(2-chloroethyl)ether	ND	1460	1200	82		1300	88		40-140	8		50
2-Chloronaphthalene	ND	1460	1400	96		1400	95		40-140	0		50
3,3'-Dichlorobenzidine	ND	1460	820	56		860	58		40-140	5		50
2,4-Dinitrotoluene	ND	1460	1400	**96**	Q	1400	**95**	Q	28-89	0		50
2,6-Dinitrotoluene	ND	1460	1400	96		1600	110		40-140	13		50
Fluoranthene	ND	1460	1400	96		1500	100		40-140	7		50
4-Chlorophenyl phenyl ether	ND	1460	1400	96		1500	100		40-140	7		50
4-Bromophenyl phenyl ether	ND	1460	1500	100		1500	100		40-140	0		50
Bis(2-chloroisopropyl)ether	ND	1460	1200	82		1400	95		40-140	15		50
Bis(2-chloroethoxy)methane	ND	1460	1300	89		1400	95		40-117	7		50
Hexachlorobutadiene	ND	1460	1300	89		1400	95		40-140	7		50
Hexachlorocyclopentadiene	ND	1460	880	60		990	67		40-140	12		50
Hexachloroethane	ND	1460	1100	76		1200	82		40-140	9		50
Isophorone	ND	1460	1300	89		1300	88		40-140	0		50
Naphthalene	ND	1460	1200	82		1300	88		40-140	8		50
Nitrobenzene	ND	1460	1200	82		1300	88		40-140	8		50
NitrosoDiPhenylAmine(NDPA)/DPA	ND	1460	1400	96		1500	100		36-157	7		50
n-Nitrosodi-n-propylamine	ND	1460	1200	82		1300	88		32-121	8		50
Bis(2-Ethylhexyl)phthalate	ND	1460	1700	120		1700	120		40-140	0		50

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212561
Report Date: 08/16/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10,13-17 QC Batch ID: WG550878-4 WG550878-5 QC Sample: L1212561-06 Client ID: S-12L-B003-9.0-9.5												
Butyl benzyl phthalate	ND	1460	1400	96		1500	100		40-140	7		50
Di-n-butylphthalate	ND	1460	1400	96		1500	100		40-140	7		50
Di-n-octylphthalate	ND	1460	1500	100		1500	100		40-140	0		50
Diethyl phthalate	ND	1460	1400	96		1400	95		40-140	0		50
Dimethyl phthalate	ND	1460	1300	89		1400	95		40-140	7		50
Benzo(a)anthracene	ND	1460	1400	96		1500	100		40-140	7		50
Benzo(a)pyrene	ND	1460	1400	96		1400	95		40-140	0		50
Benzo(b)fluoranthene	ND	1460	1400	96		1400	95		40-140	0		50
Benzo(k)fluoranthene	ND	1460	1400	96		1500	100		40-140	7		50
Chrysene	ND	1460	1400	96		1400	95		40-140	0		50
Acenaphthylene	ND	1460	1300	89		1400	95		40-140	7		50
Anthracene	ND	1460	1400	96		1400	95		40-140	0		50
Benzo(ghi)perylene	ND	1460	1400	96		1500	100		40-140	7		50
Fluorene	ND	1460	1300	89		1400	95		40-140	7		50
Phenanthrene	ND	1460	1400	96		1400	95		40-140	0		50
Dibenzo(a,h)anthracene	ND	1460	1400	96		1500	100		40-140	7		50
Indeno(1,2,3-cd)Pyrene	ND	1460	1400	96		1500	100		40-140	7		50
Pyrene	ND	1460	1400	96		1500	100		35-142	7		50
Biphenyl	ND	1460	1200	82		1300	88		54-104	8		50
4-Chloroaniline	ND	1460	890	61		1000	68		40-140	12		50
2-Nitroaniline	ND	1460	1400	96		1500	100		47-134	7		50

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212561
Report Date: 08/16/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10,13-17 QC Batch ID: WG550878-4 WG550878-5 QC Sample: L1212561-06 Client ID: S-12L-B003-9.0-9.5												
3-Nitroaniline	ND	1460	1100	76		1200	82		26-129	9		50
4-Nitroaniline	ND	1460	1400	96		1400	95		41-125	0		50
Dibenzofuran	ND	1460	1400	96		1400	95		40-140	0		50
2-Methylnaphthalene	ND	1460	1300	89		1400	95		40-140	7		50
1,2,4,5-Tetrachlorobenzene	ND	1460	1300	89		1400	95		40-117	7		50
Acetophenone	ND	1460	1200	82		1300	88		14-144	8		50
2,4,6-Trichlorophenol	ND	1460	1500	100		1600	110		30-130	6		50
P-Chloro-M-Cresol	ND	1460	1500	100		1600	**110**	Q	26-103	6		50
2-Chlorophenol	ND	1460	1300	89		1400	95		25-102	7		50
2,4-Dichlorophenol	ND	1460	1500	100		1600	110		30-130	6		50
2,4-Dimethylphenol	ND	1460	1400	96		1400	95		30-130	0		50
2-Nitrophenol	ND	1460	1400	96		1400	95		30-130	0		50
4-Nitrophenol	ND	1460	1600	110		1700	**120**	Q	11-114	6		50
2,4-Dinitrophenol	ND	1460	ND	**0**	Q	ND	**0**	Q	4-130	NC		50
4,6-Dinitro-o-cresol	ND	1460	680	47		ND	**0**	Q	10-130	NC		50
Pentachlorophenol	ND	1460	1100	76		1200	82		17-109	9		50
Phenol	ND	1460	1300	89		1400	**95**	Q	26-90	7		50
2-Methylphenol	ND	1460	1400	96		1400	95		30-130.	0		50
3-Methylphenol/4-Methylphenol	ND	1460	1400	96		1400	95		30-130	0		50
2,4,5-Trichlorophenol	ND	1460	1600	110		1500	100		30-130	6		50
Carbazole	ND	1460	1400	96		1500	100		54-128	7		50

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212561
Report Date: 08/16/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10,13-17 QC Batch ID: WG550878-4 WG550878-5 QC Sample: L1212561-06 Client ID: S-12L-B003-9.0-9.5												
Atrazine	ND	1460	1100	76		1200	82		40-140	9		50
Benzaldehyde	ND	1460	1300	89		1400	95		40-140	7		50
Caprolactam	ND	1460	1300	89		1400	95		15-130	7		50
2,3,4,6-Tetrachlorophenol	ND	1460	1400	96		1500	100		40-140	7		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	98		104		0-136
2-Fluorobiphenyl	93		102		30-120
2-Fluorophenol	100		112		25-120
4-Terphenyl-d14	102		106		18-120
Nitrobenzene-d5	91		96		23-120
Phenol-d6	101		110		10-120

INORGANICS
&
MISCELLANEOUS

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212561
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-01
Client ID: S-12L-B003-0.6-1.1
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/13/12 12:00
Date Received: 07/14/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	17		%	0.10	NA	1	-	07/16/12 16:00	30,2540G	DC

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212561
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-02
Client ID: S-12L-B003-2.0-2.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment
Date Collected: 07/13/12 12:00
Date Received: 07/14/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	73		%	0.10	NA	1	-	07/16/12 16:00	30,2540G	DC

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212561
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-03
Client ID: S-12L-B003-2.0-2.5 REP
Sample Location: NEW BEDFORD, MA
Matrix: Sediment
Date Collected: 07/13/12 12:00
Date Received: 07/14/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84		%	0.10	NA	1	-	07/16/12 16:00	30,2540G	DC

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212561
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-04
Client ID: S-12L-B003-3.5-4.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/13/12 12:15
Date Received: 07/14/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92		%	0.10	NA	1	-	07/16/12 16:00	30,2540G	DC

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212561
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-05
Client ID: S-12L-B003-4.5-5.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/13/12 12:15
Date Received: 07/14/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92		%	0.10	NA	1	-	07/16/12 16:00	30,2540G	DC

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212561
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-06
Client ID: S-12L-B003-9.0-9.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/13/12 12:30
Date Received: 07/14/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90		%	0.10	NA	1	-	07/16/12 16:00	30,2540G	DC

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212561
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-07
Client ID: S-12L-B003-14.5-15.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/13/12 14:00
Date Received: 07/14/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92		%	0.10	NA	1	-	07/16/12 16:00	30,2540G	DC

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212561
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-08
Client ID: S-12L-B003-19.5-20.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/13/12 14:35
Date Received: 07/14/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92		%	0.10	NA	1	-	07/16/12 16:00	30,2540G	DC

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212561
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-09
Client ID: S-12L-B003-21.5-22.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/13/12 15:15
Date Received: 07/14/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91		%	0.10	NA	1	-	07/16/12 16:00	30,2540G	DC

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212561
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-10
Client ID: S-12L-B003-22.5-23.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/13/12 15:15
Date Received: 07/14/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79		%	0.10	NA	1	-	07/16/12 16:00	30,2540G	DC

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212561
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-13
Client ID: S-12L-B004-3.5-4.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/14/12 07:40
Date Received: 07/14/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82		%	0.10	NA	1	-	07/16/12 16:00	30,2540G	DC

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212561
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-14
Client ID: S-12L-B004-3.5-4.0 REP
Sample Location: NEW BEDFORD, MA
Matrix: Sediment
Date Collected: 07/14/12 07:40
Date Received: 07/14/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81		%	0.10	NA	1	-	07/16/12 16:20	30,2540G	DC

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212561
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-15
Client ID: S-12L-B004-0.5-1.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/14/12 07:40
Date Received: 07/14/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76		%	0.10	NA	1	-	07/16/12 16:20	30,2540G	DC

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212561
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-16
Client ID: S-12L-B004-6.5-7.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/14/12 08:35
Date Received: 07/14/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81		%	0.10	NA	1	-	07/16/12 16:20	30,2540G	DC

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212561
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-17
Client ID: S-12L-B004-7.5-8.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/14/12 08:35
Date Received: 07/14/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90		%	0.10	NA	1	-	07/16/12 16:20	30,2540G	DC

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212561
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-18
Client ID: S-12L-B004-11.0-11.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/14/12 08:50
Date Received: 07/14/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95		%	0.10	NA	1	-	07/16/12 16:20	30,2540G	DC

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212561
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-19
Client ID: S-12L-B004-15.5-16.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/14/12 09:25
Date Received: 07/14/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91		%	0.10	NA	1	-	07/16/12 16:20	30,2540G	DC

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212561
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-20
Client ID: S-12L-B004-17.5-18.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/14/12 09:25
Date Received: 07/14/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82		%	0.10	NA	1	-	07/16/12 16:20	30,2540G	DC

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212561
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-21
Client ID: S-12L-B004-20.0-20.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/14/12 09:50
Date Received: 07/14/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90		%	0.10	NA	1	-	07/16/12 16:20	30,2540G	DC

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212561
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-22
Client ID: S-12L-B005-0.5-1.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/14/12 10:45
Date Received: 07/14/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	34		%	0.10	NA	1	-	07/16/12 16:20	30,2540G	DC

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212561
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-23
Client ID: S-12L-B005-0.5-1.0 REP
Sample Location: NEW BEDFORD, MA
Matrix: Sediment
Date Collected: 07/14/12 10:45
Date Received: 07/14/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	38		%	0.10	NA	1	-	07/16/12 16:20	30,2540G	DC

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212561
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212561-24
Client ID: S-12L-B005-4.0-4.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/14/12 10:45
Date Received: 07/14/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83		%	0.10	NA	1	-	07/16/12 16:20	30,2540G	DC

Lab Duplicate Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212561
Report Date: 08/16/12

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-10,13 QC Batch ID: WG551066-1 QC Sample: L1212561-06 Client ID: S-12L-B003-9.0-9.5						
Solids, Total	90	89	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 14-24 QC Batch ID: WG551355-1 QC Sample: L1212561-24 Client ID: S-12L-B005-4.0-4.5						
Solids, Total	83	80	%	4		20

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212561
Report Date: 08/16/12

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 07/15/2012 15:15

Cooler Information	Custody Seal
Cooler	
A	Absent
D	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1212561-01A	Amber 250ml unpreserved	A	N/A	4	Y	Absent	8270TCL(14)
L1212561-01B	Vial water preserved	C	N/A	3	Y	Absent	HOLD-8260HLW(14)
L1212561-01C	Vial water preserved	C	N/A	3	Y	Absent	HOLD-8260HLW(14)
L1212561-01M	Amber 250ml unpreserved	A	N/A	4	Y	Absent	HOLD-CONTINGENCY(14)
L1212561-02A	Amber 250ml unpreserved	A	N/A	4	Y	Absent	8270TCL(14)
L1212561-02B	Vial water preserved	C	N/A	3	Y	Absent	HOLD-8260HLW(14)
L1212561-02C	Vial water preserved	C	N/A	3	Y	Absent	HOLD-8260HLW(14)
L1212561-02M	Amber 250ml unpreserved	A	N/A	4	Y	Absent	HOLD-CONTINGENCY(14)
L1212561-03A	Amber 250ml unpreserved	A	N/A	4	Y	Absent	8270TCL(14)
L1212561-03B	Vial water preserved	C	N/A	3	Y	Absent	HOLD-8260HLW(14)
L1212561-03C	Vial water preserved	C	N/A	3	Y	Absent	HOLD-8260HLW(14)
L1212561-03M	Amber 250ml unpreserved	A	N/A	4	Y	Absent	HOLD-CONTINGENCY(14)
L1212561-04A	Amber 250ml unpreserved	A	N/A	4	Y	Absent	8270TCL(14)
L1212561-04B	Vial water preserved	C	N/A	3	Y	Absent	HOLD-8260HLW(14)
L1212561-04C	Vial water preserved	C	N/A	3	Y	Absent	HOLD-8260HLW(14)
L1212561-04M	Amber 250ml unpreserved	A	N/A	4	Y	Absent	HOLD-CONTINGENCY(14)
L1212561-05A	Amber 250ml unpreserved	A	N/A	4	Y	Absent	8270TCL(14)
L1212561-05B	Vial water preserved	C	N/A	3	Y	Absent	HOLD-8260HLW(14)
L1212561-05C	Vial water preserved	C	N/A	3	Y	Absent	HOLD-8260HLW(14)
L1212561-05M	Amber 250ml unpreserved	A	N/A	4	Y	Absent	HOLD-CONTINGENCY(14)
L1212561-06A	Amber 250ml unpreserved	A	N/A	4	Y	Absent	8270TCL(14)
L1212561-06B	Vial water preserved	C	N/A	3	Y	Absent	HOLD-8260HLW(14)
L1212561-06C	Vial water preserved	C	N/A	3	Y	Absent	HOLD-8260HLW(14)

(*) Values in parentheses indicate holding time in days

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212561
Report Date: 08/16/12

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1212561-06D	Vial water preserved	C	N/A	3	Y	Absent	HOLD-8260HLW(14)
L1212561-06E	Vial water preserved	C	N/A	3	Y	Absent	HOLD-8260HLW(14)
L1212561-06F	Amber 250ml unpreserved	A	N/A	4	Y	Absent	8270TCL(14)
L1212561-06M	Amber 250ml unpreserved	A	N/A	4	Y	Absent	HOLD-CONTINGENCY(14)
L1212561-06N	Amber 250ml unpreserved	A	N/A	4	Y	Absent	HOLD-CONTINGENCY(14)
L1212561-07A	Amber 250ml unpreserved	A	N/A	4	Y	Absent	8270TCL(14)
L1212561-07B	Vial water preserved	C	N/A	3	Y	Absent	8260HLW-WHG(14)
L1212561-07C	Vial water preserved	C	N/A	3	Y	Absent	8260HLW-WHG(14)
L1212561-07M	Amber 250ml unpreserved	A	N/A	4	Y	Absent	HOLD-CONTINGENCY(14)
L1212561-08A	Amber 250ml unpreserved	A	N/A	4	Y	Absent	8270TCL(14)
L1212561-08B	Vial water preserved	C	N/A	3	Y	Absent	HOLD-8260HLW(14)
L1212561-08C	Vial water preserved	C	N/A	3	Y	Absent	HOLD-8260HLW(14)
L1212561-08M	Amber 250ml unpreserved	A	N/A	4	Y	Absent	HOLD-CONTINGENCY(14)
L1212561-09A	Amber 250ml unpreserved	A	N/A	4	Y	Absent	8270TCL(14)
L1212561-09B	Vial water preserved	C	N/A	3	Y	Absent	HOLD-8260HLW(14)
L1212561-09C	Vial water preserved	C	N/A	3	Y	Absent	HOLD-8260HLW(14)
L1212561-09M	Amber 250ml unpreserved	A	N/A	4	Y	Absent	HOLD-CONTINGENCY(14)
L1212561-10A	Amber 250ml unpreserved	A	N/A	4	Y	Absent	8270TCL(14)
L1212561-10B	Vial water preserved	C	N/A	3	Y	Absent	HOLD-8260HLW(14)
L1212561-10C	Vial water preserved	C	N/A	3	Y	Absent	HOLD-8260HLW(14)
L1212561-10M	Amber 250ml unpreserved	A	N/A	4	Y	Absent	HOLD-CONTINGENCY(14)
L1212561-11A	Amber 1000ml unpreserved	D	7	4	Y	Absent	8270TCL(7)
L1212561-12A	Amber 1000ml unpreserved	C	7	3	Y	Absent	8270TCL(7)
L1212561-12B	Amber 1000ml unpreserved	C	7	3	Y	Absent	8270TCL(7)
L1212561-13A	Amber 250ml unpreserved	B	N/A	3	Y	Absent	8270TCL(14)
L1212561-13B	Vial water preserved	C	N/A	3	Y	Absent	HOLD-8260HLW(14)
L1212561-13C	Vial water preserved	C	N/A	3	Y	Absent	HOLD-8260HLW(14)
L1212561-13M	Amber 250ml unpreserved	B	N/A	3	Y	Absent	HOLD-CONTINGENCY(14)
L1212561-14A	Amber 250ml unpreserved	B	N/A	3	Y	Absent	8270TCL(14)
L1212561-14B	Vial water preserved	C	N/A	3	Y	Absent	HOLD-8260HLW(14)
L1212561-14C	Vial water preserved	C	N/A	3	Y	Absent	HOLD-8260HLW(14)
L1212561-14M	Amber 250ml unpreserved	B	N/A	3	Y	Absent	HOLD-CONTINGENCY(14)
L1212561-15A	Amber 250ml unpreserved	B	N/A	3	Y	Absent	8270TCL(14)
L1212561-15B	Vial water preserved	C	N/A	3	Y	Absent	HOLD-8260HLW(14)
L1212561-15C	Vial water preserved	C	N/A	3	Y	Absent	HOLD-8260HLW(14)
L1212561-15M	Amber 250ml unpreserved	B	N/A	3	Y	Absent	HOLD-CONTINGENCY(14)

(*) Values in parentheses indicate holding time in days

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212561
Report Date: 08/16/12

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1212561-16A	Amber 250ml unpreserved	B	N/A	3	Y	Absent	8270TCL(14)
L1212561-16B	Vial water preserved	C	N/A	3	Y	Absent	HOLD-8260HLW(14)
L1212561-16C	Vial water preserved	C	N/A	3	Y	Absent	HOLD-8260HLW(14)
L1212561-16M	Amber 250ml unpreserved	B	N/A	3	Y	Absent	HOLD-CONTINGENCY(14)
L1212561-17A	Amber 250ml unpreserved	B	N/A	3	Y	Absent	8270TCL(14)
L1212561-17B	Vial water preserved	C	N/A	3	Y	Absent	HOLD-8260HLW(14)
L1212561-17C	Vial water preserved	C	N/A	3	Y	Absent	HOLD-8260HLW(14)
L1212561-17M	Amber 250ml unpreserved	B	N/A	3	Y	Absent	HOLD-CONTINGENCY(14)
L1212561-18A	Amber 250ml unpreserved	B	N/A	3	Y	Absent	8270TCL(14)
L1212561-18B	Vial water preserved	C	N/A	3	Y	Absent	8260HLW-WHG(14)
L1212561-18C	Vial water preserved	C	N/A	3	Y	Absent	8260HLW-WHG(14)
L1212561-18M	Amber 250ml unpreserved	B	N/A	3	Y	Absent	HOLD-CONTINGENCY(14)
L1212561-19A	Amber 250ml unpreserved	B	N/A	3	Y	Absent	8270TCL(14)
L1212561-19B	Vial water preserved	C	N/A	3	Y	Absent	HOLD-8260HLW(14)
L1212561-19C	Vial water preserved	C	N/A	3	Y	Absent	HOLD-8260HLW(14)
L1212561-19M	Amber 250ml unpreserved	B	N/A	3	Y	Absent	HOLD-CONTINGENCY(14)
L1212561-20A	Amber 250ml unpreserved	B	N/A	3	Y	Absent	8270TCL(14)
L1212561-20B	Vial water preserved	C	N/A	3	Y	Absent	HOLD-8260HLW(14)
L1212561-20C	Vial water preserved	C	N/A	3	Y	Absent	HOLD-8260HLW(14)
L1212561-20M	Amber 250ml unpreserved	B	N/A	3	Y	Absent	HOLD-CONTINGENCY(14)
L1212561-21A	Amber 250ml unpreserved	B	N/A	3	Y	Absent	8270TCL(14)
L1212561-21B	Vial water preserved	C	N/A	3	Y	Absent	8260HLW-WHG(14)
L1212561-21C	Vial water preserved	C	N/A	3	Y	Absent	8260HLW-WHG(14)
L1212561-21M	Amber 250ml unpreserved	B	N/A	3	Y	Absent	HOLD-CONTINGENCY(14)
L1212561-22A	Amber 250ml unpreserved	B	N/A	3	Y	Absent	8270TCL(14)
L1212561-22B	Vial water preserved	C	N/A	3	Y	Absent	8260HLW-WHG(14)
L1212561-22C	Vial water preserved	C	N/A	3	Y	Absent	8260HLW-WHG(14)
L1212561-22M	Amber 250ml unpreserved	B	N/A	3	Y	Absent	HOLD-CONTINGENCY(14)
L1212561-23A	Amber 250ml unpreserved	B	N/A	3	Y	Absent	8270TCL(14)
L1212561-23B	Vial water preserved	C	N/A	3	Y	Absent	8260HLW-WHG(14)
L1212561-23C	Vial water preserved	C	N/A	3	Y	Absent	8260HLW-WHG(14)
L1212561-23M	Amber 250ml unpreserved	B	N/A	3	Y	Absent	HOLD-CONTINGENCY(14)
L1212561-24A	Amber 250ml unpreserved	B	N/A	3	Y	Absent	8270TCL(14)
L1212561-24B	Vial water preserved	C	N/A	3	Y	Absent	8260HLW-WHG(14)
L1212561-24C	Vial water preserved	C	N/A	3	Y	Absent	8260HLW-WHG(14)
L1212561-24D	Vial water preserved	C	N/A	3	Y	Absent	8260HLW-WHG(14)

*Values in parentheses indicate holding time in days

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212561
Report Date: 08/16/12

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1212561-24E	Vial water preserved	C	N/A	3	Y	Absent	8260HLW-WHG(14)
L1212561-24F	Amber 250ml unpreserved	B	N/A	3	Y	Absent	8270TCL(14)
L1212561-24M	Amber 250ml unpreserved	B	N/A	3	Y	Absent	HOLD-CONTINGENCY(14)
L1212561-24N	Amber 250ml unpreserved	B	N/A	3	Y	Absent	HOLD-CONTINGENCY(14)
L1212561-25A	Amber 1000ml unpreserved	D	7	4	Y	Absent	8270TCL(7)
L1212561-25B	Amber 1000ml unpreserved	D	7	4	Y	Absent	8270TCL(7)
L1212561-26A	Amber 1000ml unpreserved	D	7	4	Y	Absent	8270TCL(7)
L1212561-26B	Amber 1000ml unpreserved	D	7	4	Y	Absent	8270TCL(7)
L1212561-27B	Vial water preserved	C	N/A	3	Y	Absent	8260HLW-WHG(14)
L1212561-27C	Vial water preserved	C	N/A	3	Y	Absent	8260HLW-WHG(14)

(*) Values in parentheses indicate holding time in days

Project Name:	NEW BEDFORD AEROVOX	**Lab Number:**	L1212561
Project Number:	TO-0010-05	**Report Date:**	08/16/12

GLOSSARY

Acronyms

EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than five times (5x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit.
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
D	- Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
E	- Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
G	- The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
H	- The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
I	- The RPD between the results for the two columns exceeds the method-specified criteria; however, the lower value has been reported due to obvious interference.
M	- Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
NJ	- Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

Report Format: Data Usability Report

Project Name:	NEW BEDFORD AEROVOX	**Lab Number:**	L1212561
Project Number:	TO-0010-05	**Report Date:**	08/16/12

Data Qualifiers

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the reporting limit (RL) for the sample.

Report Format: Data Usability Report

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212561

Project Number: TO-0010-05 **Report Date:** 08/16/12

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certificate/Approval Program Summary

Last revised August 3, 2012 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0574. ***NELAP Accredited Solid Waste/Soil.***

Drinking Water (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Nickel, Selenium, Silver, Sodium, Thallium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP) 504.1, Ethylene Dibromide (EDB) 504.1, 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223, Enumeration and P/A), E. Coli. – Colilert (SM9223, Enumeration and P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform-EC Medium (SM 9221E).

Wastewater/Non-Potable Water (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), E. Coli – Colilert (SM9223 Enumeration), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E), Enterococcus - Enterolert.

Solid Waste/Soil (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Dalapon, Volatile Organics (SW 8260), Acid Extractables (Phenols) (SW 8270), Benzidines (SW 8270), Phthalates (SW 8270), Nitrosamines (SW 8270), Nitroaromatics & Cyclic Ketones (SW 8270), PAHs (SW 8270), Haloethers (SW 8270), Chlorinated Hydrocarbons (SW 8270).)

Maine Department of Human Services Certificate/Lab ID: 2009024.
Drinking Water (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 353.2, SM2130B, 2320B, 2540C, 4500Cl-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 350.1, 351.1, 353.2, 410.4, 420.1, SM2320B, 2510B, 2540C, 2540D, 426C, 4500Cl-D, 4500Cl-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-B, 4500Norg-C, 4500NH3-B, 4500NH3-G, 4500NO3-F, 4500P-B, 4500P-E, 5210B, 5220D, 5310C, 9010B, 9040B, 9030B, 7470A, 7196A, 2340B, EPA 200.7, 6010B, 200.8, 6020, 245.1, 1311, 1312, 3005A, Enterolert, 9223D, 9222D. Organic Parameters: 608, 624, 625, 8081A, 8082, 8330, 8151A, 8260B, 8270C, 3510C, 3630C, 5030B, ME-DRO, ME-GRO, MA-EPH, MA-VPH.)

Solid Waste/Soil (Inorganic Parameters: 9010B, 9012A, 9014A, 9030B, 9040B, 9045C, 6010B, 7471A, 7196A, 9050A, 1010, 1030, 9065, 1311, 1312, 3005A, 3050B. Organic Parameters: ME-DRO, ME-GRO, MA-EPH, MA-VPH, 8260B, 8270C, 8330, 8151A, 8081A, 8082, 3540C, 3546, 3580A, 3630C, 5030B, 5035.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.
*Drinking Water (*Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl) (EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate); (EPA 353.2 for: Nitrate-N, Nitrite-N); (SM4500NO3-F for: Nitrate-N and Nitrite-N); 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, 2320B, SM2540C, SM4500H-B. Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics); (504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), EPA 332. Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; ColilertQT SM9223B; MF-SM9222D.)

Non-Potable Water (Inorganic Parameters:, (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn); (EPA 200.7

for: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn); 245.1, SM4500H,B, EPA 120.1, SM2510B, 2540C, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.
Organic Parameters: (EPA 624 for Volatile Halocarbons, Volatile Aromatics),(608 for: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT,Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs-Water), (EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables), 600/4-81-045-PCB-Oil. Microbiology Parameters: (ColilertQT SM9223B; Enterolert-QT: SM9222D-MF.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM 9222B, 9223B, 9215B, EPA 200.7, 200.8, 300.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 332.0. Organic Parameters: 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM9222D, 9221B, 9222B, 9221E-EC, EPA 3005A, 200.7, 200.8, 245.1, SW-846 6010B, 6010C, 6020, 6020A, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 350.2, 351.1, 353.2, 410.4, 420.1, 426C, 1664A, SW-846 9010B, 9030B, 9040B, SM2120B, 2310B, 2320B, 2540B, 2540D, 4500H+B, 4500CL-E, 4500CN-E, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500P-E, 4500-S2-D, 5210B, 5220D, 2510B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D, 3060A. Organic Parameters: SW-846 3510C, 3630C, 5030B, 8260B, 8270C, 8270D, 8330, EPA 624, 625, 608, SW-846 8082, 8082A, 8081A, 8081B, 8151A, 8330, 8270C-SIM, 8270D-SIM.)

Solid & Chemical Materials (Inorganic Parameters: SW-846 6010B, 6010C, 7196A, 7471A, 1010, 1030, 9010, 9012A, 9014, 9030B, 9040B, 9045C, 9050, 9065,1311, 1312, 3005A, 3050B, 3060A. Organic Parameters: SW-846 3540C, 3546, 3050B, 3580A, 3630C, 5030B, 5035, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330, 8151A, 8015B, 8015C, 8082, 8082A, 8081A, 8081B.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9222B, 9221E, 9223B, 9215B, 4500CN-CE, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 200.8, 245.1, 2540C, SM2120B, 2320B, 2510B, 5310C, SM4500H-B. Organic Parameters: EPA 332, 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM5210B, EPA 410.4, SM5220D, 4500Cl-E, EPA 300.0, SM2120B, 2340B, SM4500F-BC, EPA 200.7, 200.8, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310B, C or D, 4500-PE, EPA 420.1, SM510ABC, SM4500P-B5+E, 2540B, 2540C, 2540D, 2540G, EPA 120.1, SM2510B, SM2520B, SM15 426C, 9222D, 9221B, 9221C, 9221E, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, EPA 350.1, 350.2, SW-846 1312, 7470A, 5540C, SM4500H-B, 4500SO3-B, SM3500Cr-D, 4500CN-CE, EPA 245.1, SW-846 9040B, 3005A, 3015, EPA 6010B, 6010C, 6020, 6020A, 7196A, 3060A, SW-846 9010B, 9030B. Organic Parameters: SW-846 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3510C, EPA 608, 624, 625, SW-846 3630C, 5030B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 1,4-Dioxane by NJ Modified 8270, 8015B, NJ EPH.)

Solid & Chemical Materials (Inorganic Parameters: SW-846, 6010B, 6010C, 6020, 6020A, 7196A, 3060A, 9010B, 9030B, 1010, 1030, 1311, 1312, 3005A, 3050B, 7471A, 7471B, 9014, 9012A, 9040B, 9040C, 9045C, 9045D, 9050A, 9065, 9251. Organic Parameters: SW-846 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3540C, 3546, 3580A, 3630C, 5030B, 5035L, 5035H, NJ OQA-QAM-025 Rev.7, NJ EPH.)

New York Department of Health Certificate/Lab ID: 11148. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.2, SM5310C, EPA 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500NO3-F, 2540C, SM 2510B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, 5310C, EPA 410.4, SM5220D, 2310B-4a, 2320B, EPA 200.7, 300.0, SM4500CL-E, 4500F-C, SM15 426C, EPA 350.1, SM4500NH3-BH, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010B, 6010C, 6020, 6020A, EPA 7196A, SM3500Cr-D, EPA 245.1, 245.2, 7470A, SM2120B, LACHAT 10-204-00-1-A, 4500CN-CE, EPA 1664A, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 3005A, 3015, 9010B, 9030B. Organic Parameters: EPA 624, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 625, 608, 8081A, 8081B, 8151A, 8330, 8082, 8082A, EPA 3510C, 5030B.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010, 1030, EPA 6010B, 6010C, 7196A, 7471A, 7471B, 9012A, 9014, 9065, 9050A, EPA 1311, 1312, 3005A, 3050B, 9010B, 9040C, 9045D. Organic Parameters: EPA 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8015B, 8015C, 8081A, 8081B, 8151A, 8330, 8082 8082A, 3540C, 3546, 3580, 3580A, 5030B, 5035H, 5035L.)

North Carolina Department of the Environment and Natural Resources Certificate/Lab ID : 666. (Inorganic Parameters: SM2310B, 2320B, 4500Cl-E, 4500Cn-E, 9014, Lachat 10-204-00-1-X, 1010A, 1030, 4500NO3-F, 353.2, 4500P-E, 4500SO4-E, 300.0, 4500S-D, 5310B, 5310C, 6010C, 6020A, 200.7, 200.8, 3500Cr-B, 7196A, 245.1, 7471A, 7471B, 1311,1312. Organic Parameters: 608, 8081B, 8082A, 624, 8260B, 625, 8270D, 8151A, 8015C, 504.1, MA-EPH, MA-VPH.)

Drinking Water Program Certificate/Lab ID: 25700. (Inorganic Parameters: Chloride EPA 300.0. Organic Parameters: 524.2)

Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: 200.7, 200.8, 245.2, 300.0, 332.0, 2120B, 2320B, 2510B, 2540C, 4500-CN-CE, 4500F-C, 4500H+-B, 4500NO3-F, 5310C. Organic Parameters: EPA 524.2, 504.1)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1312, 3005A,3015, 3060A, 200.7, 200.8, 410.4, 1664A, SM2540D, 5210B, 5220D, 4500-P,BE, 245.1, 300.0, 3501., 350.2, 353.2, 420.1, 6010B, 6010C, 6020, 6020A, 7196A, 7470A, 9010B, 9030B, 9040B, Lachat 10-107-06-2-D, NJ-EPH, 2120B, 2310B, 2320B, 2340B, 2510C, 2540B, 2540C, 3500Cr-D, 436C, 4500CN-CE, 4500Cl-E, 4500F-B, 4500F-C, 4500H+-B, 4500NO2-B, 4500NO3-F, 4500S-D, 4500SO3-B, 5310BCD, 5540C. Organic Parameters: EPA 3510C, 3630C, 5030B, 625, 624, 608, 8081A, 8081B, 8082, 8082A, 8151A, 8260B, 8270C, 8270D, 8330, 8015B,)

Solid & Hazardous Waste (Inorganic Parameters: EPA 350.1, 1010, 1030, 1311, 1312, 3005A, 3050B, 3060A, 6010B, 6010C, 6020A, 7196A, 7471A, 7471B, 9010B, 9012A, 9014, 9040B, 9045C, 9050, 9065, SM 4500NH3-BH, 9030B, 9038, 9251. Organic Parameters: 3540C, 3546, 3580A, 3630C, 5035, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330, NJ-EPH.)

Rhode Island Department of Health Certificate/Lab ID: LAO00065. ***NELAP Accredited via NJ-DEP.***
Refer to MA-DEP Certificate for Potable and Non-Potable Water.
Refer to NJ-DEP Certificate for Potable and Non-Potable Water.

Texas Commisson on Environmental Quality Certificate/Lab ID: T104704476-09-1. ***NELAP Accredited.***
Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 $S2^{-}$D, 510C, 5210B, 5220D, 5310C, 5540C. Organic Parameters: EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

Virginia Division of Consolidated Laboratory Services Certificate/Lab ID: 460195. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: EPA 200.7, 200.8, 300.0, 2510B, 2120B, 2540C, 4500CN-CE, 245.2, 2320B, 4500F-C, 4500F-C, 4500NO3-F, 5310C. Organic Parameters: EPA 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 200.7, 2..08, 245.1, 300.0, 3005A, 3015, 1312, 6010B, 6010C, 3060A, 353.2, 420.1, 6020, 6020A, SM4500S-D, SM4500-CN-CE, Lachat 10-204-00-1-X, 7196A, 7470A, 9010B, 9040B, 2310B, 2320B, 2510B, 2540B, 2540C, 3500Cr-D, 426C, 4500Cl-E, 4500F-B, 4500F-C, 4500PE, 510AC, 5210B, 5310B 5310C, 5540C. Organic Parameters: EPA 3510C, 3630C, 5030B, 8260B, 608, 624, 625, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330,)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010A, 1030, 3060A, 3050B, 1311, 1312, 6010B, 6010C, 6020, , 7196A, 7471A, 7471B, 6020A, 9030B, 9010B, 9012A, 9014 9040B, 9045C, 9050A, 9065. Organic Parameters: EPA 5035, 3540C, 3546, 3550, 3580, 3630C, 8260B, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330.)

Department of Defense, L-A-B Certificate/Lab ID: L2217.
Drinking Water (Inorganic Parameters: SM 4500H-B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: EPA 200.7, 200.8, 6010B, 6010C, 6020, 6020A, 245.1, 245.2, 7470A, 9040B, 9010B, 180.1. 300.0, 332.0, 6860, 353.2, 410.4, 9060, 1664A, SM 4500CN-E, 4500H-B, 4500NO3-F, 4500CL-D, 5220D, 5310C, 2130B, 2320B, 2540C, 3005A, 3015, 9010B, 9056. Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A, 8082, 8082A, 8081A, 8081B, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 200.7, 6010B, 6010C, 7471A, 6860, 1311, 1312, 3050B, 7196A, 9010B, 9012A, 9040B, 9045C, 3500-CR-D, 4500CN-CE, 2540G, Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A/B-prep, 8082, 8082A, 8081A, 8081B, 3540C, 3546, 3580A, 5035A, MassDEP EPH, MassDEP VPH.)

The following analytes are not included in our current NELAP/TNI Scope of Accreditation:
EPA 8260B: Freon-113, 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8330A:** PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C:** Methyl naphthalene, Dimethyl naphthalene, Total Methylnapthalenes, Total Dimethylnaphthalenes, 1,4-Diphenylhydrazine (Azobenzene). **EPA 625:** 4-Chloroaniline, 4-Methylphenol. Total Phosphorus in a soil matrix, Chloride in a soil matrix, TKN in a soil matrix, NO2 in a soil matrix, NO3 in a soil matrix, SO4 in a soil matrix. **EPA 9071:** Total Petroleum Hydrocarbons, Oil & Grease

CHAIN OF CUSTODY

PAGE 1 OF 11

Date Rec'd in Lab:

ALPHA Job #: L1212561

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Woods Hole Group
Address: 81 Technology Park
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)

Date Due: 7/26/12 Time: 24 hr

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
TS, Aroclor and High VOC have 24 hr TAT, all else is 15 business days, Project-Specific EDD, Homogenize before analyses

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
	S-12L-B003-0.6-1.1	7/13/12	1200	SE	DGS	X				ASB-3	1
12561 . 1	S-12L-B003-0.6-1.1						X				2
. 1	S-12L-B003-0.6-1.1							X		All 3 analyses	1
1	S-12L-B003-0.6-1.1								X	Archive	
~~27~~	TB-071412-01	7/14/12	0745			X				Trip Blank #1	
. 27	TB-071412-02	7/14/12	0745				X			Trip Blank #2	
	S-12L-B003-2.0-2.5	7/13/12	1200	SE		X					
. 2	S-12L-B003-2.0-2.5						X				
. 2	S-12L-B003-2.0-2.5							X		All 3 analyses	
. 2	S-12L-B003-2.0-2.5								X	Archive	

Container Type	V	V	A	A
Preservation	F	O	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Patrick Curran	7/14/12 1900	[signature]	7/14/12 1900

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Sediment Boring Collection and Analysis
Off the Former Aerovox Site Property Shoreline
W912WJ-09-D-0001

CHAIN OF CUSTODY

PAGE 2 OF 11

ALPHA Job #: L1212801

Date Rec'd in Lab:

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)
Date Due: Time: 24 hr

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

TS, Aroclors and High VOC have 24hr TAT, all else is 15 business days
Project-specific EDD, homogenize before analysis

ANALYSIS: High VOC | Low VOC | SVOC, total Solid, PCB | PCB Congener (Archive)

SAMPLE HANDLING
Filtration
☐ Done ☐ Not needed ☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, total Solid, PCB	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
	S-12L-B003-2.0-2.5 REP	7/13/12	1200 ~~1420~~ DGS	SE	DGS	X				REP	1
3	S-12L-B003-2.0-2.5 REP		1200				X			REP	2
3	S-12L-B003-2.0-2.5 REP							X		REP, All 3 analyses	1
3	S-12L-B003-2.0-2.5 REP								X	REP, Archive	
	S-12L-B003-3.5-4.0		1215			X					
4	S-12L-B003-3.5-4.0						X				
4	S-12L-B003-3.5-4.0							X		All 3 analyses	
4	S-12L-B003-3.5-4.0								X	Archive	
	S-12L-B003-4.5-5.0					X					
5	S-12L-B003-4.5-5.0						X				

Container Type	V	V	A	A
Preservative	R	O	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Samuel Curran	7/14/12 1900		7/14/12 19:10

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

D-797

Effective Date: 2-05-2013

Document Boring Collection and Analysis for the Former Aerovox Site Property Shoreline
W912WJ-09-D-0001

CHAIN OF CUSTODY

PAGE 3 OF 11

Date Rec'd in Lab:

ALPHA Job #: L1212561

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)
Date Due: Time: 24 hr

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
TS, Aroclor and High VOC have 24 hr TAT, all else is 15 business days, Project specific EDD, homogenize before analysis

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
5	S-12L-B003-4.5-5.0	7/13/12	1215	SE	DGS			X		All 3 analyses	1
5	S-12L-B003-4.5-5.0								X	Archive	1
	S-12L-B003-9.0-9.5		1230			X					1
6	S-12L-B003-9.0-9.5						X				2
6	S-12L-B003-9.0-9.5							X		All 3 analyses	
6	S-12L-B003-9.0-9.5								X	Archive	
	S-12L-B003-9.0-9.5 MSMSD					X				MSMSD	
6	S-12L-B003-9.0-9.5 MSMSD						X			MSMSD	
6	S-12L-B003-9.0-9.5 MSMSD							X		MSMSD, All 3 analyses	
6	S-12L-B003-9.0-9.5 MSMSD								X	MSMSD, Archive	

Container Type	V	V	A	A							
Preservative	F	O	A	A							

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Patrick Curran	7/14/12 / 1900	[signature]	7/14/12 1910

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

CHAIN OF CUSTODY

PAGE 4 OF 11

Date Rec'd in Lab:

ALPHA Job #: L1212561

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford, Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)
Date Due: Time: 24 hr

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State / Fed Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

TS, Aroclor and High VOC have 24 hr TAT, all else is 15 business days, Project specific EDD, homogenize before analyses

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
	S-12L-B003-14.5-15.0	7/13/12	1400	SE	DGS	X					1
7	S-12L-B003-14.5-15.0						X				2
7	S-12L-B003-14.5-15.0							X		All 3 analyses	1
7	S-12L-B003-14.5-15.0								X	Archive	
	S-12L-B003-19.5-20.0		1435			X					
8	S-12L-B003-19.5-20.0						X				2
8	S-12L-B003-19.5-20.0							X		All 3 analyses	1
8	S-12L-B003-19.5-20.0								X	Archive	
	S-12L-B003-21.5-22.0		1515			X					
9	S-12L-B003-21.5-22.0						X				

	High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congener (Archive)
Container Type	V	V	A	A
Preservative	F	O	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Patrick Curran	7/14/12 1400	[signature]	7/14/12 1910

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Sediment Boring Collection and Analysis
Off the Former Aerovox Site Property Shoreline
W912WJ-09-D-0001
Date Ordered 10-05-2013
D-799

CHAIN OF CUSTODY PAGE 5 OF 11

ALPHA Job #: L1212361

Date Rec'd in Lab:

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)
Date Due: Time: 24 hr

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
TS, Aroclor, High VOC have 24 hr TAT, all else are 15 business days.
Project-specific EDD. Homogenize samples before analysis

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solids, PCB, Aroclor	PCB Congeners (Archive)	Sample Specific Comments	Total # Bottles
9	S-12L-B003-21.5-22.0	7/13/12	1515	SE	DGS			X		All 3 analyses	1
9	S-12L-B003-21.5-22.0	"	"	"	"				X	Archive	1
	S-12L-B003-22.5-23.0	"	"	"	"	X					1
10	S-12L-B003-22.5-23.0	"	"	"	"		X				1
10	S-12L-B003-22.5-23.0	"	"	"	"			X		All 3 analyses	1
10	S-12L-B003-22.5-23.0	"	"	"	"				X	Archive	1
	EB-071412-01	7/14/12	0815	SW	DRL	X				Equip Blank	1
11	EB-071412-01	"	"	"	"			X		Equip Blank, SVOC + Arocl	1
	EB-071412-02	"	0930	"	"	X				Barge water EB	1
12	EB-071412-02	"	"	"	"			X		Barge decon water EB, SVOC + Aroclor Only	1

Container Type	V	V	A	A
Preservative	F	C	A	A

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Patrick Connor	7/14/12 1900		7/14/12 1900

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Sediment Borings Collection and Analysis Off the Former Aerovox Site Property Shoreline W912WJ-09-D-0001

CHAIN OF CUSTODY

PAGE 6 OF 11

Date Rec'd in Lab:

ALPHA Job #: L1212561

ALPHA TECHNICAL
WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193
MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)

Date Due: Time: 24 hr

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State / Fed Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

SAMPLE HANDLING

Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
	TB-071412-03 DGS 7/6/12	~~7/14/12~~			KR	X				Trip Blank, EB	1
	S-12L-B004-3.5-4.0	7/14/12	0740	SE	DGS	X					1
13	S-12L-B004-3.5-4.0						X				2
13	S-12L-B004-3.5-4.0							X		All 3 analyses	
13	S-12L-B004-3.5-4.0								X	Archive	
	S-12L-B004-3.5-4.0 REP					X				REP	
14	S-12L-B004-3.5-4.0 REP						X			REP	
14	S-12L-B004-3.5-4.0 REP							X		REP, all 3 analyses	
14	S-12L-B004-3.5-4.0 REP								X	REP, archive	
	S-12L-B004-0.5-1.0					X					
					Container Type	V	V	A	A		
					Preservative	F	O	A	A		

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Pamela Cormier	7/14/12 1900	[signature]	7/14/12 19:10

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Sediment Boring Collection and Analysis
Off the Former Aerovox Site Property Shoreline
W912WJ-09-D-0001
D-801
Date Ordered 10-05-2013

CHAIN OF CUSTODY PAGE 7 OF 11

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab:

ALPHA Job #: L4212501

Client Information
Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM
☐ These samples have been previously analyzed by Alpha

Project Information
Project Name: New Bedford, Acrovyx
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time
☐ Standard ☒ RUSH (only confirmed if pre-approved!)
Date Due: Time: 24 hrs

Report Information - Data Deliverables
☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information
☐ Same as Client info PO #:

Regulatory Requirements/Report Limits
State (Fed) Program Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO
☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:
If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
TS, Aroclors and High VOC have 24 hr TAT, all else are 15 business days
Project-specific EDD. Homogenize before analysis

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid, PCP	PCB Congeners (Archive)	Sample Specific Comments
15	S-12L-B004-0.5-1.0	7/14/12	0740	SE	DGS		X			
15	S-12L-B004-0.5-1.0							X		All 3 analyses
15	S-12L-B004-0.5-1.0								X	Archive
~~15~~	S-12L-B004-6.5-7.0		0835			X				
16	S-12L-B004-6.5-7.0						X			
16	S-12L-B004-6.5-7.0							X		All 3 analyses
16	S-12L-B004-6.5-7.0								X	Archive
	S-12L-B004-~~6.5~~ DUP 7.5-8.0					X				
17	S-12L-B004-7.5-8.0						X			
17	S-12L-B004-7.5-8.0							X		All 3 analyses
	Container Type					V	V	A	A	
	Preservative					F	O	A	A	

TOTAL # BOTTLES

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Derrick Cowan	7/14/12 1900		7/14/12 19:20

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Page 180 of 199

Document Control #: ALPHA-DOC-0007 Rev 3 Effective Date: 19-Jan-2010 Page 1 of 1
Document Title: Chain of Custody Form
Document Owner: Client Services Manager
Document Location: Alpha Intranet

CHAIN OF CUSTODY

PAGE 8 OF 11

Date Rec'd in Lab:

ALPHA Job #: L1212561

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave WALSH
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)

Date Due: Time: 24 hrs

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

TS, Aroclors and High VOC have 24 hr TAT, all else is 15 business days
Project-Specific EDD, Homogenize before analysis

SAMPLE HANDLING

Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
17	S-12L-B004-7.5-8.0	7/14/12	0835	SE	DGS				X	Archive	1
	S-12L-B004-11.0-11.5		0830			X					1
18	S-12L-B004-11.0-11.5						X				2
18	S-12L-B004-11.0-11.5							X		All 3 analyses	
18	S-12L-B004-11.0-11.5								X	Archive	
	S-12L-B004-15.5-16.0		0925			X					
19	S-12L-B004-15.5-16.0						X				
19	S-12L-B004-15.5-16.0							X		All 3 analyses	
19	S-12L-B004-15.5-16.0								X	Archive	
	S-12L-B004-17.5-18.0					X					
					Container Type	V	V	A	A		
					Preservative	F	O	A	A		

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Patrick Curran	7/14/12/1900	[signature]	7/14/12 19:10

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Sediment Boring Collection and Analysis
Off the Former Aerovox Site Property Shoreline
W912WJ-09-D-0001

CHAIN OF CUSTODY

PAGE 9 OF 11

Date Rec'd in Lab:

ALPHA Job #: L1212561

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-005
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)
Date Due: Time: 24 hr

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY -- CT REASONABLE CONFIDENCE PROTOCOLS

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
TS, Aroclor, High VOC have 24 hr TAT, all else are 15 business days, Project-specific EDD, homogenize samples

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid, PCB	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
20	S-12L-B004-17.5-18.0	7/14/12	0925	SE	DGS		X				2
20	S-12L-B004-17.5-18.0							X		All 3 analyses	1
20	S-12L-B004-17.5-18.0								X	Archive	1
	S-12L-B004-20.0-20.5		0950 0945			X					
21	S-12L-B004-20.0-20.5						X				
21	S-12L-B004-20.0-20.5							X		All 3 analyses	
21	S-12L-B004-20.0-20.5								X	Archive	
	S-12L-B005-0.5-1.0		1045			X					
22	S-12L-B005-0.5-1.0						X				
22	S-12L-B005-0.5-1.0							X		All 3 analyses	
	Container Type					V	V	A	A		
	Preservative					F	O	A	A		

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Patrick Curran	7/14/12 1930		7/16/12 19:10

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

D-804

Order Date: 6-05-2013

Sediment Boring Collection and Analysis Off the Former Aerovox Site Property, Shoreline
NWIRT-09-D0001

CHAIN OF CUSTODY

PAGE 10 OF 11

ALPHA Job #: L1212501

Date Rec'd in Lab:

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)
Date Due: Time: 24 hr

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY -- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

TS, Aroclors, High VOC have 24 hr TAT, all else is 15 business days
Project specific EDD. Homogenize samples before analysis

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total solid	PCB Aroclors (8082)	PCB Congeners (8082)	Sample Specific Comments	TOTAL # BOTTLES
22	S-12L-B005-0.5-1.0	7/14/12	1045	SE	DGS				X		Archive	1
	S-12L-B005-0.5-1.0 REP					X					REP	1
23	S-12L-B005-0.5-1.0 REP						X				REP	2
23	S-12L-B005-0.5-1.0 REP							X			REP, All 3 analyses	3
23	S-12L-B005-0.5-1.0 REP								X		REP, Archive	2
	S-12L-B005-4.0-4.5					X						1
24	S-12L-B005-4.0-4.5						X					1
24	S-12L-B005-4.0-4.5							X			All 3 analyses	3
24	S-12L-B005-4.0-4.5								X		Archive	2
	S-12L-B005-4.0-4.5 MS/MSD					X					MS/MSD	3

Container Type	V	V	A	A															
Preservative	F	O	A	A															

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Patrick Carr	7/14/12 1605		7/14/12 19:10

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Page 183 of 195

Deliverables: EQuIS (1-File) Order #: W912WJ-10-D-0001 Project: Shoreline Disposal Facility Sediment Boring Collection and Analysis for the Former Aerovox Site

CHAIN OF CUSTODY

PAGE 11 OF 11

ALPHA ANALYTICAL

WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab:

ALPHA Job #: L1212501

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave WALSH
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)
Date Due: Time: 24 hr

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY -- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

TS, Aroclor and High VOC have 24 hr TAT, all else is 15 business days. Project-specific EDD. Homogenize before analysis

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congener (Archive)	TOTAL # BOTTLES	Sample Specific Comments
24	S-12L-B005-4.0-4.5 MSMSD	7/14/12	1045	SE	DGS		X			2	MSMSD
24	S-12L-B005-4.0-4.5 MSMSD							X		1	MSMSD, All 3 analyses
24	S-12L-B005-4.0-4.5 MSMSD								X	1	MSMSD, Archive
	EB-071412-03		1115	SW	DRW	X				2	Equip blank #3
25	EB-071412-03		1115		DRW			X			Equip blank 3 SVOC + Aroclor
	EB-071412-04		1405		EGH	X					Equip blank
20	EB-071412-04		1405		EGN			X			Equip blank, SVOC + Aroclor
	TB-071412-04	7/16/12			KR	X					Trip blank 4 EB

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

Container Type	V	V	A	A
Preservative	F	O	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Danielle Connor	7/14 1900	Sue Taylor	7/14 1910

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

CHAIN OF CUSTODY

PAGE 1 OF 11

Date Rec'd in Lab: 7/16/12 07:00

ALPHA Job #: L1212561

ALPHA TECHNICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Woods Hole Group
Address: 81 Technology Park
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)
Date Due: 7/16/12 Time: 24 hr

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All CAM methods for inorganic analyses require MS every 20 soil samples)
TS, Acetone and High VOC have 24 hr TAT, all else is 15 business days, Project-Specific EDD, Homogenize before analyses

ANALYSIS: Halogenated VOC; Low VOC; SVOC, Total Metals PCB; PCB Congeners (Archive)

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Halogenated VOC	Low VOC	SVOC, Total Metals PCB	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
	S-12L-B003-0.6-1.1	7/13/12	1200	SE	DGS	X				ASB-3	1
2561 .1	S-12L-B003-0.6-1.1						X				2
.1	S-12L-B003-0.6-1.1							X		All 3 analyses	1
.1	S-12L-B003-0.6-1.1								X	Archive	1
.27	TB-071412-01	7/14/12	0745			X				Trip Blank #1	2
.27	TB-071412-02	7/14/12	0745				X			Trip Blank #2	2
.2	S-12L-B003-2.0-2.5	7/13/12	1200	SE		X					1
.2	S-12L-B003-2.0-2.5						X				2
.2	S-12L-B003-2.0-2.5							X		All 3 analyses	1
.2	S-12L-B003-2.0-2.5								X	Archive	1
	Container Type					V	V	A	A		
	Preservative					F	O	A	A		

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Patricia Curran	7/16/12 1000		
	7/16/12 1600		7/16/12 1725
	7/16/12 1730		7-16-12 18 30

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

CHAIN OF CUSTODY

PAGE 2 OF 11

Date Rec'd in Lab:

ALPHA Job #: L1212561

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Serial No:08 07:00

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)
Date Due: Time: 24 hr

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
TS, Aroclors and High VOC have 24 hr TAT, all else is 15 business days
Project-specific EDD, homogenize before analysis

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Intg Solid, Aroclor	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
	S-12L-B003-2.0-2.5 REP	7/13/12	~~74~~ 1200 DGS	SE	DGS	X				REP	1
3	S-12L-B003-2.0-2.5 REP		1200				X			REP	2
3	S-12L-B003-2.0-2.5 REP							X		REP, All 3 analyses	1
3	S-12L-B003-2.0-2.5 REP								X	REP, Archive	1
	S-12L-B003-3.5-4.0		1215			X					1
4	S-12L-B003-3.5-4.0						X				2
4	S-12L-B003-3.5-4.0							X		All 3 analyses	1
4	S-12L-B003-3.5-4.0								X	Archive	1
	S-12L-B003-4.5-5.0					X					1
5	S-12L-B003-4.5-5.0						X				2

Container Type	V	V	A	A
Preservative	F	O	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	7/14/12 1900	[signature]	7/14/12 19:10
[signature]	7/16/12 1600	[signature]	7/16/12 1775
[signature]	7/16/12 1830	[signature]	7-16-12 1830

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

CHAIN OF CUSTODY

PAGE 3 OF 11

Date Rec'd in Lab:

ALPHA Job #: U212561

ALPHA TECHNICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Serial No:08 07:00

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)

Date Due: Time: 24 hr

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client Info PO #:

Regulatory Requirements/Report Limits

State / Fed Program Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
TS, Aroclor and High VOC have 24 hr TAT, all else is 15 business days, Project specific EDD, homogenize before analysis

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
5	S-12L-B003-4.5-5.0	7/13/12	1215	SE	DGS			X		All 3 analyses	1
5	S-12L-B003-4.5-5.0		⊥						X	Archive	1
	S-12L-B003-9.0-9.5		1230			X					1
6	S-12L-B003-9.0-9.5						X				2
6	S-12L-B003-9.0-9.5							X		All 3 analyses	1
6	S-12L-B003-9.0-9.5								X	Archive	1
	S-12L-B003-9.0-9.5 MSMSD					X				MSMSD	1
6	S-12L-B003-9.0-9.5 MSMSD						X			MSMSD	2
6	S-12L-B003-9.0-9.5 MSMSD							X		MSMSD, All 3 analyses	1
6	S-12L-B003-9.0-9.5 MSMSD								X	MSMSD, Archive	1

Container Type	V	V	A	A
Preservative	F	O	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Patrick Carter	7/14/12 1900	[illegible]	7/14/12 1910
[illegible]	7/16/12 1600	MCM	7/16/12 1725
MCM	7/16/12 1830	[illegible]	7-16-12 1830

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

CHAIN OF CUSTODY

PAGE 4 OF 11

Date Rec'd in Lab:

ALPHA Job #: L1212501

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Serial_No:08[illegible]07:00

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford, Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)
Date Due: Time: 24 hr

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State / Fed Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
TS, Aroclor and High VOC have 24 hr TAT, all else is 15 business days, Project specific EDD, homogenize before analyses

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
	S-12L-B003-14.5-15.0	7/13/12	1400	SE	DGS	X					1
7	S-12L-B003-14.5-15.0						X				2
7	S-12L-B003-14.5-15.0							X		All 3 analyses	1
7	S-12L-B003-14.5-15.0								X	Archive	1
	S-12L-B003-19.5-20.0		1435			X					1
8	S-12L-B003-19.5-20.0						X				2
8	S-12L-B003-19.5-20.0							X		All 3 analyses	1
8	S-12L-B003-19.5-20.0								X	Archive	1
	S-12L-B003-21.5-22.0		1515			X					1
9	S-12L-B003-21.5-22.0						X				2

Container Type	V	V	A	A
Preservative	F	O	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Patrick Curran	7/14/12 1400	[illegible]	7/14/12 1410
[illegible]	7/16/12 1600	[illegible]	7/14/12 1735
[illegible]	7/16/12 1830	[illegible]	7-16-12 1830

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

CHAIN OF CUSTODY

PAGE 5 OF 11

Date Rec'd in Lab:

ALPHA Job #: L1212561

ALPHA TICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Seal No: 081 07:00

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)
Date Due: Time: 24 hr

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State / Fed Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
TS, Aroclor, High VOC have 24 hr TAT, all else are 15 business days.
Project-specific EDD. Homogenize samples before analysis

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC	Low VOC	SVOC, Total Solids, PCB, Aroclor	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
9	S-12L-B003-21.5-22.0	7/13/12	1515	SE	DGS			X		All 3 analyses	1
9	S-12L-B003-21.5-22.0								X	Archive	1
	S-12L-B003-22.5-23.0					X					1
10	S-12L-B003-22.5-23.0						X				2
10	S-12L-B003-22.5-23.0							X		All 3 analyses	1
10	S-12L-B003-22.5-23.0								X	Archive	1
	EB-071412-01	7/14/12	0815	SW	DRW	X				Equip Blank	2
11	EB-071412-01							X		Equip Blank, SVOC + Aroclor	3
	EB-071412-02		0930			X				Barge water EB	2
12	EB-071412-02							X		Barge decon water EB, SVOC + Aroclor only	4
					Container Type	V	V	A	A		
					Preservative	F	C	A	A		

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Patrick Connor	7/12/12 1900	[signature]	7/14/12 1910
[signature]	7/16/12 1600	[signature]	7/16/12 1725
[signature]	7/16/12 1830	[signature]	7-16-12 1830

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

CHAIN OF CUSTODY

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Date Rec'd in Lab:

ALPHA Job #: L1212561

ALPHA TECHNICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Serial No:08 207:00

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)

Date Due: Time: 24 hr

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client Info PO #:

Regulatory Requirements/Report Limits

State / Fed Program Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, Indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

SAMPLE HANDLING

Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
	TB-071412-03 7/6/12	~~7/14/12~~			KR	X				Trip Blank, EB	1
	S-12L-B004-3.5-4.0	7/14/12	0740	SE	DGS	X					1
13	S-12L-B004-3.5-4.0						X				2
13	S-12L-B004-3.5-4.0							X		All 3 analyses	1
13	S-12L-B004-3.5-4.0								X	Archive	1
	S-12L-B004-3.5-4.0 REP					X				REP	1
14	S-12L-B004-3.5-4.0 REP						X			REP	2
14	S-12L-B004-3.5-4.0 REP							X		REP, all 3 analyses	1
14	S-12L-B004-3.5-4.0 REP								X	REP, archive	1
	S-12L-B004-0.5-1.0					X					1
					Container Type	V	V	A	A		
					Preservative	F	O	A	A		

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	7/14/12 1900	[signature]	7/14/12 19:10
[signature]	7/16/12 1600	[signature]	7/16/12 1725
[signature]	7/16/12 1830	[signature]	7-16-12 18 30

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

CHAIN OF CUSTODY

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Date Rec'd in Lab:

ALPHA Job #: 4212561

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Serial No:08 07:00

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford, Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)
Date Due: Time: 24 hrs

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
TS, Aroclors and High VOC have 24 hr TAT, all else are 15 business days
Project-specific EDD, Homogenize before analysis

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC	Low VOC	SVOC, Total Solid, PCB Aroclors	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
15	S-12L-B004-0.5-1.0	7/14/12	0740	SE	DGS		X				2
15	S-12L-B004-0.5-1.0							X		All 3 analyses	1
15	S-12L-B004-0.5-1.0								X	Archive	1
15	S-12L-B004-6.5-7.0		0835			X					1
16	S-12L-B004-6.5-7.0						X				2
16	S-12L-B004-6.5-7.0							X		All 3 analyses	1
16	S-12L-B004-6.5-7.0								X	Archive	1
	S-12L-B004-~~6.5~~ DGS-7.5-8.0					X					1
17	S-12L-B004-7.5-8.0						X				2
17	S-12L-B004-7.5-8.0							X		All 3 analyses	1
	Container Type					V	V	A	A		
	Preservative					F	O	A	A		

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	7/14/12 1900	[signature]	7/14/12 19:10
[signature]	7/16/12 1600	[signature]	7/16/12 1775
MCM	7/14/12 1870	[signature]	7-16-12 1836

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

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CHAIN OF CUSTODY PAGE 8 OF 11

ALPHA Job #: L1229e1

Date Rec'd in Lab:

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Serial No:08307:00

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford MA
Project #: TO-0010-05
Project Manager: Dave WALSH
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)
Date Due: Time: 24 hrs

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

TS, Acetone and High VOC have 24 hr TAT, all else is 15 business days
Project-Specific EDD, Homogenize before analysis

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid, PCB	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
17	S-12L-B004-7.5-8.0	7/14/12	0835	SE	DGS				X	Archive	1
	S-12L-B004-11.0-11.5		0850			X					1
18	S-12L-B004-11.0-11.5						X				2
18	S-12L-B004-11.0-11.5							X		All 3 analyses	1
18	S-12L-B004-11.0-11.5								X	Archive	1
	S-12L-B004-15.5-16.0		0925			X					1
M	S-12L-B004-15.5-16.0						X				2
19	S-12L-B004-15.5-16.0							X		All 3 analyses	1
19	S-12L-B004-15.5-16.0								X	Archive	1
	S-12L-B004-17.5-18.0					X					1

Container Type	V	V	A	A
Preservative	F	O	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
[illegible]	7/16/12 1600	[illegible]	7/14/12 19:10
MCM	7/14/12 1830	[illegible]	7/16/12 1735
			7/16/12 1836

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

CHAIN OF CUSTODY

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Date Rec'd in Lab:

ALPHA Job #: U212561

ALPHA TECHNICAL

WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193

MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Serial No:08[illegible]207:00

Client Information

Client: WOODS Hole Group

Address: 81 Technology Park Dr East Falmouth, MA 02536

Phone: 508-540-8080

Fax: 508-540-1001

Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox

Project Location: New Bedford, MA

Project #: TO-0010-~~04~~ DG-05

Project Manager: Dave Walsh

ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)

Date Due: Time: 24 hr

Report Information - Data Deliverables

☐ FAX ☒ EMAIL ☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client Info PO #:

Regulatory Requirements/Report Limits

State /Fed Program Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?

☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)

☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

TS, Aroclor, High VOC have 24 hr TAT, all else are 15 business days. Project-specific EDD, homogenize samples

SAMPLE HANDLING

Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC	Low VOC	SVOC, Total Solid, PCB, Aroclor	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
20	S-12L-B004-17.5-18.0	7/14/12	0925	SE	DGS		X				2
20	S-12L-B004-17.5-18.0							X		All 3 analyses	1
20	S-12L-B004-17.5-18.0								X	Archive	1
	S-12L-B004-20.0-20.5		~~0915~~ 0950			X					1
21	S-12L-B004-20.0-20.5						X				2
21	S-12L-B004-20.0-20.5							X		All 3 analyses	1
21	S-12L-B004-20.0-20.5								X	Archive	1
	S-12L-B005-0.5-~~0~~ DG 1.0		1045			X					1
22	S-12L-B005-0.5-1.0						X				2
22	S-12L-B005-0.5-1.0							X		All 3 analyses	1
	Container Type					V	V	A	A		
	Preservative					F	O	A	A		

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Patrick Cannon	7/16/12 1900	[illegible]	7/16/12 19:10
[illegible]	7/16/12 1600	MCM	7/16/12 1725
MCM	7/16/12 1830	[illegible]	7-16-12 1830

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Sediment Boring Collection and Analysis
Off the Former Aerovox Site Property Shoreline
W912WJ-09-D-0001

CHAIN OF CUSTODY

PAGE 10 OF 11

Date Rec'd in Lab:

ALPHA Job #: L1212501

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Serial No:08 07:00

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)
Date Due: Time: 24 hr

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
TS, Aroclors, High VOC have 24 hr TAT, all else is 15 business days
Project specific EDD. Homogenize samples before analysis

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congener (8082)	Sample Specific Comments	TOTAL # BOTTLES
22	S-12L-B005-0.5-1.0	7/14/12	1045	SE	DGS				X	Archive	1
	S-12L-B005-0.5-1.0 REP					X				REP	1
23	S-12L-B005-0.5-1.0 REP						X			REP	2
23	S-12L-B005-0.5-1.0 REP							X		REP, All 3 analyses	1
23	S-12L-B005-0.5-1.0 REP								X	REP, Archive	1
	S-12L-B005-4.0-4.5					X					1
24	S-12L-B005-4.0-4.5						X				2
24	S-12L-B005-4.0-4.5							X		All 3 analyses	1
24	S-12L-B005-4.0-4.5								X	Archive	1
	S-12L-B005-4.0-4.5 MSMSD					X				MSMSD	1
					Container Type	V	V	A	A		
					Preservative	F	O	A	A		

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Patrick Carron	7/14/12 1908	[signature]	7/14/12 19:10
[signature]	7/16/12 1600	[signature]	7/16/12 1735
[signature]	7/16/12 1830	[signature]	7-16-12 1836

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

CHAIN OF CUSTODY

PAGE 11 OF 11

Date Rec'd In Lab:

ALPHA Job #: L1212501

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Serial No 081 07:00

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr
East Falmouth MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave WALSH
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)
Date Due: Time: 24 hr

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/(Fed) Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

TS, Aroclor and High VOC have 24 hr TAT, all else is 15 business days. Project-specific EDD, Homogenize before analysis

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
24	S-12L-B005-4.0-4.5 MSMSD	7/14/12	1045	SE	DGS		X			MSMSD	2
24	S-12L-B005-4.0-4.5 MSMSD							X		MSMSD, All 3 analyses	1
24	S-12L-B005-4.0-4.5 MSMSD								X	MSMSD, Archive	1
	EB-071412-03		1115	SW	DRW	X				Equip blank #3	2
25	EB-071412-03		1115		DRW			X		Equip blank 3 SVOC + Aroclor	4
	EB-071412-04		1405		EGH	X				Equip blank	2
26	EB-071412-04		1405		EGH			X		Equip blank, SVOC + Aroclor	4
	TB-071412-04	7/6/12			KR	X				Trip blank 4 EB	1

Container Type	V	V	A	A
Preservative	F	O	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	7/14/12 1900	[signature]	7/14 1910
[signature]	7/16/12 1600	[signature]	7/16/12 1730
[signature]	7/16/12 1830	[signature]	7-16-12 1830

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

ANALYTICAL REPORT

Lab Number:	L1212595
Client:	Woods Hole Group 81 Technology Park Drive East Falmouth, MA 02536
ATTN:	Dave Walsh
Phone:	(508) 540-8080
Project Name:	NEW BEDFORD AEROVOX
Project Number:	TO-0010-05
Report Date:	08/16/12

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212595
Report Date: 08/16/12

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1212595-01	TB-071612-02	NEW BEDFORD, MA	07/16/12 00:00
L1212595-02	S-12L-B006-0.0-0.5	NEW BEDFORD, MA	07/16/12 08:10
L1212595-03	S-12L-B006-1.0-1.5	NEW BEDFORD, MA	07/16/12 08:10
L1212595-04	S-12L-B006-1.0-1.5 REP	NEW BEDFORD, MA	07/16/12 08:10
L1212595-05	S-12L-B006-3.0-3.5	NEW BEDFORD, MA	07/16/12 08:10
L1212595-06	S-12L-B006-6.5-7.0	NEW BEDFORD, MA	07/16/12 08:25
L1212595-07	S-12L-B006-8.0-8.5	NEW BEDFORD, MA	07/16/12 08:25
L1212595-08	S-12L-B006-10.5-11.0	NEW BEDFORD, MA	07/16/12 08:40
L1212595-09	S-12L-B006-13.0-13.5	NEW BEDFORD, MA	07/16/12 08:40
L1212595-10	S-12L-B006-16.5-17.0	NEW BEDFORD, MA	07/16/12 08:50
L1212595-11	S-12L-B006-21.0-21.5	NEW BEDFORD, MA	07/16/12 09:10
L1212595-12	EB-071612-01	NEW BEDFORD, MA	07/16/12 08:45
L1212595-13	TB-071612-03	NEW BEDFORD, MA	07/16/12 00:00
L1212595-14	S-12L-B006-23.0-23.5	NEW BEDFORD, MA	07/16/12 09:10
L1212595-15	S-12L-B006-27.0-27.5	NEW BEDFORD, MA	07/16/12 09:50
L1212595-16	S-12L-B006-28.5-29.0	NEW BEDFORD, MA	07/16/12 09:50
L1212595-17	S-12L-B006-31.0-31.5	NEW BEDFORD, MA	07/16/12 10:10
L1212595-18	S-12L-B006-26.0-26.5	NEW BEDFORD, MA	07/16/12 09:50

Project Name:	NEW BEDFORD AEROVOX	**Lab Number:**	L1212595
Project Number:	TO-0010-05	**Report Date:**	08/16/12

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples free of charge for 30 days from the date the project is completed. After 30 days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples.

Please contact Client Services at 800-624-9220 with any questions.

Project Name:	NEW BEDFORD AEROVOX	**Lab Number:**	L1212595
Project Number:	TO-0010-05	**Report Date:**	08/16/12

Case Narrative (continued)

Report Submission

This report replaces the report issued on July 31, 2012.

-- The QC analyte list now matches the samples for the Volatile Organics analysis.

-- The PCB results now include surrogate recoveries from only one column.

-- The sample matrix has been changed from Soil to Sediment.

Sample Receipt

A sample identified as "S-12L-B006-26.0-26.5" was received but not listed on the Chain of Custody. At the client's request, this sample was analyzed.

Volatile Organics

The WG549753-4/-5 MS/MSD recoveries, performed on L1212595-06, were below the acceptance criteria for Trichlorofluoromethane (41%/40%), Bromomethane (50%/44%), and Chloroethane (39%/38%); however, the associated LCS/LCSD recoveries were within criteria.

PCBs

L1212595-02, -03, and -04 have elevated detection limits due to the dilutions required by the elevated concentrations of non-target compounds in the samples.

The surrogate recoveries for L1212595-02, -03, and -04 are below the acceptance criteria for 2,4,5,6-Tetrachloro-m-xylene and Decachlorobiphenyl (both 0%) due to the dilutions required to quantitate the samples. Re-extraction was not required; therefore, the results of the original analyses are reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Cynthia McQueen

Title: Technical Director/Representative Date: 08/16/12

ORGANICS

VOLATILES

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212595-01	Date Collected:	07/16/12 00:00
Client ID:	TB-071612-02	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/17/12 09:33		
Analyst:	BN		
Percent Solids:	Results reported on an 'AS RECEIVED' basis.		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	500	--	1
1,1-Dichloroethane	ND		ug/kg	100	--	1
Chloroform	ND		ug/kg	100	--	1
Carbon tetrachloride	ND		ug/kg	100	--	1
1,2-Dichloropropane	ND		ug/kg	200	--	1
Dibromochloromethane	ND		ug/kg	100	--	1
1,1,2-Trichloroethane	ND		ug/kg	100	--	1
Tetrachloroethene	ND		ug/kg	100	--	1
Chlorobenzene	ND		ug/kg	100	--	1
Trichlorofluoromethane	ND		ug/kg	250	--	1
1,2-Dichloroethane	ND		ug/kg	100	--	1
1,1,1-Trichloroethane	ND		ug/kg	100	--	1
Bromodichloromethane	ND		ug/kg	100	--	1
trans-1,3-Dichloropropene	ND		ug/kg	100	--	1
cis-1,3-Dichloropropene	ND		ug/kg	100	--	1
Bromoform	ND		ug/kg	200	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	100	--	1
Benzene	ND		ug/kg	100	--	1
Toluene	ND		ug/kg	100	--	1
Ethylbenzene	ND		ug/kg	100	--	1
Chloromethane	ND		ug/kg	250	--	1
Bromomethane	ND		ug/kg	100	--	1
Vinyl chloride	ND		ug/kg	100	--	1
Chloroethane	ND		ug/kg	100	--	1
1,1-Dichloroethene	ND		ug/kg	100	--	1
trans-1,2-Dichloroethene	ND		ug/kg	100	--	1
Trichloroethene	ND		ug/kg	100	--	1
1,2-Dichlorobenzene	ND		ug/kg	250	--	1
1,3-Dichlorobenzene	ND		ug/kg	250	--	1
1,4-Dichlorobenzene	ND		ug/kg	250	--	1
Methyl tert butyl ether	ND		ug/kg	100	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212595-01 Date Collected: 07/16/12 00:00

Client ID: TB-071612-02 Date Received: 07/16/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	200	--	1
o-Xylene	ND		ug/kg	200	--	1
Xylenes, Total	ND		ug/kg	200	--	1
cis-1,2-Dichloroethene	ND		ug/kg	100	--	1
Styrene	ND		ug/kg	200	--	1
Dichlorodifluoromethane	ND		ug/kg	500	--	1
Acetone	ND		ug/kg	1800	--	1
Carbon disulfide	ND		ug/kg	500	--	1
2-Butanone	ND		ug/kg	500	--	1
4-Methyl-2-pentanone	ND		ug/kg	500	--	1
2-Hexanone	ND		ug/kg	500	--	1
Bromochloromethane	ND		ug/kg	250	--	1
1,2-Dibromoethane	ND		ug/kg	200	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	--	1
Isopropylbenzene	ND		ug/kg	100	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	250	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	250	--	1
Methyl Acetate	ND		ug/kg	1000	--	1
Cyclohexane	ND		ug/kg	1000	--	1
1,4-Dioxane	ND		ug/kg	5000	--	1
Methyl cyclohexane	ND		ug/kg	200	--	1
Freon-113	ND		ug/kg	1000	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	117		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	93		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212595-02	Date Collected:	07/16/12 08:10
Client ID:	S-12L-B006-0.0-0.5	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/17/12 10:00		
Analyst:	BN		
Percent Solids:	43%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	3000	--	1
1,1-Dichloroethane	ND		ug/kg	600	--	1
Chloroform	ND		ug/kg	600	--	1
Carbon tetrachloride	ND		ug/kg	600	--	1
1,2-Dichloropropane	ND		ug/kg	1200	--	1
Dibromochloromethane	ND		ug/kg	600	--	1
1,1,2-Trichloroethane	ND		ug/kg	600	--	1
Tetrachloroethene	ND		ug/kg	600	--	1
Chlorobenzene	ND		ug/kg	600	--	1
Trichlorofluoromethane	ND		ug/kg	1500	--	1
1,2-Dichloroethane	ND		ug/kg	600	--	1
1,1,1-Trichloroethane	ND		ug/kg	600	--	1
Bromodichloromethane	ND		ug/kg	600	--	1
trans-1,3-Dichloropropene	ND		ug/kg	600	--	1
cis-1,3-Dichloropropene	ND		ug/kg	600	--	1
Bromoform	ND		ug/kg	1200	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	600	--	1
Benzene	ND		ug/kg	600	--	1
Toluene	ND		ug/kg	600	--	1
Ethylbenzene	ND		ug/kg	600	--	1
Chloromethane	ND		ug/kg	1500	--	1
Bromomethane	ND		ug/kg	600	--	1
Vinyl chloride	3200		ug/kg	600	--	1
Chloroethane	ND		ug/kg	600	--	1
1,1-Dichloroethene	ND		ug/kg	600	--	1
trans-1,2-Dichloroethene	ND		ug/kg	600	--	1
Trichloroethene	ND		ug/kg	600	--	1
1,2-Dichlorobenzene	ND		ug/kg	1500	--	1
1,3-Dichlorobenzene	ND		ug/kg	1500	--	1
1,4-Dichlorobenzene	ND		ug/kg	1500	--	1
Methyl tert butyl ether	ND		ug/kg	600	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212595-02 Date Collected: 07/16/12 08:10

Client ID: S-12L-B006-0.0-0.5 Date Received: 07/16/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	1200	--	1
o-Xylene	ND		ug/kg	1200	--	1
Xylenes, Total	ND		ug/kg	1200	--	1
cis-1,2-Dichloroethene	16000		ug/kg	600	--	1
Styrene	ND		ug/kg	1200	--	1
Dichlorodifluoromethane	ND		ug/kg	3000	--	1
Acetone	ND		ug/kg	11000	--	1
Carbon disulfide	ND		ug/kg	3000	--	1
2-Butanone	ND		ug/kg	3000	--	1
4-Methyl-2-pentanone	ND		ug/kg	3000	--	1
2-Hexanone	ND		ug/kg	3000	--	1
Bromochloromethane	ND		ug/kg	1500	--	1
1,2-Dibromoethane	ND		ug/kg	1200	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	1500	--	1
Isopropylbenzene	ND		ug/kg	600	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	1500	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	1500	--	1
Methyl Acetate	ND		ug/kg	6000	--	1
Cyclohexane	ND		ug/kg	6000	--	1
1,4-Dioxane	ND		ug/kg	30000	--	1
Methyl cyclohexane	ND		ug/kg	1200	--	1
Freon-113	ND		ug/kg	6000	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	117		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	93		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212595-03	Date Collected:	07/16/12 08:10
Client ID:	S-12L-B006-1.0-1.5	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/17/12 13:10		
Analyst:	BN		
Percent Solids:	67%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	1400	--	1
1,1-Dichloroethane	ND		ug/kg	280	--	1
Chloroform	ND		ug/kg	280	--	1
Carbon tetrachloride	ND		ug/kg	280	--	1
1,2-Dichloropropane	ND		ug/kg	560	--	1
Dibromochloromethane	ND		ug/kg	280	--	1
1,1,2-Trichloroethane	ND		ug/kg	280	--	1
Tetrachloroethene	ND		ug/kg	280	--	1
Chlorobenzene	ND		ug/kg	280	--	1
Trichlorofluoromethane	ND		ug/kg	710	--	1
1,2-Dichloroethane	ND		ug/kg	280	--	1
1,1,1-Trichloroethane	ND		ug/kg	280	--	1
Bromodichloromethane	ND		ug/kg	280	--	1
trans-1,3-Dichloropropene	ND		ug/kg	280	--	1
cis-1,3-Dichloropropene	ND		ug/kg	280	--	1
Bromoform	ND		ug/kg	560	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	280	--	1
Benzene	ND		ug/kg	280	--	1
Toluene	ND		ug/kg	280	--	1
Ethylbenzene	ND		ug/kg	280	--	1
Chloromethane	ND		ug/kg	710	--	1
Bromomethane	ND		ug/kg	280	--	1
Vinyl chloride	630		ug/kg	280	--	1
Chloroethane	ND		ug/kg	280	--	1
1,1-Dichloroethene	ND		ug/kg	280	--	1
trans-1,2-Dichloroethene	ND		ug/kg	280	--	1
Trichloroethene	ND		ug/kg	280	--	1
1,2-Dichlorobenzene	ND		ug/kg	710	--	1
1,3-Dichlorobenzene	ND		ug/kg	710	--	1
1,4-Dichlorobenzene	ND		ug/kg	710	--	1
Methyl tert butyl ether	ND		ug/kg	280	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212595-03 Date Collected: 07/16/12 08:10

Client ID: S-12L-B006-1.0-1.5 Date Received: 07/16/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	560	--	1
o-Xylene	ND		ug/kg	560	--	1
Xylenes, Total	ND		ug/kg	560	--	1
cis-1,2-Dichloroethene	1000		ug/kg	280	--	1
Styrene	ND		ug/kg	560	--	1
Dichlorodifluoromethane	ND		ug/kg	1400	--	1
Acetone	ND		ug/kg	5100	--	1
Carbon disulfide	ND		ug/kg	1400	--	1
2-Butanone	ND		ug/kg	1400	--	1
4-Methyl-2-pentanone	ND		ug/kg	1400	--	1
2-Hexanone	ND		ug/kg	1400	--	1
Bromochloromethane	ND		ug/kg	710	--	1
1,2-Dibromoethane	ND		ug/kg	560	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	710	--	1
Isopropylbenzene	ND		ug/kg	280	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	710	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	710	--	1
Methyl Acetate	ND		ug/kg	2800	--	1
Cyclohexane	ND		ug/kg	2800	--	1
1,4-Dioxane	ND		ug/kg	14000	--	1
Methyl cyclohexane	ND		ug/kg	560	--	1
Freon-113	ND		ug/kg	2800	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	117		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	95		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212595-04	Date Collected:	07/16/12 08:10
Client ID:	S-12L-B006-1.0-1.5 REP	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/17/12 13:37		
Analyst:	BN		
Percent Solids:	69%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	1400	--	1
1,1-Dichloroethane	ND		ug/kg	280	--	1
Chloroform	ND		ug/kg	280	--	1
Carbon tetrachloride	ND		ug/kg	280	--	1
1,2-Dichloropropane	ND		ug/kg	570	--	1
Dibromochloromethane	ND		ug/kg	280	--	1
1,1,2-Trichloroethane	ND		ug/kg	280	--	1
Tetrachloroethene	ND		ug/kg	280	--	1
Chlorobenzene	ND		ug/kg	280	--	1
Trichlorofluoromethane	ND		ug/kg	710	--	1
1,2-Dichloroethane	ND		ug/kg	280	--	1
1,1,1-Trichloroethane	ND		ug/kg	280	--	1
Bromodichloromethane	ND		ug/kg	280	--	1
trans-1,3-Dichloropropene	ND		ug/kg	280	--	1
cis-1,3-Dichloropropene	ND		ug/kg	280	--	1
Bromoform	ND		ug/kg	570	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	280	--	1
Benzene	ND		ug/kg	280	--	1
Toluene	ND		ug/kg	280	--	1
Ethylbenzene	ND		ug/kg	280	--	1
Chloromethane	ND		ug/kg	710	--	1
Bromomethane	ND		ug/kg	280	--	1
Vinyl chloride	1500		ug/kg	280	--	1
Chloroethane	ND		ug/kg	280	--	1
1,1-Dichloroethene	ND		ug/kg	280	--	1
trans-1,2-Dichloroethene	ND		ug/kg	280	--	1
Trichloroethene	ND		ug/kg	280	--	1
1,2-Dichlorobenzene	ND		ug/kg	710	--	1
1,3-Dichlorobenzene	ND		ug/kg	710	--	1
1,4-Dichlorobenzene	ND		ug/kg	710	--	1
Methyl tert butyl ether	ND		ug/kg	280	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212595-04 Date Collected: 07/16/12 08:10

Client ID: S-12L-B006-1.0-1.5 REP Date Received: 07/16/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	570	--	1
o-Xylene	ND		ug/kg	570	--	1
Xylenes, Total	ND		ug/kg	570	--	1
cis-1,2-Dichloroethene	1500		ug/kg	280	--	1
Styrene	ND		ug/kg	570	--	1
Dichlorodifluoromethane	ND		ug/kg	1400	--	1
Acetone	ND		ug/kg	5100	--	1
Carbon disulfide	ND		ug/kg	1400	--	1
2-Butanone	ND		ug/kg	1400	--	1
4-Methyl-2-pentanone	ND		ug/kg	1400	--	1
2-Hexanone	ND		ug/kg	1400	--	1
Bromochloromethane	ND		ug/kg	710	--	1
1,2-Dibromoethane	ND		ug/kg	570	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	710	--	1
Isopropylbenzene	ND		ug/kg	280	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	710	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	710	--	1
Methyl Acetate	ND		ug/kg	2800	--	1
Cyclohexane	ND		ug/kg	2800	--	1
1,4-Dioxane	ND		ug/kg	14000	--	1
Methyl cyclohexane	ND		ug/kg	570	--	1
Freon-113	ND		ug/kg	2800	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	115		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	92		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212595-05	Date Collected:	07/16/12 08:10
Client ID:	S-12L-B006-3.0-3.5	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/19/12 23:20		
Analyst:	JL		
Percent Solids:	84%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	1100	--	1
1,1-Dichloroethane	ND		ug/kg	230	--	1
Chloroform	ND		ug/kg	230	--	1
Carbon tetrachloride	ND		ug/kg	230	--	1
1,2-Dichloropropane	ND		ug/kg	450	--	1
Dibromochloromethane	ND		ug/kg	230	--	1
1,1,2-Trichloroethane	ND		ug/kg	230	--	1
Tetrachloroethene	ND		ug/kg	230	--	1
Chlorobenzene	ND		ug/kg	230	--	1
Trichlorofluoromethane	ND		ug/kg	570	--	1
1,2-Dichloroethane	ND		ug/kg	230	--	1
1,1,1-Trichloroethane	ND		ug/kg	230	--	1
Bromodichloromethane	ND		ug/kg	230	--	1
trans-1,3-Dichloropropene	ND		ug/kg	230	--	1
cis-1,3-Dichloropropene	ND		ug/kg	230	--	1
Bromoform	ND		ug/kg	450	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	230	--	1
Benzene	ND		ug/kg	230	--	1
Toluene	ND		ug/kg	230	--	1
Ethylbenzene	ND		ug/kg	230	--	1
Chloromethane	ND		ug/kg	570	--	1
Bromomethane	ND		ug/kg	230	--	1
Vinyl chloride	ND		ug/kg	230	--	1
Chloroethane	ND		ug/kg	230	--	1
1,1-Dichloroethene	ND		ug/kg	230	--	1
trans-1,2-Dichloroethene	ND		ug/kg	230	--	1
Trichloroethene	ND		ug/kg	230	--	1
1,2-Dichlorobenzene	ND		ug/kg	570	--	1
1,3-Dichlorobenzene	ND		ug/kg	570	--	1
1,4-Dichlorobenzene	ND		ug/kg	570	--	1
Methyl tert butyl ether	ND		ug/kg	230	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212595-05 Date Collected: 07/16/12 08:10

Client ID: S-12L-B006-3.0-3.5 Date Received: 07/16/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	450	--	1
o-Xylene	ND		ug/kg	450	--	1
Xylenes, Total	ND		ug/kg	450	--	1
cis-1,2-Dichloroethene	720		ug/kg	230	--	1
Styrene	ND		ug/kg	450	--	1
Dichlorodifluoromethane	ND		ug/kg	1100	--	1
Acetone	ND		ug/kg	4100	--	1
Carbon disulfide	ND		ug/kg	1100	--	1
2-Butanone	ND		ug/kg	1100	--	1
4-Methyl-2-pentanone	ND		ug/kg	1100	--	1
2-Hexanone	ND		ug/kg	1100	--	1
Bromochloromethane	ND		ug/kg	570	--	1
1,2-Dibromoethane	ND		ug/kg	450	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	570	--	1
Isopropylbenzene	ND		ug/kg	230	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	570	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	570	--	1
Methyl Acetate	ND		ug/kg	2300	--	1
Cyclohexane	ND		ug/kg	2300	--	1
1,4-Dioxane	ND		ug/kg	11000	--	1
Methyl cyclohexane	ND		ug/kg	450	--	1
Freon-113	ND		ug/kg	2300	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	113		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	94		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212595-06	Date Collected:	07/16/12 08:25
Client ID:	S-12L-B006-6.5-7.0	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/19/12 23:48		
Analyst:	JL		
Percent Solids:	84%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	1100	--	1
1,1-Dichloroethane	ND		ug/kg	220	--	1
Chloroform	ND		ug/kg	220	--	1
Carbon tetrachloride	ND		ug/kg	220	--	1
1,2-Dichloropropane	ND		ug/kg	440	--	1
Dibromochloromethane	ND		ug/kg	220	--	1
1,1,2-Trichloroethane	ND		ug/kg	220	--	1
Tetrachloroethene	ND		ug/kg	220	--	1
Chlorobenzene	ND		ug/kg	220	--	1
Trichlorofluoromethane	ND		ug/kg	550	--	1
1,2-Dichloroethane	ND		ug/kg	220	--	1
1,1,1-Trichloroethane	ND		ug/kg	220	--	1
Bromodichloromethane	ND		ug/kg	220	--	1
trans-1,3-Dichloropropene	ND		ug/kg	220	--	1
cis-1,3-Dichloropropene	ND		ug/kg	220	--	1
Bromoform	ND		ug/kg	440	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	220	--	1
Benzene	ND		ug/kg	220	--	1
Toluene	ND		ug/kg	220	--	1
Ethylbenzene	ND		ug/kg	220	--	1
Chloromethane	ND		ug/kg	550	--	1
Bromomethane	ND		ug/kg	220	--	1
Vinyl chloride	ND		ug/kg	220	--	1
Chloroethane	ND		ug/kg	220	--	1
1,1-Dichloroethene	ND		ug/kg	220	--	1
trans-1,2-Dichloroethene	ND		ug/kg	220	--	1
Trichloroethene	ND		ug/kg	220	--	1
1,2-Dichlorobenzene	ND		ug/kg	550	--	1
1,3-Dichlorobenzene	ND		ug/kg	550	--	1
1,4-Dichlorobenzene	ND		ug/kg	550	--	1
Methyl tert butyl ether	ND		ug/kg	220	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212595-06 Date Collected: 07/16/12 08:25

Client ID: S-12L-B006-6.5-7.0 Date Received: 07/16/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	440	--	1
o-Xylene	ND		ug/kg	440	--	1
Xylenes, Total	ND		ug/kg	440	--	1
cis-1,2-Dichloroethene	860		ug/kg	220	--	1
Styrene	ND		ug/kg	440	--	1
Dichlorodifluoromethane	ND		ug/kg	1100	--	1
Acetone	ND		ug/kg	4000	--	1
Carbon disulfide	ND		ug/kg	1100	--	1
2-Butanone	ND		ug/kg	1100	--	1
4-Methyl-2-pentanone	ND		ug/kg	1100	--	1
2-Hexanone	ND		ug/kg	1100	--	1
Bromochloromethane	ND		ug/kg	550	--	1
1,2-Dibromoethane	ND		ug/kg	440	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	550	--	1
Isopropylbenzene	ND		ug/kg	220	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	550	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	550	--	1
Methyl Acetate	ND		ug/kg	2200	--	1
Cyclohexane	ND		ug/kg	2200	--	1
1,4-Dioxane	ND		ug/kg	11000	--	1
Methyl cyclohexane	ND		ug/kg	440	--	1
Freon-113	ND		ug/kg	2200	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	113		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	93		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212595-07	Date Collected:	07/16/12 08:25
Client ID:	S-12L-B006-8.0-8.5	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/17/12 19:03		
Analyst:	BN		
Percent Solids:	86%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	1000	--	1
1,1-Dichloroethane	ND		ug/kg	210	--	1
Chloroform	ND		ug/kg	210	--	1
Carbon tetrachloride	ND		ug/kg	210	--	1
1,2-Dichloropropane	ND		ug/kg	420	--	1
Dibromochloromethane	ND		ug/kg	210	--	1
1,1,2-Trichloroethane	ND		ug/kg	210	--	1
Tetrachloroethene	ND		ug/kg	210	--	1
Chlorobenzene	ND		ug/kg	210	--	1
Trichlorofluoromethane	ND		ug/kg	520	--	1
1,2-Dichloroethane	ND		ug/kg	210	--	1
1,1,1-Trichloroethane	ND		ug/kg	210	--	1
Bromodichloromethane	ND		ug/kg	210	--	1
trans-1,3-Dichloropropene	ND		ug/kg	210	--	1
cis-1,3-Dichloropropene	ND		ug/kg	210	--	1
Bromoform	ND		ug/kg	420	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	210	--	1
Benzene	ND		ug/kg	210	--	1
Toluene	ND		ug/kg	210	--	1
Ethylbenzene	ND		ug/kg	210	--	1
Chloromethane	ND		ug/kg	520	--	1
Bromomethane	ND		ug/kg	210	--	1
Vinyl chloride	ND		ug/kg	210	--	1
Chloroethane	ND		ug/kg	210	--	1
1,1-Dichloroethene	ND		ug/kg	210	--	1
trans-1,2-Dichloroethene	ND		ug/kg	210	--	1
Trichloroethene	ND		ug/kg	210	--	1
1,2-Dichlorobenzene	ND		ug/kg	520	--	1
1,3-Dichlorobenzene	ND		ug/kg	520	--	1
1,4-Dichlorobenzene	ND		ug/kg	520	--	1
Methyl tert butyl ether	ND		ug/kg	210	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212595-07 Date Collected: 07/16/12 08:25

Client ID: S-12L-B006-8.0-8.5 Date Received: 07/16/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	420	--	1
o-Xylene	ND		ug/kg	420	--	1
Xylenes, Total	ND		ug/kg	420	--	1
cis-1,2-Dichloroethene	900		ug/kg	210	--	1
Styrene	ND		ug/kg	420	--	1
Dichlorodifluoromethane	ND		ug/kg	1000	--	1
Acetone	ND		ug/kg	3700	--	1
Carbon disulfide	ND		ug/kg	1000	--	1
2-Butanone	ND		ug/kg	1000	--	1
4-Methyl-2-pentanone	ND		ug/kg	1000	--	1
2-Hexanone	ND		ug/kg	1000	--	1
Bromochloromethane	ND		ug/kg	520	--	1
1,2-Dibromoethane	ND		ug/kg	420	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	520	--	1
Isopropylbenzene	ND		ug/kg	210	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	520	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	520	--	1
Methyl Acetate	ND		ug/kg	2100	--	1
Cyclohexane	ND		ug/kg	2100	--	1
1,4-Dioxane	ND		ug/kg	10000	--	1
Methyl cyclohexane	ND		ug/kg	420	--	1
Freon-113	ND		ug/kg	2100	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	115		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	93		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212595-08	Date Collected:	07/16/12 08:40
Client ID:	S-12L-B006-10.5-11.0	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/17/12 12:43		
Analyst:	BN		
Percent Solids:	82%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	880	--	1
1,1-Dichloroethane	ND		ug/kg	180	--	1
Chloroform	ND		ug/kg	180	--	1
Carbon tetrachloride	ND		ug/kg	180	--	1
1,2-Dichloropropane	ND		ug/kg	350	--	1
Dibromochloromethane	ND		ug/kg	180	--	1
1,1,2-Trichloroethane	ND		ug/kg	180	--	1
Tetrachloroethene	ND		ug/kg	180	--	1
Chlorobenzene	ND		ug/kg	180	--	1
Trichlorofluoromethane	ND		ug/kg	440	--	1
1,2-Dichloroethane	ND		ug/kg	180	--	1
1,1,1-Trichloroethane	ND		ug/kg	180	--	1
Bromodichloromethane	ND		ug/kg	180	--	1
trans-1,3-Dichloropropene	ND		ug/kg	180	--	1
cis-1,3-Dichloropropene	ND		ug/kg	180	--	1
Bromoform	ND		ug/kg	350	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	180	--	1
Benzene	ND		ug/kg	180	--	1
Toluene	ND		ug/kg	180	--	1
Ethylbenzene	ND		ug/kg	180	--	1
Chloromethane	ND		ug/kg	440	--	1
Bromomethane	ND		ug/kg	180	--	1
Vinyl chloride	ND		ug/kg	180	--	1
Chloroethane	ND		ug/kg	180	--	1
1,1-Dichloroethene	ND		ug/kg	180	--	1
trans-1,2-Dichloroethene	ND		ug/kg	180	--	1
Trichloroethene	ND		ug/kg	180	--	1
1,2-Dichlorobenzene	ND		ug/kg	440	--	1
1,3-Dichlorobenzene	ND		ug/kg	440	--	1
1,4-Dichlorobenzene	ND		ug/kg	440	--	1
Methyl tert butyl ether	ND		ug/kg	180	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212595-08 Date Collected: 07/16/12 08:40

Client ID: S-12L-B006-10.5-11.0 Date Received: 07/16/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	350	--	1
o-Xylene	ND		ug/kg	350	--	1
Xylenes, Total	ND		ug/kg	350	--	1
cis-1,2-Dichloroethene	1000		ug/kg	180	--	1
Styrene	ND		ug/kg	350	--	1
Dichlorodifluoromethane	ND		ug/kg	880	--	1
Acetone	ND		ug/kg	3200	--	1
Carbon disulfide	ND		ug/kg	880	--	1
2-Butanone	ND		ug/kg	880	--	1
4-Methyl-2-pentanone	ND		ug/kg	880	--	1
2-Hexanone	ND		ug/kg	880	--	1
Bromochloromethane	ND		ug/kg	440	--	1
1,2-Dibromoethane	ND		ug/kg	350	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	440	--	1
Isopropylbenzene	ND		ug/kg	180	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	440	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	440	--	1
Methyl Acetate	ND		ug/kg	1800	--	1
Cyclohexane	ND		ug/kg	1800	--	1
1,4-Dioxane	ND		ug/kg	8800	--	1
Methyl cyclohexane	ND		ug/kg	350	--	1
Freon-113	ND		ug/kg	1800	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	117		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	94		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212595-09	Date Collected:	07/16/12 08:40
Client ID:	S-12L-B006-13.0-13.5	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/20/12 01:09		
Analyst:	JL		
Percent Solids:	91%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	830	--	1
1,1-Dichloroethane	ND		ug/kg	160	--	1
Chloroform	ND		ug/kg	160	--	1
Carbon tetrachloride	ND		ug/kg	160	--	1
1,2-Dichloropropane	ND		ug/kg	330	--	1
Dibromochloromethane	ND		ug/kg	160	--	1
1,1,2-Trichloroethane	ND		ug/kg	160	--	1
Tetrachloroethene	ND		ug/kg	160	--	1
Chlorobenzene	ND		ug/kg	160	--	1
Trichlorofluoromethane	ND		ug/kg	410	--	1
1,2-Dichloroethane	ND		ug/kg	160	--	1
1,1,1-Trichloroethane	ND		ug/kg	160	--	1
Bromodichloromethane	ND		ug/kg	160	--	1
trans-1,3-Dichloropropene	ND		ug/kg	160	--	1
cis-1,3-Dichloropropene	ND		ug/kg	160	--	1
Bromoform	ND		ug/kg	330	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	160	--	1
Benzene	ND		ug/kg	160	--	1
Toluene	ND		ug/kg	160	--	1
Ethylbenzene	ND		ug/kg	160	--	1
Chloromethane	ND		ug/kg	410	--	1
Bromomethane	ND		ug/kg	160	--	1
Vinyl chloride	ND		ug/kg	160	--	1
Chloroethane	ND		ug/kg	160	--	1
1,1-Dichloroethene	ND		ug/kg	160	--	1
trans-1,2-Dichloroethene	ND		ug/kg	160	--	1
Trichloroethene	360		ug/kg	160	--	1
1,2-Dichlorobenzene	ND		ug/kg	410	--	1
1,3-Dichlorobenzene	ND		ug/kg	410	--	1
1,4-Dichlorobenzene	ND		ug/kg	410	--	1
Methyl tert butyl ether	ND		ug/kg	160	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212595-09 Date Collected: 07/16/12 08:40

Client ID: S-12L-B006-13.0-13.5 Date Received: 07/16/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	330	--	1
o-Xylene	ND		ug/kg	330	--	1
Xylenes, Total	ND		ug/kg	330	--	1
cis-1,2-Dichloroethene	660		ug/kg	160	--	1
Styrene	ND		ug/kg	330	--	1
Dichlorodifluoromethane	ND		ug/kg	830	--	1
Acetone	ND		ug/kg	3000	--	1
Carbon disulfide	ND		ug/kg	830	--	1
2-Butanone	ND		ug/kg	830	--	1
4-Methyl-2-pentanone	ND		ug/kg	830	--	1
2-Hexanone	ND		ug/kg	830	--	1
Bromochloromethane	ND		ug/kg	410	--	1
1,2-Dibromoethane	ND		ug/kg	330	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	410	--	1
Isopropylbenzene	ND		ug/kg	160	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	410	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	410	--	1
Methyl Acetate	ND		ug/kg	1600	--	1
Cyclohexane	ND		ug/kg	1600	--	1
1,4-Dioxane	ND		ug/kg	8300	--	1
Methyl cyclohexane	ND		ug/kg	330	--	1
Freon-113	ND		ug/kg	1600	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	113		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	93		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212595-10	Date Collected:	07/16/12 08:50
Client ID:	S-12L-B006-16.5-17.0	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/17/12 12:50		
Analyst:	BN		
Percent Solids:	91%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	960	--	1
1,1-Dichloroethane	ND		ug/kg	190	--	1
Chloroform	ND		ug/kg	190	--	1
Carbon tetrachloride	ND		ug/kg	190	--	1
1,2-Dichloropropane	ND		ug/kg	390	--	1
Dibromochloromethane	ND		ug/kg	190	--	1
1,1,2-Trichloroethane	ND		ug/kg	190	--	1
Tetrachloroethene	ND		ug/kg	190	--	1
Chlorobenzene	ND		ug/kg	190	--	1
Trichlorofluoromethane	ND		ug/kg	480	--	1
1,2-Dichloroethane	ND		ug/kg	190	--	1
1,1,1-Trichloroethane	ND		ug/kg	190	--	1
Bromodichloromethane	ND		ug/kg	190	--	1
trans-1,3-Dichloropropene	ND		ug/kg	190	--	1
cis-1,3-Dichloropropene	ND		ug/kg	190	--	1
Bromoform	ND		ug/kg	390	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	190	--	1
Benzene	ND		ug/kg	190	--	1
Toluene	ND		ug/kg	190	--	1
Ethylbenzene	ND		ug/kg	190	--	1
Chloromethane	ND		ug/kg	480	--	1
Bromomethane	ND		ug/kg	190	--	1
Vinyl chloride	ND		ug/kg	190	--	1
Chloroethane	ND		ug/kg	190	--	1
1,1-Dichloroethene	ND		ug/kg	190	--	1
trans-1,2-Dichloroethene	ND		ug/kg	190	--	1
Trichloroethene	ND		ug/kg	190	--	1
1,2-Dichlorobenzene	ND		ug/kg	480	--	1
1,3-Dichlorobenzene	ND		ug/kg	480	--	1
1,4-Dichlorobenzene	ND		ug/kg	480	--	1
Methyl tert butyl ether	ND		ug/kg	190	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212595-10 Date Collected: 07/16/12 08:50

Client ID: S-12L-B006-16.5-17.0 Date Received: 07/16/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	390	--	1
o-Xylene	ND		ug/kg	390	--	1
Xylenes, Total	ND		ug/kg	390	--	1
cis-1,2-Dichloroethene	ND		ug/kg	190	--	1
Styrene	ND		ug/kg	390	--	1
Dichlorodifluoromethane	ND		ug/kg	960	--	1
Acetone	ND		ug/kg	3500	--	1
Carbon disulfide	ND		ug/kg	960	--	1
2-Butanone	ND		ug/kg	960	--	1
4-Methyl-2-pentanone	ND		ug/kg	960	--	1
2-Hexanone	ND		ug/kg	960	--	1
Bromochloromethane	ND		ug/kg	480	--	1
1,2-Dibromoethane	ND		ug/kg	390	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	480	--	1
Isopropylbenzene	ND		ug/kg	190	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	480	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	480	--	1
Methyl Acetate	ND		ug/kg	1900	--	1
Cyclohexane	ND		ug/kg	1900	--	1
1,4-Dioxane	ND		ug/kg	9600	--	1
Methyl cyclohexane	ND		ug/kg	390	--	1
Freon-113	ND		ug/kg	1900	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	96		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212595-11	Date Collected:	07/16/12 09:10
Client ID:	S-12L-B006-21.0-21.5	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/17/12 10:31		
Analyst:	BN		
Percent Solids:	94%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	810	--	1
1,1-Dichloroethane	ND		ug/kg	160	--	1
Chloroform	ND		ug/kg	160	--	1
Carbon tetrachloride	ND		ug/kg	160	--	1
1,2-Dichloropropane	ND		ug/kg	320	--	1
Dibromochloromethane	ND		ug/kg	160	--	1
1,1,2-Trichloroethane	ND		ug/kg	160	--	1
Tetrachloroethene	ND		ug/kg	160	--	1
Chlorobenzene	ND		ug/kg	160	--	1
Trichlorofluoromethane	ND		ug/kg	410	--	1
1,2-Dichloroethane	ND		ug/kg	160	--	1
1,1,1-Trichloroethane	ND		ug/kg	160	--	1
Bromodichloromethane	ND		ug/kg	160	--	1
trans-1,3-Dichloropropene	ND		ug/kg	160	--	1
cis-1,3-Dichloropropene	ND		ug/kg	160	--	1
Bromoform	ND		ug/kg	320	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	160	--	1
Benzene	ND		ug/kg	160	--	1
Toluene	ND		ug/kg	160	--	1
Ethylbenzene	ND		ug/kg	160	--	1
Chloromethane	ND		ug/kg	410	--	1
Bromomethane	ND		ug/kg	160	--	1
Vinyl chloride	ND		ug/kg	160	--	1
Chloroethane	ND		ug/kg	160	--	1
1,1-Dichloroethene	ND		ug/kg	160	--	1
trans-1,2-Dichloroethene	ND		ug/kg	160	--	1
Trichloroethene	160		ug/kg	160	--	1
1,2-Dichlorobenzene	ND		ug/kg	410	--	1
1,3-Dichlorobenzene	ND		ug/kg	410	--	1
1,4-Dichlorobenzene	ND		ug/kg	410	--	1
Methyl tert butyl ether	ND		ug/kg	160	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212595-11 Date Collected: 07/16/12 09:10

Client ID: S-12L-B006-21.0-21.5 Date Received: 07/16/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	320	--	1
o-Xylene	ND		ug/kg	320	--	1
Xylenes, Total	ND		ug/kg	320	--	1
cis-1,2-Dichloroethene	ND		ug/kg	160	--	1
Styrene	ND		ug/kg	320	--	1
Dichlorodifluoromethane	ND		ug/kg	810	--	1
Acetone	ND		ug/kg	2900	--	1
Carbon disulfide	ND		ug/kg	810	--	1
2-Butanone	ND		ug/kg	810	--	1
4-Methyl-2-pentanone	ND		ug/kg	810	--	1
2-Hexanone	ND		ug/kg	810	--	1
Bromochloromethane	ND		ug/kg	410	--	1
1,2-Dibromoethane	ND		ug/kg	320	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	410	--	1
Isopropylbenzene	ND		ug/kg	160	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	410	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	410	--	1
Methyl Acetate	ND		ug/kg	1600	--	1
Cyclohexane	ND		ug/kg	1600	--	1
1,4-Dioxane	ND		ug/kg	8100	--	1
Methyl cyclohexane	ND		ug/kg	320	--	1
Freon-113	ND		ug/kg	1600	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	96		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212595-12	Date Collected:	07/16/12 08:45
Client ID:	EB-071612-01	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	1,8260B		
Analytical Date:	07/17/12 11:48		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	1
1,1-Dichloroethane	ND		ug/l	0.75	--	1
Chloroform	ND		ug/l	0.75	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	1.8	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.75	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
Trichlorofluoromethane	ND		ug/l	2.5	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.75	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	1.0	--	1
Vinyl chloride	ND		ug/l	1.0	--	1
Chloroethane	ND		ug/l	1.0	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	2.5	--	1
1,3-Dichlorobenzene	ND		ug/l	2.5	--	1
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
Methyl tert butyl ether	ND		ug/l	1.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212595-12 Date Collected: 07/16/12 08:45

Client ID: EB-071612-01 Date Received: 07/16/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/l	1.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
Xylenes, Total	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1
1,2-Dibromoethane	ND		ug/l	2.0	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1
Methyl Acetate	ND		ug/l	10	--	1
Cyclohexane	ND		ug/l	10	--	1
1,4-Dioxane	ND		ug/l	250	--	1
Freon-113	ND		ug/l	10	--	1
Methyl cyclohexane	ND		ug/l	10	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	98		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212595-13	Date Collected:	07/16/12 00:00
Client ID:	TB-071612-03	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	1,8260B		
Analytical Date:	07/17/12 12:14		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	1
1,1-Dichloroethane	ND		ug/l	0.75	--	1
Chloroform	ND		ug/l	0.75	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	1.8	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.75	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
Trichlorofluoromethane	ND		ug/l	2.5	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.75	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	1.0	--	1
Vinyl chloride	ND		ug/l	1.0	--	1
Chloroethane	ND		ug/l	1.0	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	2.5	--	1
1,3-Dichlorobenzene	ND		ug/l	2.5	--	1
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
Methyl tert butyl ether	ND		ug/l	1.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212595-13 Date Collected: 07/16/12 00:00

Client ID: TB-071612-03 Date Received: 07/16/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/l	1.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
Xylenes, Total	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1
1,2-Dibromoethane	ND		ug/l	2.0	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1
Methyl Acetate	ND		ug/l	10	--	1
Cyclohexane	ND		ug/l	10	--	1
1,4-Dioxane	ND		ug/l	250	--	1
Freon-113	ND		ug/l	10	--	1
Methyl cyclohexane	ND		ug/l	10	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	99		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212595-14
Client ID: S-12L-B006-23.0-23.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment
Analytical Method: 1,8260B
Analytical Date: 07/17/12 10:59
Analyst: BN
Percent Solids: 89%

Date Collected: 07/16/12 09:10
Date Received: 07/16/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	660	--	1
1,1-Dichloroethane	ND		ug/kg	130	--	1
Chloroform	ND		ug/kg	130	--	1
Carbon tetrachloride	ND		ug/kg	130	--	1
1,2-Dichloropropane	ND		ug/kg	260	--	1
Dibromochloromethane	ND		ug/kg	130	--	1
1,1,2-Trichloroethane	ND		ug/kg	130	--	1
Tetrachloroethene	ND		ug/kg	130	--	1
Chlorobenzene	ND		ug/kg	130	--	1
Trichlorofluoromethane	ND		ug/kg	330	--	1
1,2-Dichloroethane	ND		ug/kg	130	--	1
1,1,1-Trichloroethane	ND		ug/kg	130	--	1
Bromodichloromethane	ND		ug/kg	130	--	1
trans-1,3-Dichloropropene	ND		ug/kg	130	--	1
cis-1,3-Dichloropropene	ND		ug/kg	130	--	1
Bromoform	ND		ug/kg	260	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	130	--	1
Benzene	ND		ug/kg	130	--	1
Toluene	ND		ug/kg	130	--	1
Ethylbenzene	ND		ug/kg	130	--	1
Chloromethane	ND		ug/kg	330	--	1
Bromomethane	ND		ug/kg	130	--	1
Vinyl chloride	ND		ug/kg	130	--	1
Chloroethane	ND		ug/kg	130	--	1
1,1-Dichloroethene	ND		ug/kg	130	--	1
trans-1,2-Dichloroethene	ND		ug/kg	130	--	1
Trichloroethene	350		ug/kg	130	--	1
1,2-Dichlorobenzene	ND		ug/kg	330	--	1
1,3-Dichlorobenzene	ND		ug/kg	330	--	1
1,4-Dichlorobenzene	ND		ug/kg	330	--	1
Methyl tert butyl ether	ND		ug/kg	130	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212595-14 Date Collected: 07/16/12 09:10

Client ID: S-12L-B006-23.0-23.5 Date Received: 07/16/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	260	--	1
o-Xylene	ND		ug/kg	260	--	1
Xylenes, Total	ND		ug/kg	260	--	1
cis-1,2-Dichloroethene	ND		ug/kg	130	--	1
Styrene	ND		ug/kg	260	--	1
Dichlorodifluoromethane	ND		ug/kg	660	--	1
Acetone	ND		ug/kg	2400	--	1
Carbon disulfide	ND		ug/kg	660	--	1
2-Butanone	ND		ug/kg	660	--	1
4-Methyl-2-pentanone	ND		ug/kg	660	--	1
2-Hexanone	ND		ug/kg	660	--	1
Bromochloromethane	ND		ug/kg	330	--	1
1,2-Dibromoethane	ND		ug/kg	260	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	330	--	1
Isopropylbenzene	ND		ug/kg	130	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	330	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	330	--	1
Methyl Acetate	ND		ug/kg	1300	--	1
Cyclohexane	ND		ug/kg	1300	--	1
1,4-Dioxane	ND		ug/kg	6600	--	1
Methyl cyclohexane	ND		ug/kg	260	--	1
Freon-113	ND		ug/kg	1300	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	96		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212595-15	Date Collected:	07/16/12 09:50
Client ID:	S-12L-B006-27.0-27.5	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/17/12 11:26		
Analyst:	BN		
Percent Solids:	91%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	960	--	1
1,1-Dichloroethane	ND		ug/kg	190	--	1
Chloroform	ND		ug/kg	190	--	1
Carbon tetrachloride	ND		ug/kg	190	--	1
1,2-Dichloropropane	ND		ug/kg	380	--	1
Dibromochloromethane	ND		ug/kg	190	--	1
1,1,2-Trichloroethane	ND		ug/kg	190	--	1
Tetrachloroethene	ND		ug/kg	190	--	1
Chlorobenzene	ND		ug/kg	190	--	1
Trichlorofluoromethane	ND		ug/kg	480	--	1
1,2-Dichloroethane	ND		ug/kg	190	--	1
1,1,1-Trichloroethane	ND		ug/kg	190	--	1
Bromodichloromethane	ND		ug/kg	190	--	1
trans-1,3-Dichloropropene	ND		ug/kg	190	--	1
cis-1,3-Dichloropropene	ND		ug/kg	190	--	1
Bromoform	ND		ug/kg	380	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	190	--	1
Benzene	ND		ug/kg	190	--	1
Toluene	ND		ug/kg	190	--	1
Ethylbenzene	ND		ug/kg	190	--	1
Chloromethane	ND		ug/kg	480	--	1
Bromomethane	ND		ug/kg	190	--	1
Vinyl chloride	ND		ug/kg	190	--	1
Chloroethane	ND		ug/kg	190	--	1
1,1-Dichloroethene	ND		ug/kg	190	--	1
trans-1,2-Dichloroethene	ND		ug/kg	190	--	1
Trichloroethene	260		ug/kg	190	--	1
1,2-Dichlorobenzene	ND		ug/kg	480	--	1
1,3-Dichlorobenzene	ND		ug/kg	480	--	1
1,4-Dichlorobenzene	ND		ug/kg	480	--	1
Methyl tert butyl ether	ND		ug/kg	190	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212595-15 Date Collected: 07/16/12 09:50

Client ID: S-12L-B006-27.0-27.5 Date Received: 07/16/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	380	--	1
o-Xylene	ND		ug/kg	380	--	1
Xylenes, Total	ND		ug/kg	380	--	1
cis-1,2-Dichloroethene	ND		ug/kg	190	--	1
Styrene	ND		ug/kg	380	--	1
Dichlorodifluoromethane	ND		ug/kg	960	--	1
Acetone	ND		ug/kg	3400	--	1
Carbon disulfide	ND		ug/kg	960	--	1
2-Butanone	ND		ug/kg	960	--	1
4-Methyl-2-pentanone	ND		ug/kg	960	--	1
2-Hexanone	ND		ug/kg	960	--	1
Bromochloromethane	ND		ug/kg	480	--	1
1,2-Dibromoethane	ND		ug/kg	380	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	480	--	1
Isopropylbenzene	ND		ug/kg	190	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	480	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	480	--	1
Methyl Acetate	ND		ug/kg	1900	--	1
Cyclohexane	ND		ug/kg	1900	--	1
1,4-Dioxane	ND		ug/kg	9600	--	1
Methyl cyclohexane	ND		ug/kg	380	--	1
Freon-113	ND		ug/kg	1900	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	94		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212595-16	Date Collected:	07/16/12 09:50
Client ID:	S-12L-B006-28.5-29.0	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/17/12 11:54		
Analyst:	BN		
Percent Solids:	88%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	740	--	1
1,1-Dichloroethane	ND		ug/kg	150	--	1
Chloroform	ND		ug/kg	150	--	1
Carbon tetrachloride	ND		ug/kg	150	--	1
1,2-Dichloropropane	ND		ug/kg	300	--	1
Dibromochloromethane	ND		ug/kg	150	--	1
1,1,2-Trichloroethane	ND		ug/kg	150	--	1
Tetrachloroethene	ND		ug/kg	150	--	1
Chlorobenzene	ND		ug/kg	150	--	1
Trichlorofluoromethane	ND		ug/kg	370	--	1
1,2-Dichloroethane	ND		ug/kg	150	--	1
1,1,1-Trichloroethane	ND		ug/kg	150	--	1
Bromodichloromethane	ND		ug/kg	150	--	1
trans-1,3-Dichloropropene	ND		ug/kg	150	--	1
cis-1,3-Dichloropropene	ND		ug/kg	150	--	1
Bromoform	ND		ug/kg	300	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	150	--	1
Benzene	ND		ug/kg	150	--	1
Toluene	ND		ug/kg	150	--	1
Ethylbenzene	ND		ug/kg	150	--	1
Chloromethane	ND		ug/kg	370	--	1
Bromomethane	ND		ug/kg	150	--	1
Vinyl chloride	ND		ug/kg	150	--	1
Chloroethane	ND		ug/kg	150	--	1
1,1-Dichloroethene	ND		ug/kg	150	--	1
trans-1,2-Dichloroethene	ND		ug/kg	150	--	1
Trichloroethene	ND		ug/kg	150	--	1
1,2-Dichlorobenzene	ND		ug/kg	370	--	1
1,3-Dichlorobenzene	ND		ug/kg	370	--	1
1,4-Dichlorobenzene	ND		ug/kg	370	--	1
Methyl tert butyl ether	ND		ug/kg	150	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212595-16 Date Collected: 07/16/12 09:50

Client ID: S-12L-B006-28.5-29.0 Date Received: 07/16/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	300	--	1
o-Xylene	ND		ug/kg	300	--	1
Xylenes, Total	ND		ug/kg	300	--	1
cis-1,2-Dichloroethene	ND		ug/kg	150	--	1
Styrene	ND		ug/kg	300	--	1
Dichlorodifluoromethane	ND		ug/kg	740	--	1
Acetone	ND		ug/kg	2700	--	1
Carbon disulfide	ND		ug/kg	740	--	1
2-Butanone	ND		ug/kg	740	--	1
4-Methyl-2-pentanone	ND		ug/kg	740	--	1
2-Hexanone	ND		ug/kg	740	--	1
Bromochloromethane	ND		ug/kg	370	--	1
1,2-Dibromoethane	ND		ug/kg	300	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	370	--	1
Isopropylbenzene	ND		ug/kg	150	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	370	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	370	--	1
Methyl Acetate	ND		ug/kg	1500	--	1
Cyclohexane	ND		ug/kg	1500	--	1
1,4-Dioxane	ND		ug/kg	7400	--	1
Methyl cyclohexane	ND		ug/kg	300	--	1
Freon-113	ND		ug/kg	1500	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	96		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212595-17	Date Collected:	07/16/12 10:10
Client ID:	S-12L-B006-31.0-31.5	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/17/12 13:18		
Analyst:	BN		
Percent Solids:	84%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	850	--	1
1,1-Dichloroethane	ND		ug/kg	170	--	1
Chloroform	ND		ug/kg	170	--	1
Carbon tetrachloride	ND		ug/kg	170	--	1
1,2-Dichloropropane	ND		ug/kg	340	--	1
Dibromochloromethane	ND		ug/kg	170	--	1
1,1,2-Trichloroethane	ND		ug/kg	170	--	1
Tetrachloroethene	ND		ug/kg	170	--	1
Chlorobenzene	ND		ug/kg	170	--	1
Trichlorofluoromethane	ND		ug/kg	420	--	1
1,2-Dichloroethane	ND		ug/kg	170	--	1
1,1,1-Trichloroethane	ND		ug/kg	170	--	1
Bromodichloromethane	ND		ug/kg	170	--	1
trans-1,3-Dichloropropene	ND		ug/kg	170	--	1
cis-1,3-Dichloropropene	ND		ug/kg	170	--	1
Bromoform	ND		ug/kg	340	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	170	--	1
Benzene	ND		ug/kg	170	--	1
Toluene	ND		ug/kg	170	--	1
Ethylbenzene	ND		ug/kg	170	--	1
Chloromethane	ND		ug/kg	420	--	1
Bromomethane	ND		ug/kg	170	--	1
Vinyl chloride	ND		ug/kg	170	--	1
Chloroethane	ND		ug/kg	170	--	1
1,1-Dichloroethene	ND		ug/kg	170	--	1
trans-1,2-Dichloroethene	ND		ug/kg	170	--	1
Trichloroethene	ND		ug/kg	170	--	1
1,2-Dichlorobenzene	ND		ug/kg	420	--	1
1,3-Dichlorobenzene	ND		ug/kg	420	--	1
1,4-Dichlorobenzene	ND		ug/kg	420	--	1
Methyl tert butyl ether	ND		ug/kg	170	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212595-17 Date Collected: 07/16/12 10:10

Client ID: S-12L-B006-31.0-31.5 Date Received: 07/16/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	340	--	1
o-Xylene	ND		ug/kg	340	--	1
Xylenes, Total	ND		ug/kg	340	--	1
cis-1,2-Dichloroethene	ND		ug/kg	170	--	1
Styrene	ND		ug/kg	340	--	1
Dichlorodifluoromethane	ND		ug/kg	850	--	1
Acetone	ND		ug/kg	3100	--	1
Carbon disulfide	ND		ug/kg	850	--	1
2-Butanone	ND		ug/kg	850	--	1
4-Methyl-2-pentanone	ND		ug/kg	850	--	1
2-Hexanone	ND		ug/kg	850	--	1
Bromochloromethane	ND		ug/kg	420	--	1
1,2-Dibromoethane	ND		ug/kg	340	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	420	--	1
Isopropylbenzene	ND		ug/kg	170	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	420	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	420	--	1
Methyl Acetate	ND		ug/kg	1700	--	1
Cyclohexane	ND		ug/kg	1700	--	1
1,4-Dioxane	ND		ug/kg	8500	--	1
Methyl cyclohexane	ND		ug/kg	340	--	1
Freon-113	ND		ug/kg	1700	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	95		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212595-18	Date Collected:	07/16/12 09:50
Client ID:	S-12L-B006-26.0-26.5	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/25/12 16:49		
Analyst:	PP		
Percent Solids:	89%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	780	--	1
1,1-Dichloroethane	ND		ug/kg	160	--	1
Chloroform	ND		ug/kg	160	--	1
Carbon tetrachloride	ND		ug/kg	160	--	1
1,2-Dichloropropane	ND		ug/kg	310	--	1
Dibromochloromethane	ND		ug/kg	160	--	1
1,1,2-Trichloroethane	ND		ug/kg	160	--	1
Tetrachloroethene	ND		ug/kg	160	--	1
Chlorobenzene	ND		ug/kg	160	--	1
Trichlorofluoromethane	ND		ug/kg	390	--	1
1,2-Dichloroethane	ND		ug/kg	160	--	1
1,1,1-Trichloroethane	ND		ug/kg	160	--	1
Bromodichloromethane	ND		ug/kg	160	--	1
trans-1,3-Dichloropropene	ND		ug/kg	160	--	1
cis-1,3-Dichloropropene	ND		ug/kg	160	--	1
Bromoform	ND		ug/kg	310	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	160	--	1
Benzene	ND		ug/kg	160	--	1
Toluene	ND		ug/kg	160	--	1
Ethylbenzene	ND		ug/kg	160	--	1
Chloromethane	ND		ug/kg	390	--	1
Bromomethane	ND		ug/kg	160	--	1
Vinyl chloride	ND		ug/kg	160	--	1
Chloroethane	ND		ug/kg	160	--	1
1,1-Dichloroethene	ND		ug/kg	160	--	1
trans-1,2-Dichloroethene	ND		ug/kg	160	--	1
Trichloroethene	ND		ug/kg	160	--	1
1,2-Dichlorobenzene	ND		ug/kg	390	--	1
1,3-Dichlorobenzene	ND		ug/kg	390	--	1
1,4-Dichlorobenzene	ND		ug/kg	390	--	1
Methyl tert butyl ether	ND		ug/kg	160	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212595-18 Date Collected: 07/16/12 09:50

Client ID: S-12L-B006-26.0-26.5 Date Received: 07/16/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	310	--	1
o-Xylene	ND		ug/kg	310	--	1
Xylenes, Total	ND		ug/kg	310	--	1
cis-1,2-Dichloroethene	ND		ug/kg	160	--	1
Styrene	ND		ug/kg	310	--	1
Dichlorodifluoromethane	ND		ug/kg	780	--	1
Acetone	ND		ug/kg	2800	--	1
Carbon disulfide	ND		ug/kg	780	--	1
2-Butanone	ND		ug/kg	780	--	1
4-Methyl-2-pentanone	ND		ug/kg	780	--	1
2-Hexanone	ND		ug/kg	780	--	1
Bromochloromethane	ND		ug/kg	390	--	1
1,2-Dibromoethane	ND		ug/kg	310	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	390	--	1
Isopropylbenzene	ND		ug/kg	160	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	390	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	390	--	1
Methyl Acetate	ND		ug/kg	1600	--	1
Cyclohexane	ND		ug/kg	1600	--	1
1,4-Dioxane	ND		ug/kg	7800	--	1
Methyl cyclohexane	ND		ug/kg	310	--	1
Freon-113	ND		ug/kg	1600	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	113		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	92		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/17/12 08:38
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 01-04,07-08 Batch: WG548890-3					
Methylene chloride	ND		ug/kg	500	--
1,1-Dichloroethane	ND		ug/kg	100	--
Chloroform	ND		ug/kg	100	--
Carbon tetrachloride	ND		ug/kg	100	--
1,2-Dichloropropane	ND		ug/kg	200	--
Dibromochloromethane	ND		ug/kg	100	--
1,1,2-Trichloroethane	ND		ug/kg	100	--
Tetrachloroethene	ND		ug/kg	100	--
Chlorobenzene	ND		ug/kg	100	--
Trichlorofluoromethane	ND		ug/kg	250	--
1,2-Dichloroethane	ND		ug/kg	100	--
1,1,1-Trichloroethane	ND		ug/kg	100	--
Bromodichloromethane	ND		ug/kg	100	--
trans-1,3-Dichloropropene	ND		ug/kg	100	--
cis-1,3-Dichloropropene	ND		ug/kg	100	--
Bromoform	ND		ug/kg	200	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	100	--
Benzene	ND		ug/kg	100	--
Toluene	ND		ug/kg	100	--
Ethylbenzene	ND		ug/kg	100	--
Chloromethane	ND		ug/kg	250	--
Bromomethane	ND		ug/kg	100	--
Vinyl chloride	ND		ug/kg	100	--
Chloroethane	ND		ug/kg	100	--
1,1-Dichloroethene	ND		ug/kg	100	--
trans-1,2-Dichloroethene	ND		ug/kg	100	--
Trichloroethene	ND		ug/kg	100	--
1,2-Dichlorobenzene	ND		ug/kg	250	--
1,3-Dichlorobenzene	ND		ug/kg	250	--
1,4-Dichlorobenzene	ND		ug/kg	250	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/17/12 08:38
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 01-04,07-08 Batch: WG548890-3					
Methyl tert butyl ether	ND		ug/kg	100	--
p/m-Xylene	ND		ug/kg	200	--
o-Xylene	ND		ug/kg	200	--
Xylenes, Total	ND		ug/kg	200	--
cis-1,2-Dichloroethene	ND		ug/kg	100	--
Styrene	ND		ug/kg	200	--
Dichlorodifluoromethane	ND		ug/kg	500	--
Acetone	ND		ug/kg	1800	--
Carbon disulfide	ND		ug/kg	500	--
2-Butanone	ND		ug/kg	500	--
4-Methyl-2-pentanone	ND		ug/kg	500	--
2-Hexanone	ND		ug/kg	500	--
Bromochloromethane	ND		ug/kg	250	--
1,2-Dibromoethane	ND		ug/kg	200	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	--
Isopropylbenzene	ND		ug/kg	100	--
1,2,3-Trichlorobenzene	ND		ug/kg	250	--
1,2,4-Trichlorobenzene	ND		ug/kg	250	--
Methyl Acetate	ND		ug/kg	1000	--
Cyclohexane	ND		ug/kg	1000	--
1,4-Dioxane	ND		ug/kg	5000	--
Methyl cyclohexane	ND		ug/kg	200	--
Freon-113	ND		ug/kg	1000	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/17/12 08:38
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 01-04,07-08 Batch: WG548890-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	114		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	96		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/17/12 08:48
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 12-13 Batch: WG548907-3					
Methylene chloride	ND		ug/l	3.0	--
1,1-Dichloroethane	ND		ug/l	0.75	--
Chloroform	ND		ug/l	0.75	--
Carbon tetrachloride	ND		ug/l	0.50	--
1,2-Dichloropropane	ND		ug/l	1.8	--
Dibromochloromethane	ND		ug/l	0.50	--
1,1,2-Trichloroethane	ND		ug/l	0.75	--
Tetrachloroethene	ND		ug/l	0.50	--
Chlorobenzene	ND		ug/l	0.50	--
Trichlorofluoromethane	ND		ug/l	2.5	--
1,2-Dichloroethane	ND		ug/l	0.50	--
1,1,1-Trichloroethane	ND		ug/l	0.50	--
Bromodichloromethane	ND		ug/l	0.50	--
trans-1,3-Dichloropropene	ND		ug/l	0.50	--
cis-1,3-Dichloropropene	ND		ug/l	0.50	--
Bromoform	ND		ug/l	2.0	--
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--
Benzene	ND		ug/l	0.50	--
Toluene	ND		ug/l	0.75	--
Ethylbenzene	ND		ug/l	0.50	--
Chloromethane	ND		ug/l	2.5	--
Bromomethane	ND		ug/l	1.0	--
Vinyl chloride	ND		ug/l	1.0	--
Chloroethane	ND		ug/l	1.0	--
1,1-Dichloroethene	ND		ug/l	0.50	--
trans-1,2-Dichloroethene	ND		ug/l	0.75	--
Trichloroethene	ND		ug/l	0.50	--
1,2-Dichlorobenzene	ND		ug/l	2.5	--
1,3-Dichlorobenzene	ND		ug/l	2.5	--
1,4-Dichlorobenzene	ND		ug/l	2.5	--
Methyl tert butyl ether	ND		ug/l	1.0	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/17/12 08:48
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 12-13 Batch: WG548907-3					
p/m-Xylene	ND		ug/l	1.0	--
o-Xylene	ND		ug/l	1.0	--
Xylenes, Total	ND		ug/l	1.0	--
cis-1,2-Dichloroethene	ND		ug/l	0.50	--
Styrene	ND		ug/l	1.0	--
Dichlorodifluoromethane	ND		ug/l	5.0	--
Acetone	ND		ug/l	5.0	--
Carbon disulfide	ND		ug/l	5.0	--
2-Butanone	ND		ug/l	5.0	--
4-Methyl-2-pentanone	ND		ug/l	5.0	--
2-Hexanone	ND		ug/l	5.0	--
Bromochloromethane	ND		ug/l	2.5	--
1,2-Dibromoethane	ND		ug/l	2.0	--
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--
Isopropylbenzene	ND		ug/l	0.50	--
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--
Methyl Acetate	ND		ug/l	10	--
Cyclohexane	ND		ug/l	10	--
1,4-Dioxane	ND		ug/l	250	--
Freon-113	ND		ug/l	10	--
Methyl cyclohexane	ND		ug/l	10	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	98		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/17/12 08:40
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 10-11,14-17 Batch: WG549189-3					
Methylene chloride	ND		ug/kg	500	--
1,1-Dichloroethane	ND		ug/kg	100	--
Chloroform	ND		ug/kg	100	--
Carbon tetrachloride	ND		ug/kg	100	--
1,2-Dichloropropane	ND		ug/kg	200	--
Dibromochloromethane	ND		ug/kg	100	--
1,1,2-Trichloroethane	ND		ug/kg	100	--
Tetrachloroethene	ND		ug/kg	100	--
Chlorobenzene	ND		ug/kg	100	--
Trichlorofluoromethane	ND		ug/kg	250	--
1,2-Dichloroethane	ND		ug/kg	100	--
1,1,1-Trichloroethane	ND		ug/kg	100	--
Bromodichloromethane	ND		ug/kg	100	--
trans-1,3-Dichloropropene	ND		ug/kg	100	--
cis-1,3-Dichloropropene	ND		ug/kg	100	--
Bromoform	ND		ug/kg	200	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	100	--
Benzene	ND		ug/kg	100	--
Toluene	ND		ug/kg	100	--
Ethylbenzene	ND		ug/kg	100	--
Chloromethane	ND		ug/kg	250	--
Bromomethane	ND		ug/kg	100	--
Vinyl chloride	ND		ug/kg	100	--
Chloroethane	ND		ug/kg	100	--
1,1-Dichloroethene	ND		ug/kg	100	--
trans-1,2-Dichloroethene	ND		ug/kg	100	--
Trichloroethene	ND		ug/kg	100	--
1,2-Dichlorobenzene	ND		ug/kg	250	--
1,3-Dichlorobenzene	ND		ug/kg	250	--
1,4-Dichlorobenzene	ND		ug/kg	250	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/17/12 08:40
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 10-11,14-17 Batch: WG549189-3					
Methyl tert butyl ether	ND		ug/kg	100	--
p/m-Xylene	ND		ug/kg	200	--
o-Xylene	ND		ug/kg	200	--
Xylenes, Total	ND		ug/kg	200	--
cis-1,2-Dichloroethene	ND		ug/kg	100	--
Styrene	ND		ug/kg	200	--
Dichlorodifluoromethane	ND		ug/kg	500	--
Acetone	ND		ug/kg	1800	--
Carbon disulfide	ND		ug/kg	500	--
2-Butanone	ND		ug/kg	500	--
4-Methyl-2-pentanone	ND		ug/kg	500	--
2-Hexanone	ND		ug/kg	500	--
Bromochloromethane	ND		ug/kg	250	--
1,2-Dibromoethane	ND		ug/kg	200	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	--
Isopropylbenzene	ND		ug/kg	100	--
1,2,3-Trichlorobenzene	ND		ug/kg	250	--
1,2,4-Trichlorobenzene	ND		ug/kg	250	--
Methyl Acetate	ND		ug/kg	1000	--
Cyclohexane	ND		ug/kg	1000	--
1,4-Dioxane	ND		ug/kg	5000	--
Methyl cyclohexane	ND		ug/kg	200	--
Freon-113	ND		ug/kg	1000	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/17/12 08:40
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 10-11,14-17 Batch: WG549189-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	98		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/19/12 21:05
Analyst: JL

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 05-06,09 Batch: WG549753-3					
Methylene chloride	ND		ug/kg	500	--
1,1-Dichloroethane	ND		ug/kg	100	--
Chloroform	ND		ug/kg	100	--
Carbon tetrachloride	ND		ug/kg	100	--
1,2-Dichloropropane	ND		ug/kg	200	--
Dibromochloromethane	ND		ug/kg	100	--
1,1,2-Trichloroethane	ND		ug/kg	100	--
Tetrachloroethene	ND		ug/kg	100	--
Chlorobenzene	ND		ug/kg	100	--
Trichlorofluoromethane	ND		ug/kg	250	--
1,2-Dichloroethane	ND		ug/kg	100	--
1,1,1-Trichloroethane	ND		ug/kg	100	--
Bromodichloromethane	ND		ug/kg	100	--
trans-1,3-Dichloropropene	ND		ug/kg	100	--
cis-1,3-Dichloropropene	ND		ug/kg	100	--
Bromoform	ND		ug/kg	200	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	100	--
Benzene	ND		ug/kg	100	--
Toluene	ND		ug/kg	100	--
Ethylbenzene	ND		ug/kg	100	--
Chloromethane	ND		ug/kg	250	--
Bromomethane	ND		ug/kg	100	--
Vinyl chloride	ND		ug/kg	100	--
Chloroethane	ND		ug/kg	100	--
1,1-Dichloroethene	ND		ug/kg	100	--
trans-1,2-Dichloroethene	ND		ug/kg	100	--
Trichloroethene	ND		ug/kg	100	--
1,2-Dichlorobenzene	ND		ug/kg	250	--
1,3-Dichlorobenzene	ND		ug/kg	250	--
1,4-Dichlorobenzene	ND		ug/kg	250	--
Methyl tert butyl ether	ND		ug/kg	100	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/19/12 21:05
Analyst: JL

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 05-06,09 Batch: WG549753-3					
p/m-Xylene	ND		ug/kg	200	--
o-Xylene	ND		ug/kg	200	--
Xylenes, Total	ND		ug/kg	200	--
cis-1,2-Dichloroethene	ND		ug/kg	100	--
Styrene	ND		ug/kg	200	--
Dichlorodifluoromethane	ND		ug/kg	500	--
Acetone	ND		ug/kg	1800	--
Carbon disulfide	ND		ug/kg	500	--
2-Butanone	ND		ug/kg	500	--
4-Methyl-2-pentanone	ND		ug/kg	500	--
2-Hexanone	ND		ug/kg	500	--
Bromochloromethane	ND		ug/kg	250	--
1,2-Dibromoethane	ND		ug/kg	200	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	--
Isopropylbenzene	ND		ug/kg	100	--
1,2,3-Trichlorobenzene	ND		ug/kg	250	--
1,2,4-Trichlorobenzene	ND		ug/kg	250	--
Methyl Acetate	ND		ug/kg	1000	--
Cyclohexane	ND		ug/kg	1000	--
1,4-Dioxane	ND		ug/kg	5000	--
Methyl cyclohexane	ND		ug/kg	200	--
Freon-113	ND		ug/kg	1000	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	113		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	95		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/25/12 08:30
Analyst: PP

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 18 Batch: WG551070-3					
Methylene chloride	ND		ug/kg	500	--
1,1-Dichloroethane	ND		ug/kg	100	--
Chloroform	ND		ug/kg	100	--
Carbon tetrachloride	ND		ug/kg	100	--
1,2-Dichloropropane	ND		ug/kg	200	--
Dibromochloromethane	ND		ug/kg	100	--
1,1,2-Trichloroethane	ND		ug/kg	100	--
Tetrachloroethene	ND		ug/kg	100	--
Chlorobenzene	ND		ug/kg	100	--
Trichlorofluoromethane	ND		ug/kg	250	--
1,2-Dichloroethane	ND		ug/kg	100	--
1,1,1-Trichloroethane	ND		ug/kg	100	--
Bromodichloromethane	ND		ug/kg	100	--
trans-1,3-Dichloropropene	ND		ug/kg	100	--
cis-1,3-Dichloropropene	ND		ug/kg	100	--
Bromoform	ND		ug/kg	200	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	100	--
Benzene	ND		ug/kg	100	--
Toluene	ND		ug/kg	100	--
Ethylbenzene	ND		ug/kg	100	--
Chloromethane	ND		ug/kg	250	--
Bromomethane	ND		ug/kg	100	--
Vinyl chloride	ND		ug/kg	100	--
Chloroethane	ND		ug/kg	100	--
1,1-Dichloroethene	ND		ug/kg	100	--
trans-1,2-Dichloroethene	ND		ug/kg	100	--
Trichloroethene	ND		ug/kg	100	--
1,2-Dichlorobenzene	ND		ug/kg	250	--
1,3-Dichlorobenzene	ND		ug/kg	250	--
1,4-Dichlorobenzene	ND		ug/kg	250	--
Methyl tert butyl ether	ND		ug/kg	100	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/25/12 08:30
Analyst: PP

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 18 Batch: WG551070-3					
p/m-Xylene	ND		ug/kg	200	--
o-Xylene	ND		ug/kg	200	--
Xylenes, Total	ND		ug/kg	200	--
cis-1,2-Dichloroethene	ND		ug/kg	100	--
Styrene	ND		ug/kg	200	--
Dichlorodifluoromethane	ND		ug/kg	500	--
Acetone	ND		ug/kg	1800	--
Carbon disulfide	ND		ug/kg	500	--
2-Butanone	ND		ug/kg	500	--
4-Methyl-2-pentanone	ND		ug/kg	500	--
2-Hexanone	ND		ug/kg	500	--
Bromochloromethane	ND		ug/kg	250	--
1,2-Dibromoethane	ND		ug/kg	200	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	--
Isopropylbenzene	ND		ug/kg	100	--
1,2,3-Trichlorobenzene	ND		ug/kg	250	--
1,2,4-Trichlorobenzene	ND		ug/kg	250	--
Methyl Acetate	ND		ug/kg	1000	--
Cyclohexane	ND		ug/kg	1000	--
1,4-Dioxane	ND		ug/kg	5000	--
Methyl cyclohexane	ND		ug/kg	200	--
Freon-113	ND		ug/kg	1000	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	112		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	97		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212595

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 01-04,07-08 Batch: WG548890-1 WG548890-2								
Methylene chloride	97		100		70-130	3		30
1,1-Dichloroethane	85		84		70-130	1		30
Chloroform	83		84		70-130	1		30
Carbon tetrachloride	87		85		70-130	2		30
1,2-Dichloropropane	82		85		70-130	4		30
Dibromochloromethane	94		97		70-130	3		30
1,1,2-Trichloroethane	95		96		70-130	1		30
Tetrachloroethene	101		100		70-130	1		30
Chlorobenzene	96		98		70-130	2		30
Trichlorofluoromethane	86		82		70-139	5		30
1,2-Dichloroethane	82		84		70-130	2		30
1,1,1-Trichloroethane	86		86		70-130	0		30
Bromodichloromethane	82		84		70-130	2		30
trans-1,3-Dichloropropene	95		98		70-130	3		30
cis-1,3-Dichloropropene	82		84		70-130	2		30
Bromoform	91		95		70-130	4		30
1,1,2,2-Tetrachloroethane	102		105		70-130	3		30
Benzene	81		81		70-130	0		30
Toluene	95		95		70-130	0		30
Ethylbenzene	98		96		70-130	2		30
Chloromethane	93		91		52-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212595

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 01-04,07-08 Batch: WG548890-1 WG548890-2								
Bromomethane	98		88		57-147	11		30
Vinyl chloride	95		92		67-130	3		30
Chloroethane	93		91		50-151	2		30
1,1-Dichloroethene	87		85		65-135	2		30
trans-1,2-Dichloroethene	85		83		70-130	2		30
Trichloroethene	87		85		70-130	2		30
1,2-Dichlorobenzene	107		109		70-130	2		30
1,3-Dichlorobenzene	109		112		70-130	3		30
1,4-Dichlorobenzene	109		110		70-130	1		30
Methyl tert butyl ether	77		80		66-130	4		30
p/m-Xylene	99		98		70-130	1		30
o-Xylene	97		97		70-130	0		30
cis-1,2-Dichloroethene	84		85		70-130	1		30
Styrene	96		97		70-130	1		30
Dichlorodifluoromethane	93		88		30-146	6		30
Acetone	100		100		54-140	0		30
Carbon disulfide	88		85		59-130	3		30
2-Butanone	87		88		70-130	1		30
4-Methyl-2-pentanone	72		75		70-130	4		30
2-Hexanone	94		96		70-130	2		30
Bromochloromethane	87		88		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212595

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 01-04,07-08 Batch: WG548890-1 WG548890-2								
1,2-Dibromoethane	94		96		70-130	2		30
1,2-Dibromo-3-chloropropane	93		100		68-130	7		30
Isopropylbenzene	109		112		70-130	3		30
1,2,3-Trichlorobenzene	105		110		70-130	5		30
1,2,4-Trichlorobenzene	109		115		70-130	5		30
Methyl Acetate	80		82		65-130	2		30
Cyclohexane	89		88		70-130	1		30
1,4-Dioxane	82		83		65-136	1		30
Methyl cyclohexane	87		86		70-130	1		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	91		87		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		104		70-130
Toluene-d8	113		114		70-130
4-Bromofluorobenzene	102		105		70-130
Dibromofluoromethane	99		98		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212595

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 12-13 Batch: WG548907-1 WG548907-2								
Methylene chloride	94		90		70-130	4		20
1,1-Dichloroethane	97		91		70-130	6		20
Chloroform	96		90		70-130	6		20
Carbon tetrachloride	91		87		63-132	4		20
1,2-Dichloropropane	94		90		70-130	4		20
Dibromochloromethane	92		89		63-130	3		20
1,1,2-Trichloroethane	95		94		70-130	1		20
Tetrachloroethene	100		96		70-130	4		20
Chlorobenzene	104		100		75-130	4		25
Trichlorofluoromethane	122		115		62-150	6		20
1,2-Dichloroethane	91		89		70-130	2		20
1,1,1-Trichloroethane	94		88		67-130	7		20
Bromodichloromethane	93		86		67-130	8		20
trans-1,3-Dichloropropene	87		88		70-130	1		20
cis-1,3-Dichloropropene	88		84		70-130	5		20
Bromoform	92		93		54-136	1		20
1,1,2,2-Tetrachloroethane	98		98		67-130	0		20
Benzene	98		94		70-130	4		25
Toluene	104		100		70-130	4		25
Ethylbenzene	108		105		70-130	3		20
Chloromethane	**56**	Q	**55**	Q	64-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212595

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 12-13 Batch: WG548907-1 WG548907-2								
Bromomethane	51		54		39-139	6		20
Vinyl chloride	101		102		55-140	1		20
Chloroethane	120		117		55-138	3		20
1,1-Dichloroethene	99		93		61-145	6		25
trans-1,2-Dichloroethene	96		91		70-130	5		20
Trichloroethene	96		92		70-130	4		25
1,2-Dichlorobenzene	103		100		70-130	3		20
1,3-Dichlorobenzene	107		103		70-130	4		20
1,4-Dichlorobenzene	106		103		70-130	3		20
Methyl tert butyl ether	76		75		63-130	1		20
p/m-Xylene	108		104		70-130	4		20
o-Xylene	106		102		70-130	4		20
cis-1,2-Dichloroethene	95		88		70-130	8		20
Styrene	106		103		70-130	3		20
Dichlorodifluoromethane	93		87		36-147	7		20
Acetone	81		83		58-148	2		20
Carbon disulfide	93		87		51-130	7		20
2-Butanone	63		63		63-138	0		20
4-Methyl-2-pentanone	64		62		59-130	3		20
2-Hexanone	68		70		57-130	3		20
Bromochloromethane	101		98		70-130	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212595

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 12-13 Batch: WG548907-1 WG548907-2								
1,2-Dibromoethane	91		89		70-130	2		20
1,2-Dibromo-3-chloropropane	94		88		41-144	7		20
Isopropylbenzene	116		112		70-130	4		20
1,2,3-Trichlorobenzene	78		72		70-130	8		20
1,2,4-Trichlorobenzene	85		82		70-130	4		20
Methyl Acetate	72		73		70-130	1		20
Cyclohexane	91		88		70-130	3		20
1,4-Dioxane	67		62		56-162	8		20
1,1,2-Trichloro-1,2,2-Trifluoroethane	98		92		70-130	6		20
Methyl cyclohexane	93		89		70-130	4		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	93		96		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	94		96		70-130
Dibromofluoromethane	95		97		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212595

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 05-06,09 Batch: WG549753-1 WG549753-2								
Methylene chloride	85		86		70-130	1		30
1,1-Dichloroethane	85		87		70-130	2		30
Chloroform	84		86		70-130	2		30
Carbon tetrachloride	87		88		70-130	1		30
1,2-Dichloropropane	85		88		70-130	3		30
Dibromochloromethane	94		97		70-130	3		30
1,1,2-Trichloroethane	93		96		70-130	3		30
Tetrachloroethene	100		101		70-130	1		30
Chlorobenzene	99		99		70-130	0		30
Trichlorofluoromethane	76		77		70-139	1		30
1,2-Dichloroethane	84		86		70-130	2		30
1,1,1-Trichloroethane	87		88		70-130	1		30
Bromodichloromethane	84		85		70-130	1		30
trans-1,3-Dichloropropene	96		98		70-130	2		30
cis-1,3-Dichloropropene	83		85		70-130	2		30
Bromoform	90		95		70-130	5		30
1,1,2,2-Tetrachloroethane	99		104		70-130	5		30
Benzene	83		83		70-130	0		30
Toluene	96		96		70-130	0		30
Ethylbenzene	99		100		70-130	1		30
Chloromethane	96		94		52-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212595

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 05-06,09 Batch: WG549753-1 WG549753-2								
Bromomethane	108		96		57-147	12		30
Vinyl chloride	94		95		67-130	1		30
Chloroethane	94		90		50-151	4		30
1,1-Dichloroethene	82		87		65-135	6		30
trans-1,2-Dichloroethene	85		86		70-130	1		30
Trichloroethene	87		88		70-130	1		30
1,2-Dichlorobenzene	108		110		70-130	2		30
1,3-Dichlorobenzene	110		112		70-130	2		30
1,4-Dichlorobenzene	109		110		70-130	1		30
Methyl tert butyl ether	78		81		66-130	4		30
p/m-Xylene	100		100		70-130	0		30
o-Xylene	100		100		70-130	0		30
cis-1,2-Dichloroethene	84		86		70-130	2		30
Styrene	98		98		70-130	0		30
Dichlorodifluoromethane	86		85		30-146	1		30
Acetone	110		94		54-140	16		30
Carbon disulfide	86		86		59-130	0		30
2-Butanone	91		91		70-130	0		30
4-Methyl-2-pentanone	77		79		70-130	3		30
2-Hexanone	99		100		70-130	1		30
Bromochloromethane	89		89		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212595

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 05-06,09 Batch: WG549753-1 WG549753-2								
1,2-Dibromoethane	95		98		70-130	3		30
1,2-Dibromo-3-chloropropane	97		101		68-130	4		30
Isopropylbenzene	110		114		70-130	4		30
1,2,3-Trichlorobenzene	105		112		70-130	6		30
1,2,4-Trichlorobenzene	112		116		70-130	4		30
Methyl Acetate	80		84		65-130	5		30
Cyclohexane	86		86		70-130	0		30
1,4-Dioxane	88		88		65-136	0		30
Methyl cyclohexane	83		82		70-130	1		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	81		83		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		106		70-130
Toluene-d8	113		113		70-130
4-Bromofluorobenzene	104		106		70-130
Dibromofluoromethane	97		98		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212595

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 18 Batch: WG551070-1 WG551070-2								
Methylene chloride	90		86		70-130	5		30
1,1-Dichloroethane	88		87		70-130	1		30
Chloroform	84		83		70-130	1		30
Carbon tetrachloride	91		87		70-130	4		30
1,2-Dichloropropane	87		86		70-130	1		30
Dibromochloromethane	91		94		70-130	3		30
1,1,2-Trichloroethane	92		94		70-130	2		30
Tetrachloroethene	102		96		70-130	6		30
Chlorobenzene	98		95		70-130	3		30
Trichlorofluoromethane	79		73		70-139	8		30
1,2-Dichloroethane	84		84		70-130	0		30
1,1,1-Trichloroethane	90		86		70-130	5		30
Bromodichloromethane	83		83		70-130	0		30
trans-1,3-Dichloropropene	93		94		70-130	1		30
cis-1,3-Dichloropropene	84		84		70-130	0		30
Bromoform	86		91		70-130	6		30
1,1,2,2-Tetrachloroethane	94		100		70-130	6		30
Benzene	83		81		70-130	2		30
Toluene	96		93		70-130	3		30
Ethylbenzene	99		96		70-130	3		30
Chloromethane	103		96		52-130	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212595

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 18 Batch: WG551070-1 WG551070-2								
Bromomethane	104		87		57-147	18		30
Vinyl chloride	100		95		67-130	5		30
Chloroethane	88		84		50-151	5		30
1,1-Dichloroethene	87		86		65-135	1		30
trans-1,2-Dichloroethene	86		84		70-130	2		30
Trichloroethene	89		86		70-130	3		30
1,2-Dichlorobenzene	106		104		70-130	2		30
1,3-Dichlorobenzene	108		106		70-130	2		30
1,4-Dichlorobenzene	107		106		70-130	1		30
Methyl tert butyl ether	79		80		66-130	1		30
p/m-Xylene	100		97		70-130	3		30
o-Xylene	99		96		70-130	3		30
cis-1,2-Dichloroethene	85		84		70-130	1		30
Styrene	96		94		70-130	2		30
Dichlorodifluoromethane	94		86		30-146	9		30
Acetone	111		107		54-140	4		30
Carbon disulfide	89		84		59-130	6		30
2-Butanone	94		97		70-130	3		30
4-Methyl-2-pentanone	76		80		70-130	5		30
2-Hexanone	98		100		70-130	2		30
Bromochloromethane	86		88		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212595

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 18 Batch: WG551070-1 WG551070-2								
1,2-Dibromoethane	91		93		70-130	2		30
1,2-Dibromo-3-chloropropane	92		96		68-130	4		30
Isopropylbenzene	110		106		70-130	4		30
1,2,3-Trichlorobenzene	104		106		70-130	2		30
1,2,4-Trichlorobenzene	110		111		70-130	1		30
Methyl Acetate	82		87		65-130	6		30
Cyclohexane	97		92		70-130	5		30
1,4-Dioxane	86		88		65-136	2		30
Methyl cyclohexane	92		85		70-130	8		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	91		87		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	101		102		70-130
Toluene-d8	112		111		70-130
4-Bromofluorobenzene	104		105		70-130
Dibromofluoromethane	97		97		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212595
Report Date: 08/16/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 05-06,09 QC Batch ID: WG549753-4 WG549753-5 QC Sample: L1212595-06 Client ID: S-12L-B006-6.5-7.0												
Methylene chloride	ND	2200	2000	89		1900	86		70-130	3		30
1,1-Dichloroethane	ND	2200	1900	86		1900	86		70-130	1		30
Chloroform	ND	2200	1800	83		1800	82		70-130	1		30
Carbon tetrachloride	ND	2200	1800	82		1800	81		70-130	2		30
1,2-Dichloropropane	ND	2200	1900	86		1900	84		70-130	2		30
Dibromochloromethane	ND	2200	2100	93		2100	94		70-130	1		30
1,1,2-Trichloroethane	ND	2200	2100	94		2100	95		70-130	1		30
Tetrachloroethene	ND	2200	2100	96		2100	95		70-130	1		30
Chlorobenzene	ND	2200	2100	97		2100	97		70-130	0		30
Trichlorofluoromethane	ND	2200	900	**41**	Q	880	**40**	Q	70-139	3		30
1,2-Dichloroethane	ND	2200	1900	84		1800	83		70-130	2		30
1,1,1-Trichloroethane	ND	2200	1900	85		1800	83		70-130	3		30
Bromodichloromethane	ND	2200	1800	81		1800	81		70-130	1		30
trans-1,3-Dichloropropene	ND	2200	2100	95		2100	95		70-130	0		30
cis-1,3-Dichloropropene	ND	2200	1800	83		1800	82		70-130	1		30
Bromoform	ND	2200	2000	89		2000	91		70-130	2		30
1,1,2,2-Tetrachloroethane	ND	2200	2200	100		2200	101		70-130	0		30
Benzene	ND	2200	1800	82		1800	81		70-130	1		30
Toluene	ND	2200	2100	95		2100	95		70-130	0		30
Ethylbenzene	ND	2200	2100	97		2100	97		70-130	0		30
Chloromethane	ND	2200	2000	92		2000	92		52-130	0		30

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212595
Report Date: 08/16/12

Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 05-06,09 QC Batch ID: WG549753-4 WG549753-5 QC Sample: L1212595-06
Client ID: S-12L-B006-6.5-7.0

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Bromomethane	ND	2200	1100	**50**	Q	960	**44**	Q	57-147	13		30
Vinyl chloride	ND	2200	2100	94		2000	93		67-130	2		30
Chloroethane	ND	2200	870	**39**	Q	840	**38**	Q	50-151	4		30
1,1-Dichloroethene	ND	2200	1900	88		1900	86		65-135	3		30
trans-1,2-Dichloroethene	ND	2200	1900	86		1900	86		70-130	0		30
Trichloroethene	ND	2200	1900	85		1900	84		70-130	1		30
1,2-Dichlorobenzene	ND	2200	2400	108		2400	109		70-130	1		30
1,3-Dichlorobenzene	ND	2200	2400	107		2400	109		70-130	1		30
1,4-Dichlorobenzene	ND	2200	2300	106		2400	109		70-130	3		30
Methyl tert butyl ether	ND	2200	1800	84		1800	83		66-130	1		30
p/m-Xylene	ND	4390	4300	98		4300	98		70-130	0		30
o-Xylene	ND	4390	4300	99		4300	98		70-130	1		30
cis-1,2-Dichloroethene	860	2200	2700	84		2700	84		70-130	0		30
Styrene	ND	4390	4200	97		4200	96		70-130	0		30
Dichlorodifluoromethane	ND	2200	1800	80		1800	80		30-146	1		30
Acetone	ND	2200	ND	**0**	Q	ND	**0**	Q	54-140	NC		30
Carbon disulfide	ND	2200	1900	87		1900	85		59-130	3		30
2-Butanone	ND	2200	2100	94		2000	93		70-130	2		30
4-Methyl-2-pentanone	ND	2200	1800	81		1700	78		70-130	4		30
2-Hexanone	ND	2200	2200	100		2200	98		70-130	2		30
Bromochloromethane	ND	2200	1900	87		1900	86		70-130	2		30

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212595
Report Date: 08/16/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 05-06,09 QC Batch ID: WG549753-4 WG549753-5 QC Sample: L1212595-06 Client ID: S-12L-B006-6.5-7.0												
1,2-Dibromoethane	ND	2200	2100	95		2100	97		70-130	2		30
1,2-Dibromo-3-chloropropane	ND	2200	2200	102		2200	99		68-130	3		30
Isopropylbenzene	ND	2200	2400	108		2500	111		70-130	3		30
1,2,3-Trichlorobenzene	ND	2200	2400	107		2400	107		70-130	0		30
1,2,4-Trichlorobenzene	ND	2200	2400	109		2400	110		70-130	1		30
Methyl Acetate	ND	2200	ND	**0**	Q	ND	**0**	Q	65-130	NC		30
Cyclohexane	ND	2200	ND	**0**	Q	ND	**0**	Q	70-130	NC		30
1,4-Dioxane	ND	110000	96000	87		89000	81		65-136	8		30
Methyl cyclohexane	ND	2200	1800	82		1800	81		70-130	2		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	2200	ND	**0**	Q	ND	**0**	Q	70-130	NC		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		101		70-130
4-Bromofluorobenzene	102		100		70-130
Dibromofluoromethane	96		96		70-130
Toluene-d8	112		113		70-130

PCBS

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212595-02 D	Date Collected:	07/16/12 08:10
Client ID:	S-12L-B006-0.0-0.5	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/23/12 12:15
Analytical Date:	07/26/12 16:39	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/24/12
Percent Solids:	43%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/24/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	4520	--	100
Aroclor 1221	ND		ug/kg	4520	--	100
Aroclor 1232	ND		ug/kg	4520	--	100
Aroclor 1242	ND		ug/kg	4520	--	100
Aroclor 1248	ND		ug/kg	3010	--	100
Aroclor 1254	8320		ug/kg	4520	--	100
Aroclor 1260	ND		ug/kg	3010	--	100
Aroclor 1262	ND		ug/kg	1510	--	100
Aroclor 1268	ND		ug/kg	1510	--	100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150
Decachlorobiphenyl	**0**	Q	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212595-03 D	Date Collected:	07/16/12 08:10
Client ID:	S-12L-B006-1.0-1.5	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/23/12 12:15
Analytical Date:	07/26/12 16:51	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/24/12
Percent Solids:	67%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/24/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	2660	--	100
Aroclor 1221	ND		ug/kg	2660	--	100
Aroclor 1232	ND		ug/kg	2660	--	100
Aroclor 1242	ND		ug/kg	2660	--	100
Aroclor 1248	ND		ug/kg	1780	--	100
Aroclor 1254	4060		ug/kg	2660	--	100
Aroclor 1260	ND		ug/kg	1780	--	100
Aroclor 1262	ND		ug/kg	888	--	100
Aroclor 1268	ND		ug/kg	888	--	100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150
Decachlorobiphenyl	**0**	Q	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212595-04 D	Date Collected:	07/16/12 08:10
Client ID:	S-12L-B006-1.0-1.5 REP	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/23/12 12:15
Analytical Date:	07/26/12 17:04	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/24/12
Percent Solids:	69%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/24/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	2640	--	100
Aroclor 1221	ND		ug/kg	2640	--	100
Aroclor 1232	ND		ug/kg	2640	--	100
Aroclor 1242	ND		ug/kg	2640	--	100
Aroclor 1248	ND		ug/kg	1760	--	100
Aroclor 1254	ND		ug/kg	2640	--	100
Aroclor 1260	ND		ug/kg	1760	--	100
Aroclor 1262	ND		ug/kg	879	--	100
Aroclor 1268	ND		ug/kg	879	--	100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150
Decachlorobiphenyl	**0**	Q	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212595-05	Date Collected:	07/16/12 08:10
Client ID:	S-12L-B006-3.0-3.5	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/23/12 12:15
Analytical Date:	07/26/12 17:16	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/24/12
Percent Solids:	84%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/24/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	23.0	--	1
Aroclor 1221	ND		ug/kg	23.0	--	1
Aroclor 1232	ND		ug/kg	23.0	--	1
Aroclor 1242	ND		ug/kg	23.0	--	1
Aroclor 1248	ND		ug/kg	15.3	--	1
Aroclor 1254	29.2		ug/kg	23.0	--	1
Aroclor 1260	ND		ug/kg	15.3	--	1
Aroclor 1262	ND		ug/kg	7.66	--	1
Aroclor 1268	ND		ug/kg	7.66	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	65		30-150
Decachlorobiphenyl	53		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212595-06	Date Collected:	07/16/12 08:25
Client ID:	S-12L-B006-6.5-7.0	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/23/12 12:15
Analytical Date:	07/25/12 02:34	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/24/12
Percent Solids:	84%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/24/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	23.6	--	1
Aroclor 1221	ND		ug/kg	23.6	--	1
Aroclor 1232	ND		ug/kg	23.6	--	1
Aroclor 1242	ND		ug/kg	23.6	--	1
Aroclor 1248	ND		ug/kg	15.7	--	1
Aroclor 1254	ND		ug/kg	23.6	--	1
Aroclor 1260	ND		ug/kg	15.7	--	1
Aroclor 1262	ND		ug/kg	7.87	--	1
Aroclor 1268	ND		ug/kg	7.87	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	64		30-150
Decachlorobiphenyl	50		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212595-07	Date Collected:	07/16/12 08:25
Client ID:	S-12L-B006-8.0-8.5	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/23/12 12:15
Analytical Date:	07/25/12 02:46	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/24/12
Percent Solids:	86%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/24/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	22.4	--	1
Aroclor 1221	ND		ug/kg	22.4	--	1
Aroclor 1232	ND		ug/kg	22.4	--	1
Aroclor 1242	ND		ug/kg	22.4	--	1
Aroclor 1248	ND		ug/kg	14.9	--	1
Aroclor 1254	ND		ug/kg	22.4	--	1
Aroclor 1260	ND		ug/kg	14.9	--	1
Aroclor 1262	ND		ug/kg	7.46	--	1
Aroclor 1268	ND		ug/kg	7.46	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	63		30-150
Decachlorobiphenyl	52		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212595-08	Date Collected:	07/16/12 08:40
Client ID:	S-12L-B006-10.5-11.0	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/23/12 12:15
Analytical Date:	07/25/12 04:12	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/24/12
Percent Solids:	82%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/24/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	23.4	--	1
Aroclor 1221	ND		ug/kg	23.4	--	1
Aroclor 1232	ND		ug/kg	23.4	--	1
Aroclor 1242	ND		ug/kg	23.4	--	1
Aroclor 1248	ND		ug/kg	15.6	--	1
Aroclor 1254	ND		ug/kg	23.4	--	1
Aroclor 1260	ND		ug/kg	15.6	--	1
Aroclor 1262	ND		ug/kg	7.79	--	1
Aroclor 1268	ND		ug/kg	7.79	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	69		30-150
Decachlorobiphenyl	61		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212595-09	Date Collected:	07/16/12 08:40
Client ID:	S-12L-B006-13.0-13.5	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/23/12 12:15
Analytical Date:	07/25/12 04:25	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/24/12
Percent Solids:	91%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/24/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	21.2	--	1
Aroclor 1221	ND		ug/kg	21.2	--	1
Aroclor 1232	ND		ug/kg	21.2	--	1
Aroclor 1242	ND		ug/kg	21.2	--	1
Aroclor 1248	ND		ug/kg	14.1	--	1
Aroclor 1254	ND		ug/kg	21.2	--	1
Aroclor 1260	ND		ug/kg	14.1	--	1
Aroclor 1262	ND		ug/kg	7.07	--	1
Aroclor 1268	ND		ug/kg	7.07	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	50		30-150
Decachlorobiphenyl	47		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212595-10	Date Collected:	07/16/12 08:50
Client ID:	S-12L-B006-16.5-17.0	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/23/12 12:15
Analytical Date:	07/25/12 04:37	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/24/12
Percent Solids:	91%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/24/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	21.5	--	1
Aroclor 1221	ND		ug/kg	21.5	--	1
Aroclor 1232	ND		ug/kg	21.5	--	1
Aroclor 1242	ND		ug/kg	21.5	--	1
Aroclor 1248	ND		ug/kg	14.4	--	1
Aroclor 1254	ND		ug/kg	21.5	--	1
Aroclor 1260	ND		ug/kg	14.4	--	1
Aroclor 1262	ND		ug/kg	7.18	--	1
Aroclor 1268	ND		ug/kg	7.18	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	67		30-150
Decachlorobiphenyl	56		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212595-11	Date Collected:	07/16/12 09:10
Client ID:	S-12L-B006-21.0-21.5	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/23/12 12:15
Analytical Date:	07/25/12 04:49	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/24/12
Percent Solids:	94%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/24/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	20.9	--	1
Aroclor 1221	ND		ug/kg	20.9	--	1
Aroclor 1232	ND		ug/kg	20.9	--	1
Aroclor 1242	ND		ug/kg	20.9	--	1
Aroclor 1248	ND		ug/kg	13.9	--	1
Aroclor 1254	39.2		ug/kg	20.9	--	1
Aroclor 1260	ND		ug/kg	13.9	--	1
Aroclor 1262	209		ug/kg	6.96	--	1
Aroclor 1268	ND		ug/kg	6.96	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	70		30-150
Decachlorobiphenyl	64		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212595-12	Date Collected:	07/16/12 08:45
Client ID:	EB-071612-01	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8082	Extraction Date:	07/16/12 22:36
Analytical Date:	07/17/12 20:34	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/17/12
		Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/17/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/l	0.250	--	1
Aroclor 1221	ND		ug/l	0.250	--	1
Aroclor 1232	ND		ug/l	0.250	--	1
Aroclor 1242	ND		ug/l	0.250	--	1
Aroclor 1248	ND		ug/l	0.250	--	1
Aroclor 1254	ND		ug/l	0.250	--	1
Aroclor 1260	ND		ug/l	0.250	--	1
Aroclor 1262	ND		ug/l	0.250	--	1
Aroclor 1268	ND		ug/l	0.250	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	89		30-150
Decachlorobiphenyl	75		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212595-14 D	Date Collected:	07/16/12 09:10
Client ID:	S-12L-B006-23.0-23.5	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/23/12 12:18
Analytical Date:	07/26/12 16:27	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/24/12
Percent Solids:	89%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/24/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	43.2	--	2
Aroclor 1221	ND		ug/kg	43.2	--	2
Aroclor 1232	ND		ug/kg	43.2	--	2
Aroclor 1242	ND		ug/kg	43.2	--	2
Aroclor 1248	ND		ug/kg	28.8	--	2
Aroclor 1260	ND		ug/kg	28.8	--	2
Aroclor 1268	ND		ug/kg	14.4	--	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	66		30-150
Decachlorobiphenyl	55		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212595-14 D	Date Collected:	07/16/12 09:10
Client ID:	S-12L-B006-23.0-23.5	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/23/12 12:18
Analytical Date:	07/26/12 16:27	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/24/12
Percent Solids:	89%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/24/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1254	105		ug/kg	43.2	--	2
Aroclor 1262	528		ug/kg	14.4	--	2

2,4,5,6-Tetrachloro-m-xylene	66	30-150
Decachlorobiphenyl	55	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212595-15	Date Collected:	07/16/12 09:50
Client ID:	S-12L-B006-27.0-27.5	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/23/12 12:18
Analytical Date:	07/25/12 05:14	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/24/12
Percent Solids:	91%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/24/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	21.1	--	1
Aroclor 1221	ND		ug/kg	21.1	--	1
Aroclor 1232	ND		ug/kg	21.1	--	1
Aroclor 1242	ND		ug/kg	21.1	--	1
Aroclor 1248	ND		ug/kg	14.1	--	1
Aroclor 1260	ND		ug/kg	14.1	--	1
Aroclor 1262	38.9		ug/kg	7.03	--	1
Aroclor 1268	ND		ug/kg	7.03	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	55		30-150
Decachlorobiphenyl	55		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212595-15	Date Collected:	07/16/12 09:50
Client ID:	S-12L-B006-27.0-27.5	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/23/12 12:18
Analytical Date:	07/25/12 05:14	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/24/12
Percent Solids:	91%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/24/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1254	ND		ug/kg	21.1	--	1

2,4,5,6-Tetrachloro-m-xylene	55	30-150
Decachlorobiphenyl	55	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212595-16	Date Collected:	07/16/12 09:50
Client ID:	S-12L-B006-28.5-29.0	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/23/12 12:19
Analytical Date:	07/26/12 17:29	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/24/12
Percent Solids:	88%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/24/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	22.4	--	1
Aroclor 1221	ND		ug/kg	22.4	--	1
Aroclor 1232	ND		ug/kg	22.4	--	1
Aroclor 1242	ND		ug/kg	22.4	--	1
Aroclor 1248	ND		ug/kg	14.9	--	1
Aroclor 1254	ND		ug/kg	22.4	--	1
Aroclor 1260	ND		ug/kg	14.9	--	1
Aroclor 1262	ND		ug/kg	7.46	--	1
Aroclor 1268	ND		ug/kg	7.46	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	59		30-150
Decachlorobiphenyl	52		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212595-17	Date Collected:	07/16/12 10:10
Client ID:	S-12L-B006-31.0-31.5	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/23/12 12:19
Analytical Date:	07/25/12 05:38	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/24/12
Percent Solids:	84%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/24/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	22.8	--	1
Aroclor 1221	ND		ug/kg	22.8	--	1
Aroclor 1232	ND		ug/kg	22.8	--	1
Aroclor 1242	ND		ug/kg	22.8	--	1
Aroclor 1248	ND		ug/kg	15.2	--	1
Aroclor 1260	ND		ug/kg	15.2	--	1
Aroclor 1262	8.68		ug/kg	7.62	--	1
Aroclor 1268	ND		ug/kg	7.62	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	53		30-150
Decachlorobiphenyl	52		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212595-17	Date Collected:	07/16/12 10:10
Client ID:	S-12L-B006-31.0-31.5	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/23/12 12:19
Analytical Date:	07/25/12 05:38	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/24/12
Percent Solids:	84%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/24/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1254	ND		ug/kg	22.8	--	1

2,4,5,6-Tetrachloro-m-xylene	53	30-150
Decachlorobiphenyl	52	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212595-18	Date Collected:	07/16/12 09:50
Client ID:	S-12L-B006-26.0-26.5	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/23/12 12:19
Analytical Date:	07/25/12 05:51	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/24/12
Percent Solids:	89%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/24/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	21.7	--	1
Aroclor 1221	ND		ug/kg	21.7	--	1
Aroclor 1232	ND		ug/kg	21.7	--	1
Aroclor 1242	ND		ug/kg	21.7	--	1
Aroclor 1248	ND		ug/kg	14.5	--	1
Aroclor 1260	ND		ug/kg	14.5	--	1
Aroclor 1262	17.6		ug/kg	7.23	--	1
Aroclor 1268	ND		ug/kg	7.23	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	70		30-150
Decachlorobiphenyl	68		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212595-18	Date Collected:	07/16/12 09:50
Client ID:	S-12L-B006-26.0-26.5	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/23/12 12:19
Analytical Date:	07/25/12 05:51	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/24/12
Percent Solids:	89%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/24/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1254	ND		ug/kg	21.7	--	1

2,4,5,6-Tetrachloro-m-xylene	70	30-150
Decachlorobiphenyl	68	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082
Analytical Date: 07/17/12 20:50
Analyst: BA

Extraction Method: EPA 3510C
Extraction Date: 07/16/12 22:36
Cleanup Method1: EPA 3665A
Cleanup Date1: 07/17/12
Cleanup Method2: EPA 3660B
Cleanup Date2: 07/17/12

Parameter	Result	Qualifier	Units	RL	MDL
PCB by GC - Westborough Lab for sample(s): 12 Batch: WG548762-1					
Aroclor 1016	ND		ug/l	0.250	--
Aroclor 1221	ND		ug/l	0.250	--
Aroclor 1232	ND		ug/l	0.250	--
Aroclor 1242	ND		ug/l	0.250	--
Aroclor 1248	ND		ug/l	0.250	--
Aroclor 1254	ND		ug/l	0.250	--
Aroclor 1260	ND		ug/l	0.250	--
Aroclor 1262	ND		ug/l	0.250	--
Aroclor 1268	ND		ug/l	0.250	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	95		30-150
Decachlorobiphenyl	88		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212595

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082
Analytical Date: 07/25/12 03:23
Analyst: KB

Extraction Method: EPA 3546
Extraction Date: 07/23/12 12:15
Cleanup Method1: EPA 3665A
Cleanup Date1: 07/24/12
Cleanup Method2: EPA 3660B
Cleanup Date2: 07/24/12

Parameter	Result	Qualifier	Units	RL	MDL
PCB by GC - Westborough Lab for sample(s): 02-11,14-18 Batch: WG550193-1					
Aroclor 1016	ND		ug/kg	19.9	--
Aroclor 1221	ND		ug/kg	19.9	--
Aroclor 1232	ND		ug/kg	19.9	--
Aroclor 1242	ND		ug/kg	19.9	--
Aroclor 1248	ND		ug/kg	13.2	--
Aroclor 1254	ND		ug/kg	19.9	--
Aroclor 1260	ND		ug/kg	13.2	--
Aroclor 1262	ND		ug/kg	6.62	--
Aroclor 1268	ND		ug/kg	6.62	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	68		30-150
Decachlorobiphenyl	56		30-150

Matrix Spike Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212595

Report Date: 08/16/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
PCB by GC - Westborough Lab Associated sample(s): 02-11,14-18 QC Batch ID: WG550193-4 WG550193-5 QC Sample: L1212595-06 Client ID: S-12L-B006-6.5-7.0												
Aroclor 1016	ND	240	145	60		117	48		40-140	21		50
Aroclor 1260	ND	240	121	50		109	45		40-140	10		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	64		49		30-150
Decachlorobiphenyl	49		40		30-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212595
Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
PCB by GC - Westborough Lab Associated sample(s): 12 Batch: WG548762-2 WG548762-3								
Aroclor 1016	75		79		40-140	6		50
Aroclor 1260	83		90		40-140	8		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	91		92		30-150
Decachlorobiphenyl	94		102		30-150

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
PCB by GC - Westborough Lab Associated sample(s): 02-11,14-18 Batch: WG550193-2 WG550193-3								
Aroclor 1016	55		46		40-140	18		50
Aroclor 1260	52		47		40-140	10		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	59		49		30-150
Decachlorobiphenyl	51		42		30-150

INORGANICS
&
MISCELLANEOUS

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212595
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212595-02
Client ID: S-12L-B006-0.0-0.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/16/12 08:10
Date Received: 07/16/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	43		%	0.10	NA	1	-	07/16/12 22:05	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212595
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212595-03
Client ID: S-12L-B006-1.0-1.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/16/12 08:10
Date Received: 07/16/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	67		%	0.10	NA	1	-	07/16/12 22:05	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212595
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212595-04
Client ID: S-12L-B006-1.0-1.5 REP
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/16/12 08:10
Date Received: 07/16/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	69		%	0.10	NA	1	-	07/16/12 22:05	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212595
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212595-05
Client ID: S-12L-B006-3.0-3.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/16/12 08:10
Date Received: 07/16/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84		%	0.10	NA	1	-	07/16/12 22:05	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212595
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212595-06
Client ID: S-12L-B006-6.5-7.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/16/12 08:25
Date Received: 07/16/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84		%	0.10	NA	1	-	07/16/12 22:05	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212595
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212595-07
Client ID: S-12L-B006-8.0-8.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/16/12 08:25
Date Received: 07/16/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86		%	0.10	NA	1	-	07/16/12 22:05	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212595
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212595-08
Client ID: S-12L-B006-10.5-11.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/16/12 08:40
Date Received: 07/16/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82		%	0.10	NA	1	-	07/16/12 22:05	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212595
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212595-09
Client ID: S-12L-B006-13.0-13.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/16/12 08:40
Date Received: 07/16/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91		%	0.10	NA	1	-	07/16/12 22:05	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212595
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212595-10
Client ID: S-12L-B006-16.5-17.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/16/12 08:50
Date Received: 07/16/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91		%	0.10	NA	1	-	07/16/12 22:05	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212595
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212595-11
Client ID: S-12L-B006-21.0-21.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/16/12 09:10
Date Received: 07/16/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94		%	0.10	NA	1	-	07/16/12 22:05	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212595
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212595-14
Client ID: S-12L-B006-23.0-23.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/16/12 09:10
Date Received: 07/16/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89		%	0.10	NA	1	-	07/16/12 22:05	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212595
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212595-15
Client ID: S-12L-B006-27.0-27.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/16/12 09:50
Date Received: 07/16/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91		%	0.10	NA	1	-	07/16/12 22:05	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212595
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212595-16
Client ID: S-12L-B006-28.5-29.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/16/12 09:50
Date Received: 07/16/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88		%	0.10	NA	1	-	07/16/12 22:05	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212595
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212595-17
Client ID: S-12L-B006-31.0-31.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/16/12 10:10
Date Received: 07/16/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84		%	0.10	NA	1	-	07/16/12 22:05	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212595
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212595-18
Client ID: S-12L-B006-26.0-26.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment
Date Collected: 07/16/12 09:50
Date Received: 07/16/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89		%	0.10	NA	1	-	07/20/12 15:05	30,2540G	RD

Lab Duplicate Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212595
Report Date: 08/16/12

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 02-11,14-17 QC Batch ID: WG548751-1 QC Sample: L1212595-02 Client ID: S-12L-B006-0.0-0.5						
Solids, Total	43	36	%	18		20
General Chemistry - Westborough Lab Associated sample(s): 18 QC Batch ID: WG549837-1 QC Sample: L1212911-01 Client ID: DUP Sample						
Solids, Total	97	97	%	0		20

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212595
Report Date: 08/16/12

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler	
A	Absent
C	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1212595-01A	Vial MeOH preserved	B	N/A	6	Y	Absent	8260HLW-WHG(14)
L1212595-01B	Vial MeOH preserved	B	N/A	6	Y	Absent	8260HLW-WHG(14)
L1212595-02A	Vial MeOH preserved	B	N/A	6	Y	Absent	8260HLW-WHG(14)
L1212595-02B	Amber 250ml unpreserved	C	N/A	6	Y	Absent	TS(7),PCB-8082LL(14)
L1212595-03A	Vial MeOH preserved	B	N/A	6	Y	Absent	8260HLW-WHG(14)
L1212595-03B	Amber 250ml unpreserved	C	N/A	6	Y	Absent	TS(7),PCB-8082LL(14)
L1212595-04A	Vial MeOH preserved	B	N/A	6	Y	Absent	8260HLW-WHG(14)
L1212595-04B	Amber 250ml unpreserved	C	N/A	6	Y	Absent	TS(7),PCB-8082LL(14)
L1212595-05A	Vial MeOH preserved	B	N/A	6	Y	Absent	8260HLW-WHG(14)
L1212595-05B	Amber 250ml unpreserved	C	N/A	6	Y	Absent	TS(7),PCB-8082LL(14)
L1212595-05C	Vial MeOH preserved	B	N/A	6	Y	Absent	-
L1212595-05D	Amber 250ml unpreserved	C	N/A	6	Y	Absent	-
L1212595-06A	Vial MeOH preserved	B	N/A	6	Y	Absent	8260HLW-WHG(14)
L1212595-06B	Amber 250ml unpreserved	C	N/A	6	Y	Absent	TS(7),PCB-8082LL(14)
L1212595-06C	Vial MeOH preserved	B	N/A	6	Y	Absent	8260HLW-WHG(14)
L1212595-06D	Amber 250ml unpreserved	C	N/A	6	Y	Absent	TS(7),PCB-8082LL(14)
L1212595-07A	Vial MeOH preserved	B	N/A	6	Y	Absent	8260HLW-WHG(14)
L1212595-07B	Amber 250ml unpreserved	C	N/A	6	Y	Absent	TS(7),PCB-8082LL(14)
L1212595-08A	Vial MeOH preserved	B	N/A	6	Y	Absent	8260HLW-WHG(14)
L1212595-08B	Amber 250ml unpreserved	C	N/A	6	Y	Absent	TS(7),PCB-8082LL(14)
L1212595-09A	Vial MeOH preserved	B	N/A	6	Y	Absent	8260HLW-WHG(14)
L1212595-09B	Amber 250ml unpreserved	C	N/A	6	Y	Absent	TS(7),PCB-8082LL(14)
L1212595-10A	Vial MeOH preserved	B	N/A	6	Y	Absent	8260HLW-WHG(14)
L1212595-10B	Amber 250ml unpreserved	C	N/A	6	Y	Absent	TS(7),PCB-8082LL(14)

* Values in parentheses indicate holding time in days

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212595
Report Date: 08/16/12

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1212595-11A	Vial MeOH preserved	B	N/A	6	Y	Absent	8260HLW-WHG(14)
L1212595-11B	Amber 250ml unpreserved	C	N/A	6	Y	Absent	TS(7),PCB-8082LL(14)
L1212595-12A	Vial HCl preserved	A	N/A	5	Y	Absent	8260(14)
L1212595-12B	Vial HCl preserved	A	N/A	5	Y	Absent	8260(14)
L1212595-12C	Amber 1000ml unpreserved	A	7	5	Y	Absent	PCB-8082(7)
L1212595-12D	Amber 1000ml unpreserved	A	7	5	Y	Absent	PCB-8082(7)
L1212595-13A	Vial HCl preserved	A	N/A	5	Y	Absent	8260(14)
L1212595-14A	Vial MeOH preserved	B	N/A	6	Y	Absent	8260HLW-WHG(14)
L1212595-14B	Amber 250ml unpreserved	C	N/A	6	Y	Absent	TS(7),PCB-8082LL(14)
L1212595-15A	Vial MeOH preserved	B	N/A	6	Y	Absent	8260HLW-WHG(14)
L1212595-15B	Amber 250ml unpreserved	C	N/A	6	Y	Absent	TS(7),PCB-8082LL(14)
L1212595-16A	Vial MeOH preserved	B	N/A	6	Y	Absent	8260HLW-WHG(14)
L1212595-16B	Amber 250ml unpreserved	B	N/A	6	Y	Absent	TS(7),PCB-8082LL(14)
L1212595-17A	Vial MeOH preserved	B	N/A	6	Y	Absent	8260HLW-WHG(14)
L1212595-17B	Amber 250ml unpreserved	B	N/A	6	Y	Absent	TS(7),PCB-8082LL(14)
L1212595-18A	Vial MeOH preserved	B	N/A	6	Y	Absent	8260HLW-WHG(14)
L1212595-18B	Amber 250ml unpreserved	B	N/A	6	Y	Absent	TS(7),PCB-8082LL(14)

Container Comments

L1212595-18B

(*) Values in parentheses indicate holding time in days

Project Name:	NEW BEDFORD AEROVOX	**Lab Number:**	L1212595
Project Number:	TO-0010-05	**Report Date:**	08/16/12

GLOSSARY

Acronyms

EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than five times (5x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit.
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
D	- Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
E	- Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
G	- The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
H	- The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
I	- The RPD between the results for the two columns exceeds the method-specified criteria; however, the lower value has been reported due to obvious interference.
M	- Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
NJ	- Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

Report Format: Data Usability Report

Project Name:	NEW BEDFORD AEROVOX	**Lab Number:**	L1212595
Project Number:	TO-0010-05	**Report Date:**	08/16/12

Data Qualifiers

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the reporting limit (RL) for the sample.

Report Format: Data Usability Report

Project Name:	NEW BEDFORD AEROVOX	**Lab Number:**	L1212595
Project Number:	TO-0010-05	**Report Date:**	08/16/12

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certificate/Approval Program Summary

Last revised August 3, 2012 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0574. ***NELAP Accredited Solid Waste/Soil.***

Drinking Water (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Nickel, Selenium, Silver, Sodium, Thallium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP) 504.1, Ethylene Dibromide (EDB) 504.1, 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223, Enumeration and P/A), E. Coli. – Colilert (SM9223, Enumeration and P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform-EC Medium (SM 9221E).

Wastewater/Non-Potable Water (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), E. Coli – Colilert (SM9223 Enumeration), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E), Enterococcus - Enterolert.

Solid Waste/Soil (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Dalapon, Volatile Organics (SW 8260), Acid Extractables (Phenols) (SW 8270), Benzidines (SW 8270), Phthalates (SW 8270), Nitrosamines (SW 8270), Nitroaromatics & Cyclic Ketones (SW 8270), PAHs (SW 8270), Haloethers (SW 8270), Chlorinated Hydrocarbons (SW 8270).)

Maine Department of Human Services Certificate/Lab ID: 2009024.
Drinking Water (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 353.2, SM2130B, 2320B, 2540C, 4500Cl-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 350.1, 351.1, 353.2, 410.4, 420.1, SM2320B, 2510B, 2540C, 2540D, 426C, 4500Cl-D, 4500Cl-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-B, 4500Norg-C, 4500NH3-B, 4500NH3-G, 4500NO3-F, 4500P-B, 4500P-E, 5210B, 5220D, 5310C, 9010B, 9040B, 9030B, 7470A, 7196A, 2340B, EPA 200.7, 6010B, 200.8, 6020, 245.1, 1311, 1312, 3005A, Enterolert, 9223D, 9222D. Organic Parameters: 608, 624, 625, 8081A, 8082, 8330, 8151A, 8260B, 8270C, 3510C, 3630C, 5030B, ME-DRO, ME-GRO, MA-EPH, MA-VPH.)

Solid Waste/Soil (Inorganic Parameters: 9010B, 9012A, 9014A, 9030B, 9040B, 9045C, 6010B, 7471A, 7196A, 9050A, 1010, 1030, 9065, 1311, 1312, 3005A, 3050B. Organic Parameters: ME-DRO, ME-GRO, MA-EPH, MA-VPH, 8260B, 8270C, 8330, 8151A, 8081A, 8082, 3540C, 3546, 3580A, 3630C, 5030B, 5035.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.
*Drinking Water (*Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl) (EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate); (EPA 353.2 for: Nitrate-N, Nitrite-N); (SM4500NO3-F for: Nitrate-N and Nitrite-N); 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, 2320B, SM2540C, SM4500H-B. Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics); (504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), EPA 332. Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; ColilertQT SM9223B; MF-SM9222D.)

Non-Potable Water (Inorganic Parameters:, (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn); (EPA 200.7

for: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn); 245.1, SM4500H,B, EPA 120.1, SM2510B, 2540C, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.
Organic Parameters: (EPA 624 for Volatile Halocarbons, Volatile Aromatics),(608 for: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT,Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs-Water), (EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables), 600/4-81-045-PCB-Oil. Microbiology Parameters: (ColilertQT SM9223B; Enterolert-QT: SM9222D-MF.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM 9222B, 9223B, 9215B, EPA 200.7, 200.8, 300.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 332.0. Organic Parameters: 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM9222D, 9221B, 9222B, 9221E-EC, EPA 3005A, 200.7, 200.8, 245.1, SW-846 6010B, 6010C, 6020, 6020A, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 350.2, 351.1, 353.2, 410.4, 420.1, 426C, 1664A, SW-846 9010B, 9030B, 9040B, SM2120B, 2310B, 2320B, 2540B, 2540D, 4500H+B, 4500CL-E, 4500CN-E, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500P-E, 4500-S2-D, 5210B, 5220D, 2510B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D, 3060A. Organic Parameters: SW-846 3510C, 3630C, 5030B, 8260B, 8270C, 8270D, 8330, EPA 624, 625, 608, SW-846 8082, 8082A, 8081A, 8081B, 8151A, 8330, 8270C-SIM, 8270D-SIM.)

Solid & Chemical Materials (Inorganic Parameters: SW-846 6010B, 6010C, 7196A, 7471A, 1010, 1030, 9010, 9012A, 9014, 9030B, 9040B, 9045C, 9050, 9065,1311, 1312, 3005A, 3050B, 3060A. Organic Parameters: SW-846 3540C, 3546, 3050B, 3580A, 3630C, 5030B, 5035, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330, 8151A, 8015B, 8015C, 8082, 8082A, 8081A, 8081B.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9222B, 9221E, 9223B, 9215B, 4500CN-CE, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 200.8, 245.1, 2540C, SM2120B, 2320B, 2510B, 5310C, SM4500H-B. Organic Parameters: EPA 332, 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM5210B, EPA 410.4, SM5220D, 4500Cl-E, EPA 300.0, SM2120B, 2340B, SM4500F-BC, EPA 200.7, 200.8, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310B, C or D, 4500-PE, EPA 420.1, SM510ABC, SM4500P-B5+E, 2540B, 2540C, 2540D, 2540G, EPA 120.1, SM2510B, SM2520B, SM15 426C, 9222D, 9221B, 9221C, 9221E, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, EPA 350.1, 350.2, SW-846 1312, 7470A, 5540C, SM4500H-B, 4500SO3-B, SM3500Cr-D, 4500CN-CE, EPA 245.1, SW-846 9040B, 3005A, 3015, EPA 6010B, 6010C, 6020, 6020A, 7196A, 3060A, SW-846 9010B, 9030B. Organic Parameters: SW-846 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3510C, EPA 608, 624, 625, SW-846 3630C, 5030B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 1,4-Dioxane by NJ Modified 8270, 8015B, NJ EPH.)

Solid & Chemical Materials (Inorganic Parameters: SW-846, 6010B, 6010C, 6020, 6020A, 7196A, 3060A, 9010B, 9030B, 1010, 1030, 1311, 1312, 3005A, 3050B, 7471A, 7471B, 9014, 9012A, 9040B, 9040C, 9045C, 9045D, 9050A, 9065, 9251. Organic Parameters: SW-846 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3540C, 3546, 3580A, 3630C, 5030B, 5035L, 5035H, NJ OQA-QAM-025 Rev.7, NJ EPH.)

New York Department of Health Certificate/Lab ID: 11148. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.2, SM5310C, EPA 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500NO3-F, 2540C, SM 2510B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, 5310C, EPA 410.4, SM5220D, 2310B-4a, 2320B, EPA 200.7, 300.0, SM4500CL-E, 4500F-C, SM15 426C, EPA 350.1, SM4500NH3-BH, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010B, 6010C, 6020, 6020A, EPA 7196A, SM3500Cr-D, EPA 245.1, 245.2, 7470A, SM2120B, LACHAT 10-204-00-1-A, 4500CN-CE, EPA 1664A, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 3005A, 3015, 9010B, 9030B. Organic Parameters: EPA 624, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 625, 608, 8081A, 8081B, 8151A, 8330, 8082, 8082A, EPA 3510C, 5030B.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010, 1030, EPA 6010B, 6010C, 7196A, 7471A, 7471B, 9012A, 9014, 9065, 9050A, EPA 1311, 1312, 3005A, 3050B, 9010B, 9040C, 9045D. Organic Parameters: EPA 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8015B, 8015C, 8081A, 8081B, 8151A, 8330, 8082 8082A, 3540C, 3546, 3580, 3580A, 5030B, 5035H, 5035L.)

North Carolina Department of the Environment and Natural Resources Certificate/Lab ID : 666. (Inorganic Parameters: SM2310B, 2320B, 4500Cl-E, 4500Cn-E, 9014, Lachat 10-204-00-1-X, 1010A, 1030, 4500NO3-F, 353.2, 4500P-E, 4500SO4-E, 300.0, 4500S-D, 5310B, 5310C, 6010C, 6020A, 200.7, 200.8, 3500Cr-B, 7196A, 245.1, 7471A, 7471B, 1311,1312. Organic Parameters: 608, 8081B, 8082A, 624, 8260B, 625, 8270D, 8151A, 8015C, 504.1, MA-EPH, MA-VPH.)

Drinking Water Program Certificate/Lab ID: 25700. (Inorganic Parameters: Chloride EPA 300.0. Organic Parameters: 524.2)

Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: 200.7, 200.8, 245.2, 300.0, 332.0, 2120B, 2320B, 2510B, 2540C, 4500-CN-CE, 4500F-C, 4500H+-B, 4500NO3-F, 5310C. Organic Parameters: EPA 524.2, 504.1)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1312, 3005A,3015, 3060A, 200.7, 200.8, 410.4, 1664A, SM2540D, 5210B, 5220D, 4500-P,BE, 245.1, 300.0, 3501., 350.2, 353.2, 420.1, 6010B, 6010C, 6020, 6020A, 7196A, 7470A, 9010B, 9030B, 9040B, Lachat 10-107-06-2-D, NJ-EPH, 2120B, 2310B, 2320B, 2340B, 2510C, 2540B, 2540C, 3500Cr-D, 436C, 4500CN-CE, 4500Cl-E, 4500F-B, 4500F-C, 4500H+-B, 4500NO2-B, 4500NO3-F, 4500S-D, 4500SO3-B, 5310BCD, 5540C. Organic Parameters: EPA 3510C, 3630C, 5030B, 625, 624, 608, 8081A, 8081B, 8082, 8082A, 8151A, 8260B, 8270C, 8270D, 8330, 8015B,)

Solid & Hazardous Waste (Inorganic Parameters: EPA 350.1, 1010, 1030, 1311, 1312, 3005A, 3050B, 3060A, 6010B, 6010C, 6020A, 7196A, 7471A, 7471B, 9010B, 9012A, 9014, 9040B, 9045C, 9050, 9065, SM 4500NH3-BH, 9030B, 9038, 9251. Organic Parameters: 3540C, 3546, 3580A, 3630C, 5035, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330, NJ-EPH.)

Rhode Island Department of Health Certificate/Lab ID: LAO00065. ***NELAP Accredited via NJ-DEP.***
Refer to MA-DEP Certificate for Potable and Non-Potable Water.
Refer to NJ-DEP Certificate for Potable and Non-Potable Water.

Texas Commisson on Environmental Quality Certificate/Lab ID: T104704476-09-1. ***NELAP Accredited.***
Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 $S2^{-}$D, 510C, 5210B, 5220D, 5310C, 5540C. Organic Parameters: EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

Virginia Division of Consolidated Laboratory Services Certificate/Lab ID: 460195. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: EPA 200.7, 200.8, 300.0, 2510B, 2120B, 2540C, 4500CN-CE, 245.2, 2320B, 4500F-C, 4500F-C, 4500NO3-F, 5310C. Organic Parameters: EPA 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 200.7, 2..08, 245.1, 300.0, 3005A, 3015, 1312, 6010B, 6010C, 3060A, 353.2, 420.1, 6020, 6020A, SM4500S-D, SM4500-CN-CE, Lachat 10-204-00-1-X, 7196A, 7470A, 9010B, 9040B, 2310B, 2320B, 2510B, 2540B, 2540C, 3500Cr-D, 426C, 4500Cl-E, 4500F-B, 4500F-C, 4500PE, 510AC, 5210B, 5310B 5310C, 5540C. Organic Parameters: EPA 3510C, 3630C, 5030B, 8260B, 608, 624, 625, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330,)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010A, 1030, 3060A, 3050B, 1311, 1312, 6010B, 6010C, 6020, , 7196A, 7471A, 7471B, 6020A, 9030B, 9010B, 9012A, 9014 9040B, 9045C, 9050A, 9065. Organic Parameters: EPA 5035, 3540C, 3546, 3550, 3580, 3630C, 8260B, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330.)

Department of Defense, L-A-B Certificate/Lab ID: L2217.
Drinking Water (Inorganic Parameters: SM 4500H-B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: EPA 200.7, 200.8, 6010B, 6010C, 6020, 6020A, 245.1, 245.2, 7470A, 9040B, 9010B, 180.1. 300.0, 332.0, 6860, 353.2, 410.4, 9060, 1664A, SM 4500CN-E, 4500H-B, 4500NO3-F, 4500CL-D, 5220D, 5310C, 2130B, 2320B, 2540C, 3005A, 3015, 9010B, 9056. Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A, 8082, 8082A, 8021A, 8081B, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 200.7, 6010B, 6010C, 7471A, 6860, 1311, 1312, 3050B, 7196A, 9010B, 9012A, 9040B, 9045C, 3500-CR-D, 4500CN-CE, 2540G, Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A/B-prep, 8082, 8082A, 8081A, 8081B, 3540C, 3546, 3580A, 5035A, MassDEP EPH, MassDEP VPH.)

The following analytes are not included in our current NELAP/TNI Scope of Accreditation:
EPA 8260B: Freon-113, 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8330A:** PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C:** Methyl naphthalene, Dimethyl naphthalene, Total Methylnapthalenes, Total Dimethylnaphthalenes, 1,4-Diphenylhydrazine (Azobenzene). **EPA 625:** 4-Chloroaniline, 4-Methylphenol. Total Phosphorus in a soil matrix, Chloride in a soil matrix, TKN in a soil matrix, NO2 in a soil matrix, NO3 in a soil matrix, SO4 in a soil matrix. **EPA 9071:** Total Petroleum Hydrocarbons, Oil & Grease

CHAIN OF CUSTODY

PAGE 1 OF 7

Date Rec'd in Lab: 7/16/12

ALPHA Job #: L1212595

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)
Date Due: Do This No Rush DGS Time: ~~24 hr~~ DGS

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
DGS (Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
~~TS, Aroclor, High VOC have 24 hr TAT~~, all else is 15 business days, Project-specific EDD, Homogenize before analysis

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congener	Sample Specific Comments	TOTAL # BOTTLES
	TB-071612-01	7/16/12	1045		DGS		X			Trip Blank Low	2
1	TB-071612-02		1045			X				Trip Blank High	2
2	S-12L-B006-0.0-0.5		0810	SE		X					1
	S-12L-B006-0.0-0.5						X				2
	S-12L-B006-0.0-0.5							X		All 3 analyses	1
	S-12L-B006-0.0-0.5								X	Archive	
3	S-12L-B006-1.0-1.5					X					
	S-12L-B006-1.0-1.5						X				
	S-12L-B006-1.0-1.5							X		All 3 analyses	
	S-12L-B006-1.0-1.5								X	Archive	

Container Type	V	V	A	A
Preservative	F	0	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Dave Walsh	1645 7/16/12	T. Hendel	7/16/12 1645
T. Hendel	7/16/12	[signature]	7/16/12 1840

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Sediment Boring Collection and Analysis
Off the Former Aerovox Site Property Shoreline
W912WJ-09-D-0001
Del' Order 0-05
April 2013

CHAIN OF CUSTODY

PAGE 2 OF 7

Date Rec'd in Lab: 7/16/12

ALPHA Job #: L1212595

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!) DGS
Do This
Date Due: No Rush Time: ~~24 hr~~ DGS

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
DGS ~~TS, Aroclors and High VOC have 24 hr TAT~~, all else are 15 business days. Project-specific EDD. Homogenize before analysis

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
4	S-12L-B006-1.0-1.5REP	7/16/12	0810	SE	DGS	X				REP	2
	S-12L-B006-1.0-1.5REP						X			REP	2
	S-12L-B006-1.0-1.5REP							X		REP, All 3 analyses	1
	S-12L-B006-1.0-1.5REP								X	REP, Archive	1
5	S-12L-B006-3.0-3.5					X					1
	S-12L-B006-3.0-3.5						X				2
	S-12L-B006-3.0-3.5							X		All 3 analyses	1
	S-12L-B006-3.0-3.5								X	Archive	1
6	S-12L-B006-6.5-7.0		0825			X					1
	S-12L-B006-6.5-7.0						X				2
					Container Type	V	V	A	A		
					Preservative	F	O	A	A		

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	1645 7/16/12	[signature]	7/16/12 1645
T. Hurdell	7/16/12	[signature]	7/16/12 1640

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Sediment Boring Collection and Analysis
Off the Former Aerovox Site Property Shoreline
W912WJ-09-D-0001
Del. Order ...-05
April 2013

CHAIN OF CUSTODY

PAGE 3 OF 7

Date Rec'd in Lab: 7/16/12

ALPHA Job #: L1212595

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0810-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

Project-specific EDP, Homogenize before analysis

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid, Aroclor PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
6	S-12L-B006-6.5-7.0	7/16/12	0825	SE	DGS			X	All 3 analyses	D5940
	S-12L-B006-6.5-7.0							X	Archive	1
	S-12L-B006-6.5-7.0MSMSD					X			MSMSD	1
	S-12L-B006-6.5-7.0MSMSD						X		MSMSD	2
	S-12L-B006-6.5-7.0 MSMSD							X	MSMSD, All 3 analyses	
	S-12L-B006-6.5-7.0 MSMSD							X	MSMSD, Archive	
7	S-12L-B006-8.0-8.5					X				
	S-12L-B006-8.0-8.5						X			
	S-12L-B006-8.0-8.5							X	All 3 analyses	
	S-12L-B006-8.0-8.5							X	Archive	

SAMPLE HANDLING

Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

Container Type	V	V	A	A	
Preservative	F	C	A	A	

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Dave Walsh	1645 7/16/12	T. Handelman	7/16/12 1645
T. Handelman	7/16/12		7/16/12

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Sediment Boring Collection and Analysis Off the Former Aerovox Site Property Shoreline W912WJ-09-D-0001 Delivery Order -05 April 2013

CHAIN OF CUSTODY

PAGE 4 OF 7

Date Rec'd in Lab: 7/16/12

ALPHA Job #: L1212595

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State / Fed Program Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
Project-specific EDD, Homogenize before analyses

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
8	S-12L-B006-10.5-11.0	7/16/12	0840	SE	DGS	X					1
	S-12L-B006-10.5-11.0						X				2
	S-12L-B006-10.5-11.0							X		All 3 analyses	1
	S-12L-B006-10.5-11.0								X	Archive	1
9	S-12L-B006-13.0-13.5					X					
	S-12L-B006-13.0-13.5						X				
	S-12L-B006-13.0-13.5							X		All 3 analyses	
	S-12L-B006-13.0-13.5								X	Archive	
10	S-12L-B006-16.5-17.0		0850			X					
	S-12L-B006-16.5-17.0		0850				X				

Container Type	V	V	A	A
Preservative	F	O	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Dave Walsh	1645 7/16/12	T. Hudd	7/16/12 1645
T. Hudd	7/16/12	[signature]	7/16/12 1840

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Sediment Boring Collection and Analysis
Off the Former Aerovox Site Property Shoreline
W912WJ-09-D-0001

CHAIN OF CUSTODY

PAGE 5 OF 7

Date Rec'd in Lab: 7/16/12

ALPHA Job #: L1212595

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford AeroVox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:
If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
Project-specific EDD, Homogenize before analyses

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
10	S-12L-B006-16.5-17.0	7/16/12	0850	SE	DGS			X		All 3 analyses	1
	S-12L-B006-16.5-17.0		⊥						X	Archive	1
11	S-12L-B006-21.0-21.5		0910			X					1
	S-12L-B006-21.0-21.5						X				2
	S-12L-B006-21.0-21.5							X		All 3 analyses	
	S-12L-B006-21.0-21.5		⊥	⊥					X	Archive	
12	EB-071612-01		0845	SW	DRW	X				Equip Blank	
12	EB-071612-01		⊥	⊥				X		Equip Blank, SVOC + Aroclor	
13	TB-071612-03		1100		DB	X				Trip Blank, Equip blank	
14	S-12L-B006-23.0-23.5	⊥	910	SE	DGS	X					
					Container Type	V	V	A	A		
					Preservative	F	O	A	A		

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Dave Walsh	1645 7/16/12	T. Hudd	7/16/12 1645
T. Hudd	7/16/12	[signature]	7/16/12 1840

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Sediment Boring Collection and Analysis Off the Former Aerovox Site Property Shoreline W912WJ-09-D-0001

CHAIN OF CUSTODY

PAGE 6 OF 7

Date Rec'd in Lab: 7/16/12

ALPHA Job #: L1212595

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: WOODS Hole Group
Address: 81 Techology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State / Fed Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
Project-specific EDD, Homogenize before analysis

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
14	S-12L-B006-23.0-23.5	7/16/12	0910	SE	DGS		X				3
	S-12L-B006-23.0-23.5		0950					X		All 3 analyses	1
	S-12L-B006-23.0-23.5								X	Archive	1
15	S-12L-B006-27.0-27.5					X					1
	S-12L-B006-27.0-27.5						X				2
	S-12L-B006-27.0-27.5							X		All 3 analyses	1
	S-12L-B006-27.0-27.5								X	Archive	1
16	S-12L-B006-28.5-29.0					X					1
	S-12L-B006-28.5-29.0						X				2
	S-12L-B006-28.5-29.0							X		All 3 analyses	1

	High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congener (Archive)
Container Type	V	V	A	A
Preservative	F	O	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	1645 7/16/12	[signature]	7/16/12 1645
T. [signature]	7/16/12	[signature]	7/16/12 1640

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Sediment Boring Collection and Analysis
Off the Former Aerovox Site Property Shoreline
W912WJ-09-D-0001
Del Order 0-05
April 2013

CHAIN OF CUSTODY

PAGE 7 OF 7

Date Rec'd in Lab: 7/16/12

ALPHA Job #: L1212595

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:
If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
Project-specific EDD. Homogenize before analysis

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
16	S-12L-B006-28.5-29.0	7/16/12	0950	SE	DGS				X	Archive	D-94
17	S-12L-B006-31.0-31.5		1010			X					1
	S-12L-B006-31.0-31.5						X				2
	S-12L-B006-31.0-31.5							X		All 3 analyses	1
	S-12L-B006-31.0-31.5								X	Archive	

Container Type	V	V	A	A
Preservative	F	O	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Dave Walsh	1645 7/16/12	T. Hadd	7/16/12 1645
T. Hadd	7/16/12	[signature]	7/16/12 1845

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

ANALYTICAL REPORT

Lab Number:	L1212599
Client:	Woods Hole Group 81 Technology Park Drive East Falmouth, MA 02536
ATTN:	Dave Walsh
Phone:	(508) 540-8080
Project Name:	NEW BEDFORD AEROVOX
Project Number:	TO-0010-05
Report Date:	08/15/12

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212599
Report Date: 08/15/12

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1212599-01	TB-071612-01	NEW BEDFORD, MA	07/16/12 00:00
L1212599-02	S-12L-B006-0.0-0.5	NEW BEDFORD, MA	07/16/12 08:10
L1212599-03	S-12L-B006-1.0-1.5	NEW BEDFORD, MA	07/16/12 08:10
L1212599-04	S-12L-B006-1.0-1.5 REP	NEW BEDFORD, MA	07/16/12 08:10
L1212599-05	S-12L-B006-3.0-3.5	NEW BEDFORD, MA	07/16/12 08:10
L1212599-06	S-12L-B006-6.5-7.0	NEW BEDFORD, MA	07/16/12 08:25
L1212599-07	S-12L-B006-8.0-8.5	NEW BEDFORD, MA	07/16/12 08:25
L1212599-08	S-12L-B006-10.5-11.0	NEW BEDFORD, MA	07/16/12 08:40
L1212599-09	S-12L-B006-13.0-13.5	NEW BEDFORD, MA	07/16/12 08:40
L1212599-10	S-12L-B006-16.5-17.0	NEW BEDFORD, MA	07/16/12 08:50
L1212599-11	S-12L-B006-21.0-21.5	NEW BEDFORD, MA	07/16/12 09:10
L1212599-12	EB-071612-01	NEW BEDFORD, MA	07/16/12 08:45
L1212599-13	S-12L-B006-23.0-23.5	NEW BEDFORD, MA	07/16/12 09:10
L1212599-14	S-12L-B006-27.0-27.5	NEW BEDFORD, MA	07/16/12 09:50
L1212599-15	S-12L-B006-28.5-29.0	NEW BEDFORD, MA	07/16/12 09:50
L1212599-16	S-12L-B006-31.0-31.5	NEW BEDFORD, MA	07/16/12 10:10
L1212599-17	S-12L-B006-26.0-26.5	NEW BEDFORD, MA	07/16/12 09:50

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599
Project Number: TO-0010-05 **Report Date:** 08/15/12

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples free of charge for 30 days from the date the project is completed. After 30 days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples.

Please contact Client Services at 800-624-9220 with any questions.

Project Name:	NEW BEDFORD AEROVOX	**Lab Number:**	L1212599
Project Number:	TO-0010-05	**Report Date:**	08/15/12

Case Narrative (continued)

Report Submission

This report replaces the report issued on August 1, 2012. The QC analyte lists have been amended to match the samples for Volatile and Semivolatile Organics and the matrix has been changed to sediment.

Volatile Organics

Samples that were non-detect when analyzed high level originally in L1212595 are found within this report.

Semivolatile Organics

L1212599-03 has elevated detection limits due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Cynthia McQueen

Title: Technical Director/Representative Date: 08/15/12

ORGANICS

VOLATILES

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212599-01	Date Collected:	07/16/12 00:00
Client ID:	TB-071612-01	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/18/12 22:17		
Analyst:	JL		
Percent Solids:	Results reported on an 'AS RECEIVED' basis.		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	10	--	1
1,1-Dichloroethane	ND		ug/kg	2.0	--	1
Chloroform	ND		ug/kg	2.0	--	1
Carbon tetrachloride	ND		ug/kg	2.0	--	1
1,2-Dichloropropane	ND		ug/kg	4.0	--	1
Dibromochloromethane	ND		ug/kg	2.0	--	1
1,1,2-Trichloroethane	ND		ug/kg	2.0	--	1
Tetrachloroethene	ND		ug/kg	2.0	--	1
Chlorobenzene	ND		ug/kg	2.0	--	1
Trichlorofluoromethane	ND		ug/kg	5.0	--	1
1,2-Dichloroethane	ND		ug/kg	2.0	--	1
1,1,1-Trichloroethane	ND		ug/kg	2.0	--	1
Bromodichloromethane	ND		ug/kg	2.0	--	1
trans-1,3-Dichloropropene	ND		ug/kg	2.0	--	1
cis-1,3-Dichloropropene	ND		ug/kg	2.0	--	1
Bromoform	ND		ug/kg	4.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.0	--	1
Benzene	ND		ug/kg	2.0	--	1
Toluene	ND		ug/kg	2.0	--	1
Ethylbenzene	ND		ug/kg	2.0	--	1
Chloromethane	ND		ug/kg	5.0	--	1
Bromomethane	ND		ug/kg	2.0	--	1
Vinyl chloride	ND		ug/kg	2.0	--	1
Chloroethane	ND		ug/kg	2.0	--	1
1,1-Dichloroethene	ND		ug/kg	2.0	--	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	--	1
Trichloroethene	ND		ug/kg	2.0	--	1
1,2-Dichlorobenzene	ND		ug/kg	5.0	--	1
1,3-Dichlorobenzene	ND		ug/kg	5.0	--	1
1,4-Dichlorobenzene	ND		ug/kg	5.0	--	1
Methyl tert butyl ether	ND		ug/kg	2.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212599-01 Date Collected: 07/16/12 00:00

Client ID: TB-071612-01 Date Received: 07/16/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	4.0	--	1
o-Xylene	ND		ug/kg	4.0	--	1
Xylenes, Total	ND		ug/kg	4.0	--	1
cis-1,2-Dichloroethene	ND		ug/kg	2.0	--	1
Styrene	ND		ug/kg	4.0	--	1
Dichlorodifluoromethane	ND		ug/kg	10	--	1
Acetone	ND		ug/kg	36	--	1
Carbon disulfide	ND		ug/kg	10	--	1
2-Butanone	ND		ug/kg	10	--	1
4-Methyl-2-pentanone	ND		ug/kg	10	--	1
2-Hexanone	ND		ug/kg	10	--	1
Bromochloromethane	ND		ug/kg	5.0	--	1
1,2-Dibromoethane	ND		ug/kg	4.0	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	--	1
Isopropylbenzene	ND		ug/kg	2.0	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	--	1
Methyl Acetate	ND		ug/kg	20	--	1
Cyclohexane	ND		ug/kg	20	--	1
1,4-Dioxane	ND		ug/kg	100	--	1
Methyl cyclohexane	ND		ug/kg	4.0	--	1
Freon-113	ND		ug/kg	20	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	102		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212599-10	Date Collected:	07/16/12 08:50
Client ID:	S-12L-B006-16.5-17.0	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/18/12 22:44		
Analyst:	JL		
Percent Solids:	91%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	20	--	1
1,1-Dichloroethane	ND		ug/kg	3.9	--	1
Chloroform	ND		ug/kg	3.9	--	1
Carbon tetrachloride	ND		ug/kg	3.9	--	1
1,2-Dichloropropane	ND		ug/kg	7.8	--	1
Dibromochloromethane	ND		ug/kg	3.9	--	1
1,1,2-Trichloroethane	ND		ug/kg	3.9	--	1
Tetrachloroethene	ND		ug/kg	3.9	--	1
Chlorobenzene	ND		ug/kg	3.9	--	1
Trichlorofluoromethane	ND		ug/kg	9.8	--	1
1,2-Dichloroethane	ND		ug/kg	3.9	--	1
1,1,1-Trichloroethane	ND		ug/kg	3.9	--	1
Bromodichloromethane	ND		ug/kg	3.9	--	1
trans-1,3-Dichloropropene	ND		ug/kg	3.9	--	1
cis-1,3-Dichloropropene	ND		ug/kg	3.9	--	1
Bromoform	ND		ug/kg	7.8	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	3.9	--	1
Benzene	ND		ug/kg	3.9	--	1
Toluene	ND		ug/kg	3.9	--	1
Ethylbenzene	ND		ug/kg	3.9	--	1
Chloromethane	ND		ug/kg	9.8	--	1
Bromomethane	ND		ug/kg	3.9	--	1
Vinyl chloride	ND		ug/kg	3.9	--	1
Chloroethane	ND		ug/kg	3.9	--	1
1,1-Dichloroethene	ND		ug/kg	3.9	--	1
trans-1,2-Dichloroethene	ND		ug/kg	3.9	--	1
Trichloroethene	270		ug/kg	3.9	--	1
1,2-Dichlorobenzene	ND		ug/kg	9.8	--	1
1,3-Dichlorobenzene	ND		ug/kg	9.8	--	1
1,4-Dichlorobenzene	ND		ug/kg	9.8	--	1
Methyl tert butyl ether	ND		ug/kg	3.9	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212599-10 Date Collected: 07/16/12 08:50

Client ID: S-12L-B006-16.5-17.0 Date Received: 07/16/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	7.8	--	1
o-Xylene	ND		ug/kg	7.8	--	1
Xylenes, Total	ND		ug/kg	7.8	--	1
cis-1,2-Dichloroethene	110		ug/kg	3.9	--	1
Styrene	ND		ug/kg	7.8	--	1
Dichlorodifluoromethane	ND		ug/kg	20	--	1
Acetone	ND		ug/kg	71	--	1
Carbon disulfide	ND		ug/kg	20	--	1
2-Butanone	ND		ug/kg	20	--	1
4-Methyl-2-pentanone	ND		ug/kg	20	--	1
2-Hexanone	ND		ug/kg	20	--	1
Bromochloromethane	ND		ug/kg	9.8	--	1
1,2-Dibromoethane	ND		ug/kg	7.8	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	9.8	--	1
Isopropylbenzene	ND		ug/kg	3.9	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	9.8	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	9.8	--	1
Methyl Acetate	ND		ug/kg	39	--	1
Cyclohexane	ND		ug/kg	39	--	1
1,4-Dioxane	ND		ug/kg	200	--	1
Methyl cyclohexane	ND		ug/kg	7.8	--	1
Freon-113	ND		ug/kg	39	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	102		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212599-15	Date Collected:	07/16/12 09:50
Client ID:	S-12L-B006-28.5-29.0	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/18/12 23:40		
Analyst:	JL		
Percent Solids:	88%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	11	--	1
1,1-Dichloroethane	ND		ug/kg	2.2	--	1
Chloroform	ND		ug/kg	2.2	--	1
Carbon tetrachloride	ND		ug/kg	2.2	--	1
1,2-Dichloropropane	ND		ug/kg	4.4	--	1
Dibromochloromethane	ND		ug/kg	2.2	--	1
1,1,2-Trichloroethane	ND		ug/kg	2.2	--	1
Tetrachloroethene	ND		ug/kg	2.2	--	1
Chlorobenzene	ND		ug/kg	2.2	--	1
Trichlorofluoromethane	ND		ug/kg	5.5	--	1
1,2-Dichloroethane	ND		ug/kg	2.2	--	1
1,1,1-Trichloroethane	ND		ug/kg	2.2	--	1
Bromodichloromethane	ND		ug/kg	2.2	--	1
trans-1,3-Dichloropropene	ND		ug/kg	2.2	--	1
cis-1,3-Dichloropropene	ND		ug/kg	2.2	--	1
Bromoform	ND		ug/kg	4.4	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.2	--	1
Benzene	ND		ug/kg	2.2	--	1
Toluene	ND		ug/kg	2.2	--	1
Ethylbenzene	ND		ug/kg	2.2	--	1
Chloromethane	ND		ug/kg	5.5	--	1
Bromomethane	ND		ug/kg	2.2	--	1
Vinyl chloride	ND		ug/kg	2.2	--	1
Chloroethane	ND		ug/kg	2.2	--	1
1,1-Dichloroethene	ND		ug/kg	2.2	--	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	--	1
Trichloroethene	42		ug/kg	2.2	--	1
1,2-Dichlorobenzene	ND		ug/kg	5.5	--	1
1,3-Dichlorobenzene	ND		ug/kg	5.5	--	1
1,4-Dichlorobenzene	ND		ug/kg	5.5	--	1
Methyl tert butyl ether	ND		ug/kg	2.2	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212599-15 Date Collected: 07/16/12 09:50

Client ID: S-12L-B006-28.5-29.0 Date Received: 07/16/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	4.4	--	1
o-Xylene	ND		ug/kg	4.4	--	1
Xylenes, Total	ND		ug/kg	4.4	--	1
cis-1,2-Dichloroethene	27		ug/kg	2.2	--	1
Styrene	ND		ug/kg	4.4	--	1
Dichlorodifluoromethane	ND		ug/kg	11	--	1
Acetone	ND		ug/kg	39	--	1
Carbon disulfide	ND		ug/kg	11	--	1
2-Butanone	ND		ug/kg	11	--	1
4-Methyl-2-pentanone	ND		ug/kg	11	--	1
2-Hexanone	ND		ug/kg	11	--	1
Bromochloromethane	ND		ug/kg	5.5	--	1
1,2-Dibromoethane	ND		ug/kg	4.4	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.5	--	1
Isopropylbenzene	ND		ug/kg	2.2	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.5	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.5	--	1
Methyl Acetate	ND		ug/kg	22	--	1
Cyclohexane	ND		ug/kg	22	--	1
1,4-Dioxane	ND		ug/kg	110	--	1
Methyl cyclohexane	ND		ug/kg	4.4	--	1
Freon-113	ND		ug/kg	22	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	102		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212599-16	Date Collected:	07/16/12 10:10
Client ID:	S-12L-B006-31.0-31.5	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/19/12 00:07		
Analyst:	JL		
Percent Solids:	84%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	19	--	1
1,1-Dichloroethane	ND		ug/kg	3.8	--	1
Chloroform	ND		ug/kg	3.8	--	1
Carbon tetrachloride	ND		ug/kg	3.8	--	1
1,2-Dichloropropane	ND		ug/kg	7.7	--	1
Dibromochloromethane	ND		ug/kg	3.8	--	1
1,1,2-Trichloroethane	ND		ug/kg	3.8	--	1
Tetrachloroethene	ND		ug/kg	3.8	--	1
Chlorobenzene	ND		ug/kg	3.8	--	1
Trichlorofluoromethane	ND		ug/kg	9.6	--	1
1,2-Dichloroethane	ND		ug/kg	3.8	--	1
1,1,1-Trichloroethane	ND		ug/kg	3.8	--	1
Bromodichloromethane	ND		ug/kg	3.8	--	1
trans-1,3-Dichloropropene	ND		ug/kg	3.8	--	1
cis-1,3-Dichloropropene	ND		ug/kg	3.8	--	1
Bromoform	ND		ug/kg	7.7	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	3.8	--	1
Benzene	ND		ug/kg	3.8	--	1
Toluene	ND		ug/kg	3.8	--	1
Ethylbenzene	ND		ug/kg	3.8	--	1
Chloromethane	ND		ug/kg	9.6	--	1
Bromomethane	ND		ug/kg	3.8	--	1
Vinyl chloride	ND		ug/kg	3.8	--	1
Chloroethane	ND		ug/kg	3.8	--	1
1,1-Dichloroethene	ND		ug/kg	3.8	--	1
trans-1,2-Dichloroethene	ND		ug/kg	3.8	--	1
Trichloroethene	73		ug/kg	3.8	--	1
1,2-Dichlorobenzene	ND		ug/kg	9.6	--	1
1,3-Dichlorobenzene	ND		ug/kg	9.6	--	1
1,4-Dichlorobenzene	ND		ug/kg	9.6	--	1
Methyl tert butyl ether	ND		ug/kg	3.8	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212599-16 Date Collected: 07/16/12 10:10

Client ID: S-12L-B006-31.0-31.5 Date Received: 07/16/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	7.7	--	1
o-Xylene	ND		ug/kg	7.7	--	1
Xylenes, Total	ND		ug/kg	7.7	--	1
cis-1,2-Dichloroethene	18		ug/kg	3.8	--	1
Styrene	ND		ug/kg	7.7	--	1
Dichlorodifluoromethane	ND		ug/kg	19	--	1
Acetone	ND		ug/kg	69	--	1
Carbon disulfide	ND		ug/kg	19	--	1
2-Butanone	ND		ug/kg	19	--	1
4-Methyl-2-pentanone	ND		ug/kg	19	--	1
2-Hexanone	ND		ug/kg	19	--	1
Bromochloromethane	ND		ug/kg	9.6	--	1
1,2-Dibromoethane	ND		ug/kg	7.7	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	9.6	--	1
Isopropylbenzene	ND		ug/kg	3.8	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	9.6	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	9.6	--	1
Methyl Acetate	ND		ug/kg	38	--	1
Cyclohexane	ND		ug/kg	38	--	1
1,4-Dioxane	ND		ug/kg	190	--	1
Methyl cyclohexane	ND		ug/kg	7.7	--	1
Freon-113	ND		ug/kg	38	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	101		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212599-17	Date Collected:	07/16/12 09:50
Client ID:	S-12L-B006-26.0-26.5	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/19/12 00:35		
Analyst:	JL		
Percent Solids:	89%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	20	--	1
1,1-Dichloroethane	ND		ug/kg	4.0	--	1
Chloroform	ND		ug/kg	4.0	--	1
Carbon tetrachloride	ND		ug/kg	4.0	--	1
1,2-Dichloropropane	ND		ug/kg	8.0	--	1
Dibromochloromethane	ND		ug/kg	4.0	--	1
1,1,2-Trichloroethane	ND		ug/kg	4.0	--	1
Tetrachloroethene	ND		ug/kg	4.0	--	1
Chlorobenzene	ND		ug/kg	4.0	--	1
Trichlorofluoromethane	ND		ug/kg	10	--	1
1,2-Dichloroethane	ND		ug/kg	4.0	--	1
1,1,1-Trichloroethane	ND		ug/kg	4.0	--	1
Bromodichloromethane	ND		ug/kg	4.0	--	1
trans-1,3-Dichloropropene	ND		ug/kg	4.0	--	1
cis-1,3-Dichloropropene	ND		ug/kg	4.0	--	1
Bromoform	ND		ug/kg	8.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	4.0	--	1
Benzene	ND		ug/kg	4.0	--	1
Toluene	ND		ug/kg	4.0	--	1
Ethylbenzene	ND		ug/kg	4.0	--	1
Chloromethane	ND		ug/kg	10	--	1
Bromomethane	ND		ug/kg	4.0	--	1
Vinyl chloride	ND		ug/kg	4.0	--	1
Chloroethane	ND		ug/kg	4.0	--	1
1,1-Dichloroethene	ND		ug/kg	4.0	--	1
trans-1,2-Dichloroethene	ND		ug/kg	4.0	--	1
Trichloroethene	88		ug/kg	4.0	--	1
1,2-Dichlorobenzene	ND		ug/kg	10	--	1
1,3-Dichlorobenzene	ND		ug/kg	10	--	1
1,4-Dichlorobenzene	ND		ug/kg	10	--	1
Methyl tert butyl ether	ND		ug/kg	4.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212599-17 Date Collected: 07/16/12 09:50

Client ID: S-12L-B006-26.0-26.5 Date Received: 07/16/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	8.0	--	1
o-Xylene	ND		ug/kg	8.0	--	1
Xylenes, Total	ND		ug/kg	8.0	--	1
cis-1,2-Dichloroethene	40		ug/kg	4.0	--	1
Styrene	ND		ug/kg	8.0	--	1
Dichlorodifluoromethane	ND		ug/kg	20	--	1
Acetone	ND		ug/kg	72	--	1
Carbon disulfide	ND		ug/kg	20	--	1
2-Butanone	ND		ug/kg	20	--	1
4-Methyl-2-pentanone	ND		ug/kg	20	--	1
2-Hexanone	ND		ug/kg	20	--	1
Bromochloromethane	ND		ug/kg	10	--	1
1,2-Dibromoethane	ND		ug/kg	8.0	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	10	--	1
Isopropylbenzene	ND		ug/kg	4.0	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	10	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	10	--	1
Methyl Acetate	ND		ug/kg	40	--	1
Cyclohexane	ND		ug/kg	40	--	1
1,4-Dioxane	ND		ug/kg	200	--	1
Methyl cyclohexane	ND		ug/kg	8.0	--	1
Freon-113	ND		ug/kg	40	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	101		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/18/12 20:54
Analyst: JL

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 01,10,15-17 Batch: WG551718-3					
Methylene chloride	ND		ug/kg	10	--
1,1-Dichloroethane	ND		ug/kg	2.0	--
Chloroform	ND		ug/kg	2.0	--
Carbon tetrachloride	ND		ug/kg	2.0	--
1,2-Dichloropropane	ND		ug/kg	4.0	--
Dibromochloromethane	ND		ug/kg	2.0	--
1,1,2-Trichloroethane	ND		ug/kg	2.0	--
Tetrachloroethene	ND		ug/kg	2.0	--
Chlorobenzene	ND		ug/kg	2.0	--
Trichlorofluoromethane	ND		ug/kg	5.0	--
1,2-Dichloroethane	ND		ug/kg	2.0	--
1,1,1-Trichloroethane	ND		ug/kg	2.0	--
Bromodichloromethane	ND		ug/kg	2.0	--
trans-1,3-Dichloropropene	ND		ug/kg	2.0	--
cis-1,3-Dichloropropene	ND		ug/kg	2.0	--
Bromoform	ND		ug/kg	4.0	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.0	--
Benzene	ND		ug/kg	2.0	--
Toluene	ND		ug/kg	2.0	--
Ethylbenzene	ND		ug/kg	2.0	--
Chloromethane	ND		ug/kg	5.0	--
Bromomethane	ND		ug/kg	2.0	--
Vinyl chloride	ND		ug/kg	2.0	--
Chloroethane	ND		ug/kg	2.0	--
1,1-Dichloroethene	ND		ug/kg	2.0	--
trans-1,2-Dichloroethene	ND		ug/kg	2.0	--
Trichloroethene	ND		ug/kg	2.0	--
1,2-Dichlorobenzene	ND		ug/kg	5.0	--
1,3-Dichlorobenzene	ND		ug/kg	5.0	--
1,4-Dichlorobenzene	ND		ug/kg	5.0	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/18/12 20:54
Analyst: JL

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 01,10,15-17 Batch: WG551718-3					
Methyl tert butyl ether	ND		ug/kg	2.0	--
p/m-Xylene	ND		ug/kg	4.0	--
o-Xylene	ND		ug/kg	4.0	--
Xylenes, Total	ND		ug/kg	4.0	--
cis-1,2-Dichloroethene	ND		ug/kg	2.0	--
Styrene	ND		ug/kg	4.0	--
Dichlorodifluoromethane	ND		ug/kg	10	--
Acetone	ND		ug/kg	36	--
Carbon disulfide	ND		ug/kg	10	--
2-Butanone	ND		ug/kg	10	--
4-Methyl-2-pentanone	ND		ug/kg	10	--
2-Hexanone	ND		ug/kg	10	--
Bromochloromethane	ND		ug/kg	5.0	--
1,2-Dibromoethane	ND		ug/kg	4.0	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	--
Isopropylbenzene	ND		ug/kg	2.0	--
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	--
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	--
Methyl Acetate	ND		ug/kg	20	--
Cyclohexane	ND		ug/kg	20	--
1,4-Dioxane	ND		ug/kg	100	--
Methyl cyclohexane	ND		ug/kg	4.0	--
Freon-113	ND		ug/kg	20	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/18/12 20:54
Analyst: JL

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 01,10,15-17 Batch: WG551718-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212599

Report Date: 08/15/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 01,10,15-17 Batch: WG551718-1 WG551718-2								
Methylene chloride	101		104		70-130	3		30
1,1-Dichloroethane	102		98		70-130	4		30
Chloroform	101		97		70-130	4		30
Carbon tetrachloride	101		95		70-130	6		30
1,2-Dichloropropane	101		100		70-130	1		30
Dibromochloromethane	96		97		70-130	1		30
1,1,2-Trichloroethane	95		99		70-130	4		30
Tetrachloroethene	102		93		70-130	9		30
Chlorobenzene	98		93		70-130	5		30
Trichlorofluoromethane	108		101		70-139	7		30
1,2-Dichloroethane	100		102		70-130	2		30
1,1,1-Trichloroethane	102		96		70-130	6		30
Bromodichloromethane	99		99		70-130	0		30
trans-1,3-Dichloropropene	93		94		70-130	1		30
cis-1,3-Dichloropropene	99		100		70-130	1		30
Bromoform	92		98		70-130	6		30
1,1,2,2-Tetrachloroethane	92		98		70-130	6		30
Benzene	102		97		70-130	5		30
Toluene	95		89		70-130	7		30
Ethylbenzene	98		91		70-130	7		30
Chloromethane	102		96		52-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212599

Report Date: 08/15/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 01,10,15-17 Batch: WG551718-1 WG551718-2								
Bromomethane	89		83		57-147	7		30
Vinyl chloride	109		102		67-130	7		30
Chloroethane	110		102		50-151	8		30
1,1-Dichloroethene	103		96		65-135	7		30
trans-1,2-Dichloroethene	103		98		70-130	5		30
Trichloroethene	104		97		70-130	7		30
1,2-Dichlorobenzene	96		93		70-130	3		30
1,3-Dichlorobenzene	98		93		70-130	5		30
1,4-Dichlorobenzene	98		92		70-130	6		30
Methyl tert butyl ether	95		102		66-130	7		30
p/m-Xylene	100		92		70-130	8		30
o-Xylene	99		94		70-130	5		30
cis-1,2-Dichloroethene	103		100		70-130	3		30
Styrene	99		94		70-130	5		30
Dichlorodifluoromethane	101		93		30-146	8		30
Acetone	110		131		54-140	17		30
Carbon disulfide	102		95		59-130	7		30
2-Butanone	99		110		70-130	11		30
4-Methyl-2-pentanone	98		110		70-130	12		30
2-Hexanone	91		104		70-130	13		30
Bromochloromethane	105		107		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212599

Report Date: 08/15/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 01,10,15-17 Batch: WG551718-1 WG551718-2								
1,2-Dibromoethane	94		99		70-130	5		30
1,2-Dibromo-3-chloropropane	116		104		68-130	11		30
Isopropylbenzene	96		89		70-130	8		30
1,2,3-Trichlorobenzene	98		98		70-130	0		30
1,2,4-Trichlorobenzene	99		94		70-130	5		30
Methyl Acetate	95		111		65-130	16		30
Cyclohexane	102		95		70-130	7		30
1,4-Dioxane	115		120		65-136	4		30
Methyl cyclohexane	100		92		70-130	8		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	102		96		70-130	6		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		105		70-130
Toluene-d8	97		96		70-130
4-Bromofluorobenzene	97		96		70-130
Dibromofluoromethane	102		104		70-130

SEMIVOLATILES

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212599-02	Date Collected:	07/16/12 08:10
Client ID:	S-12L-B006-0.0-0.5	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 22:50
Analytical Date:	07/27/12 18:49		
Analyst:	RC		
Percent Solids:	43%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	300	--	1
Hexachlorobenzene	ND		ug/kg	230	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	380	--	1
2-Chloronaphthalene	ND		ug/kg	380	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	380	--	1
2,4-Dinitrotoluene	ND		ug/kg	380	--	1
2,6-Dinitrotoluene	ND		ug/kg	380	--	1
Fluoranthene	1700		ug/kg	230	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	380	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	380	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	460	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	380	--	1
Hexachlorobutadiene	ND		ug/kg	380	--	1
Hexachlorocyclopentadiene	ND		ug/kg	1100	--	1
Hexachloroethane	ND		ug/kg	300	--	1
Isophorone	ND		ug/kg	380	--	1
Naphthalene	ND		ug/kg	380	--	1
Nitrobenzene	ND		ug/kg	380	--	1
NDPA/DPA	ND		ug/kg	300	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	380	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	380	--	1
Butyl benzyl phthalate	ND		ug/kg	380	--	1
Di-n-butylphthalate	ND		ug/kg	380	--	1
Di-n-octylphthalate	ND		ug/kg	380	--	1
Diethyl phthalate	ND		ug/kg	380	--	1
Dimethyl phthalate	ND		ug/kg	380	--	1
Benzo(a)anthracene	770		ug/kg	230	--	1
Benzo(a)pyrene	720		ug/kg	300	--	1
Benzo(b)fluoranthene	600		ug/kg	230	--	1
Benzo(k)fluoranthene	650		ug/kg	230	--	1
Chrysene	840		ug/kg	230	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212599-02 Date Collected: 07/16/12 08:10

Client ID: S-12L-B006-0.0-0.5 Date Received: 07/16/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	300	--	1
Anthracene	320		ug/kg	230	--	1
Benzo(ghi)perylene	420		ug/kg	300	--	1
Fluorene	ND		ug/kg	380	--	1
Phenanthrene	1200		ug/kg	230	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	230	--	1
Indeno(1,2,3-cd)pyrene	400		ug/kg	300	--	1
Pyrene	1500		ug/kg	230	--	1
Biphenyl	ND		ug/kg	840	--	1
4-Chloroaniline	ND		ug/kg	380	--	1
2-Nitroaniline	ND		ug/kg	380	--	1
3-Nitroaniline	ND		ug/kg	380	--	1
4-Nitroaniline	ND		ug/kg	380	--	1
Dibenzofuran	ND		ug/kg	380	--	1
2-Methylnaphthalene	ND		ug/kg	460	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	380	--	1
Acetophenone	ND		ug/kg	380	--	1
2,4,6-Trichlorophenol	ND		ug/kg	230	--	1
p-Chloro-m-cresol	ND		ug/kg	380	--	1
2-Chlorophenol	ND		ug/kg	380	--	1
2,4-Dichlorophenol	ND		ug/kg	380	--	1
2,4-Dimethylphenol	ND		ug/kg	380	--	1
2-Nitrophenol	ND		ug/kg	840	--	1
4-Nitrophenol	ND		ug/kg	530	--	1
2,4-Dinitrophenol	ND		ug/kg	1800	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	990	--	1
Pentachlorophenol	ND		ug/kg	300	--	1
Phenol	ND		ug/kg	380	--	1
2-Methylphenol	ND		ug/kg	380	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	530	--	1
2,4,5-Trichlorophenol	ND		ug/kg	380	--	1
Carbazole	ND		ug/kg	380	--	1
Atrazine	ND		ug/kg	300	--	1
Benzaldehyde	ND		ug/kg	530	--	1
Caprolactam	ND		ug/kg	380	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	380	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212599-02	Date Collected:	07/16/12 08:10
Client ID:	S-12L-B006-0.0-0.5	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	83		0-136
4-Terphenyl-d14	77		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212599-03 D	Date Collected:	07/16/12 08:10
Client ID:	S-12L-B006-1.0-1.5	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 22:50
Analytical Date:	07/27/12 19:12		
Analyst:	RC		
Percent Solids:	67%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	400		ug/kg	390	--	2
Hexachlorobenzene	ND		ug/kg	290	--	2
Bis(2-chloroethyl)ether	ND		ug/kg	490	--	2
2-Chloronaphthalene	ND		ug/kg	490	--	2
3,3'-Dichlorobenzidine	ND		ug/kg	490	--	2
2,4-Dinitrotoluene	ND		ug/kg	490	--	2
2,6-Dinitrotoluene	ND		ug/kg	490	--	2
Fluoranthene	5100		ug/kg	290	--	2
4-Chlorophenyl phenyl ether	ND		ug/kg	490	--	2
4-Bromophenyl phenyl ether	ND		ug/kg	490	--	2
Bis(2-chloroisopropyl)ether	ND		ug/kg	590	--	2
Bis(2-chloroethoxy)methane	ND		ug/kg	490	--	2
Hexachlorobutadiene	ND		ug/kg	490	--	2
Hexachlorocyclopentadiene	ND		ug/kg	1400	--	2
Hexachloroethane	ND		ug/kg	390	--	2
Isophorone	ND		ug/kg	490	--	2
Naphthalene	ND		ug/kg	490	--	2
Nitrobenzene	ND		ug/kg	490	--	2
NDPA/DPA	ND		ug/kg	390	--	2
n-Nitrosodi-n-propylamine	ND		ug/kg	490	--	2
Bis(2-ethylhexyl)phthalate	ND		ug/kg	490	--	2
Butyl benzyl phthalate	ND		ug/kg	490	--	2
Di-n-butylphthalate	ND		ug/kg	490	--	2
Di-n-octylphthalate	ND		ug/kg	490	--	2
Diethyl phthalate	ND		ug/kg	490	--	2
Dimethyl phthalate	ND		ug/kg	490	--	2
Benzo(a)anthracene	2100		ug/kg	290	--	2
Benzo(a)pyrene	1900		ug/kg	390	--	2
Benzo(b)fluoranthene	1500		ug/kg	290	--	2
Benzo(k)fluoranthene	1800		ug/kg	290	--	2
Chrysene	2200		ug/kg	290	--	2

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212599-03 D
Client ID: S-12L-B006-1.0-1.5
Sample Location: NEW BEDFORD, MA

Date Collected: 07/16/12 08:10
Date Received: 07/16/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	390	--	2
Anthracene	910		ug/kg	290	--	2
Benzo(ghi)perylene	1100		ug/kg	390	--	2
Fluorene	490		ug/kg	490	--	2
Phenanthrene	3700		ug/kg	290	--	2
Dibenzo(a,h)anthracene	420		ug/kg	290	--	2
Indeno(1,2,3-cd)pyrene	990		ug/kg	390	--	2
Pyrene	4700		ug/kg	290	--	2
Biphenyl	ND		ug/kg	1100	--	2
4-Chloroaniline	ND		ug/kg	490	--	2
2-Nitroaniline	ND		ug/kg	490	--	2
3-Nitroaniline	ND		ug/kg	490	--	2
4-Nitroaniline	ND		ug/kg	490	--	2
Dibenzofuran	ND		ug/kg	490	--	2
2-Methylnaphthalene	ND		ug/kg	590	--	2
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	490	--	2
Acetophenone	ND		ug/kg	490	--	2
2,4,6-Trichlorophenol	ND		ug/kg	290	--	2
p-Chloro-m-cresol	ND		ug/kg	490	--	2
2-Chlorophenol	ND		ug/kg	490	--	2
2,4-Dichlorophenol	ND		ug/kg	490	--	2
2,4-Dimethylphenol	ND		ug/kg	490	--	2
2-Nitrophenol	ND		ug/kg	1100	--	2
4-Nitrophenol	ND		ug/kg	680	--	2
2,4-Dinitrophenol	ND		ug/kg	2400	--	2
4,6-Dinitro-o-cresol	ND		ug/kg	1300	--	2
Pentachlorophenol	ND		ug/kg	390	--	2
Phenol	ND		ug/kg	490	--	2
2-Methylphenol	ND		ug/kg	490	--	2
3-Methylphenol/4-Methylphenol	ND		ug/kg	680	--	2
2,4,5-Trichlorophenol	ND		ug/kg	490	--	2
Carbazole	ND		ug/kg	490	--	2
Atrazine	ND		ug/kg	390	--	2
Benzaldehyde	ND		ug/kg	680	--	2
Caprolactam	ND		ug/kg	490	--	2
2,3,4,6-Tetrachlorophenol	ND		ug/kg	490	--	2

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212599-03 D
Client ID: S-12L-B006-1.0-1.5
Sample Location: NEW BEDFORD, MA

Date Collected: 07/16/12 08:10
Date Received: 07/16/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	89		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	87		0-136
4-Terphenyl-d14	79		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212599-04 D	Date Collected:	07/16/12 08:10
Client ID:	S-12L-B006-1.0-1.5 REP	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 22:50
Analytical Date:	07/27/12 19:36		
Analyst:	RC		
Percent Solids:	69%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	380	--	2
Hexachlorobenzene	ND		ug/kg	290	--	2
Bis(2-chloroethyl)ether	ND		ug/kg	480	--	2
2-Chloronaphthalene	ND		ug/kg	480	--	2
3,3'-Dichlorobenzidine	ND		ug/kg	480	--	2
2,4-Dinitrotoluene	ND		ug/kg	480	--	2
2,6-Dinitrotoluene	ND		ug/kg	480	--	2
Fluoranthene	3100		ug/kg	290	--	2
4-Chlorophenyl phenyl ether	ND		ug/kg	480	--	2
4-Bromophenyl phenyl ether	ND		ug/kg	480	--	2
Bis(2-chloroisopropyl)ether	ND		ug/kg	570	--	2
Bis(2-chloroethoxy)methane	ND		ug/kg	480	--	2
Hexachlorobutadiene	ND		ug/kg	480	--	2
Hexachlorocyclopentadiene	ND		ug/kg	1300	--	2
Hexachloroethane	ND		ug/kg	380	--	2
Isophorone	ND		ug/kg	480	--	2
Naphthalene	ND		ug/kg	480	--	2
Nitrobenzene	ND		ug/kg	480	--	2
NDPA/DPA	ND		ug/kg	380	--	2
n-Nitrosodi-n-propylamine	ND		ug/kg	480	--	2
Bis(2-ethylhexyl)phthalate	ND		ug/kg	480	--	2
Butyl benzyl phthalate	ND		ug/kg	480	--	2
Di-n-butylphthalate	ND		ug/kg	480	--	2
Di-n-octylphthalate	ND		ug/kg	480	--	2
Diethyl phthalate	ND		ug/kg	480	--	2
Dimethyl phthalate	ND		ug/kg	480	--	2
Benzo(a)anthracene	1500		ug/kg	290	--	2
Benzo(a)pyrene	1300		ug/kg	380	--	2
Benzo(b)fluoranthene	1100		ug/kg	290	--	2
Benzo(k)fluoranthene	1200		ug/kg	290	--	2
Chrysene	1600		ug/kg	290	--	2

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212599-04 D
Client ID: S-12L-B006-1.0-1.5 REP
Sample Location: NEW BEDFORD, MA

Date Collected: 07/16/12 08:10
Date Received: 07/16/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	380	--	2
Anthracene	630		ug/kg	290	--	2
Benzo(ghi)perylene	760		ug/kg	380	--	2
Fluorene	ND		ug/kg	480	--	2
Phenanthrene	2800		ug/kg	290	--	2
Dibenzo(a,h)anthracene	ND		ug/kg	290	--	2
Indeno(1,2,3-cd)pyrene	620		ug/kg	380	--	2
Pyrene	2700		ug/kg	290	--	2
Biphenyl	ND		ug/kg	1000	--	2
4-Chloroaniline	ND		ug/kg	480	--	2
2-Nitroaniline	ND		ug/kg	480	--	2
3-Nitroaniline	ND		ug/kg	480	--	2
4-Nitroaniline	ND		ug/kg	480	--	2
Dibenzofuran	ND		ug/kg	480	--	2
2-Methylnaphthalene	ND		ug/kg	570	--	2
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	480	--	2
Acetophenone	ND		ug/kg	480	--	2
2,4,6-Trichlorophenol	ND		ug/kg	290	--	2
p-Chloro-m-cresol	ND		ug/kg	480	--	2
2-Chlorophenol	ND		ug/kg	480	--	2
2,4-Dichlorophenol	ND		ug/kg	480	--	2
2,4-Dimethylphenol	ND		ug/kg	480	--	2
2-Nitrophenol	ND		ug/kg	1000	--	2
4-Nitrophenol	ND		ug/kg	670	--	2
2,4-Dinitrophenol	ND		ug/kg	2300	--	2
4,6-Dinitro-o-cresol	ND		ug/kg	1200	--	2
Pentachlorophenol	ND		ug/kg	380	--	2
Phenol	ND		ug/kg	480	--	2
2-Methylphenol	ND		ug/kg	480	--	2
3-Methylphenol/4-Methylphenol	ND		ug/kg	670	--	2
2,4,5-Trichlorophenol	ND		ug/kg	480	--	2
Carbazole	ND		ug/kg	480	--	2
Atrazine	ND		ug/kg	380	--	2
Benzaldehyde	ND		ug/kg	670	--	2
Caprolactam	ND		ug/kg	480	--	2
2,3,4,6-Tetrachlorophenol	ND		ug/kg	480	--	2

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212599-04 D
Client ID: S-12L-B006-1.0-1.5 REP
Sample Location: NEW BEDFORD, MA

Date Collected: 07/16/12 08:10
Date Received: 07/16/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		25-120
Phenol-d6	61		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	71		0-136
4-Terphenyl-d14	58		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212599-05	Date Collected:	07/16/12 08:10
Client ID:	S-12L-B006-3.0-3.5	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 22:50
Analytical Date:	07/27/12 20:00		
Analyst:	RC		
Percent Solids:	84%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	--	1
Hexachlorobenzene	ND		ug/kg	120	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	--	1
2-Chloronaphthalene	ND		ug/kg	200	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	--	1
2,4-Dinitrotoluene	ND		ug/kg	200	--	1
2,6-Dinitrotoluene	ND		ug/kg	200	--	1
Fluoranthene	ND		ug/kg	120	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	--	1
Hexachlorobutadiene	ND		ug/kg	200	--	1
Hexachlorocyclopentadiene	ND		ug/kg	550	--	1
Hexachloroethane	ND		ug/kg	160	--	1
Isophorone	ND		ug/kg	200	--	1
Naphthalene	ND		ug/kg	200	--	1
Nitrobenzene	ND		ug/kg	200	--	1
NDPA/DPA	ND		ug/kg	160	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	--	1
Butyl benzyl phthalate	ND		ug/kg	200	--	1
Di-n-butylphthalate	ND		ug/kg	200	--	1
Di-n-octylphthalate	ND		ug/kg	200	--	1
Diethyl phthalate	ND		ug/kg	200	--	1
Dimethyl phthalate	ND		ug/kg	200	--	1
Benzo(a)anthracene	ND		ug/kg	120	--	1
Benzo(a)pyrene	ND		ug/kg	160	--	1
Benzo(b)fluoranthene	ND		ug/kg	120	--	1
Benzo(k)fluoranthene	ND		ug/kg	120	--	1
Chrysene	ND		ug/kg	120	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212599-05 Date Collected: 07/16/12 08:10

Client ID: S-12L-B006-3.0-3.5 Date Received: 07/16/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	160	--	1
Anthracene	ND		ug/kg	120	--	1
Benzo(ghi)perylene	ND		ug/kg	160	--	1
Fluorene	ND		ug/kg	200	--	1
Phenanthrene	ND		ug/kg	120	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	--	1
Pyrene	ND		ug/kg	120	--	1
Biphenyl	ND		ug/kg	430	--	1
4-Chloroaniline	ND		ug/kg	200	--	1
2-Nitroaniline	ND		ug/kg	200	--	1
3-Nitroaniline	ND		ug/kg	200	--	1
4-Nitroaniline	ND		ug/kg	200	--	1
Dibenzofuran	ND		ug/kg	200	--	1
2-Methylnaphthalene	ND		ug/kg	240	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	--	1
Acetophenone	ND		ug/kg	200	--	1
2,4,6-Trichlorophenol	ND		ug/kg	120	--	1
p-Chloro-m-cresol	ND		ug/kg	200	--	1
2-Chlorophenol	ND		ug/kg	200	--	1
2,4-Dichlorophenol	ND		ug/kg	200	--	1
2,4-Dimethylphenol	ND		ug/kg	200	--	1
2-Nitrophenol	ND		ug/kg	430	--	1
4-Nitrophenol	ND		ug/kg	270	--	1
2,4-Dinitrophenol	ND		ug/kg	940	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	--	1
Pentachlorophenol	ND		ug/kg	160	--	1
Phenol	ND		ug/kg	200	--	1
2-Methylphenol	ND		ug/kg	200	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	--	1
2,4,5-Trichlorophenol	ND		ug/kg	200	--	1
Carbazole	ND		ug/kg	200	--	1
Atrazine	ND		ug/kg	160	--	1
Benzaldehyde	ND		ug/kg	270	--	1
Caprolactam	ND		ug/kg	200	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212599-05 Date Collected: 07/16/12 08:10

Client ID: S-12L-B006-3.0-3.5 Date Received: 07/16/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	85		0-136
4-Terphenyl-d14	76		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212599-06	Date Collected:	07/16/12 08:25
Client ID:	S-12L-B006-6.5-7.0	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 22:50
Analytical Date:	07/27/12 20:23		
Analyst:	RC		
Percent Solids:	84%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	--	1
Hexachlorobenzene	ND		ug/kg	120	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	--	1
2-Chloronaphthalene	ND		ug/kg	190	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	--	1
2,4-Dinitrotoluene	ND		ug/kg	190	--	1
2,6-Dinitrotoluene	ND		ug/kg	190	--	1
Fluoranthene	ND		ug/kg	120	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	--	1
Hexachlorobutadiene	ND		ug/kg	190	--	1
Hexachlorocyclopentadiene	ND		ug/kg	540	--	1
Hexachloroethane	ND		ug/kg	150	--	1
Isophorone	ND		ug/kg	190	--	1
Naphthalene	ND		ug/kg	190	--	1
Nitrobenzene	ND		ug/kg	190	--	1
NDPA/DPA	ND		ug/kg	150	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	--	1
Butyl benzyl phthalate	ND		ug/kg	190	--	1
Di-n-butylphthalate	ND		ug/kg	190	--	1
Di-n-octylphthalate	ND		ug/kg	190	--	1
Diethyl phthalate	ND		ug/kg	190	--	1
Dimethyl phthalate	ND		ug/kg	190	--	1
Benzo(a)anthracene	ND		ug/kg	120	--	1
Benzo(a)pyrene	ND		ug/kg	150	--	1
Benzo(b)fluoranthene	ND		ug/kg	120	--	1
Benzo(k)fluoranthene	ND		ug/kg	120	--	1
Chrysene	ND		ug/kg	120	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212599-06 Date Collected: 07/16/12 08:25

Client ID: S-12L-B006-6.5-7.0 Date Received: 07/16/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	150	--	1
Anthracene	ND		ug/kg	120	--	1
Benzo(ghi)perylene	ND		ug/kg	150	--	1
Fluorene	ND		ug/kg	190	--	1
Phenanthrene	ND		ug/kg	120	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	--	1
Pyrene	ND		ug/kg	120	--	1
Biphenyl	ND		ug/kg	420	--	1
4-Chloroaniline	ND		ug/kg	190	--	1
2-Nitroaniline	ND		ug/kg	190	--	1
3-Nitroaniline	ND		ug/kg	190	--	1
4-Nitroaniline	ND		ug/kg	190	--	1
Dibenzofuran	ND		ug/kg	190	--	1
2-Methylnaphthalene	ND		ug/kg	230	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	--	1
Acetophenone	ND		ug/kg	190	--	1
2,4,6-Trichlorophenol	ND		ug/kg	120	--	1
p-Chloro-m-cresol	ND		ug/kg	190	--	1
2-Chlorophenol	ND		ug/kg	190	--	1
2,4-Dichlorophenol	ND		ug/kg	190	--	1
2,4-Dimethylphenol	ND		ug/kg	190	--	1
2-Nitrophenol	ND		ug/kg	420	--	1
4-Nitrophenol	ND		ug/kg	270	--	1
2,4-Dinitrophenol	ND		ug/kg	930	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	--	1
Pentachlorophenol	ND		ug/kg	150	--	1
Phenol	ND		ug/kg	190	--	1
2-Methylphenol	ND		ug/kg	190	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	--	1
2,4,5-Trichlorophenol	ND		ug/kg	190	--	1
Carbazole	ND		ug/kg	190	--	1
Atrazine	ND		ug/kg	150	--	1
Benzaldehyde	ND		ug/kg	270	--	1
Caprolactam	ND		ug/kg	190	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212599-06	Date Collected:	07/16/12 08:25
Client ID:	S-12L-B006-6.5-7.0	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	92		25-120
Phenol-d6	100		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	90		30-120
2,4,6-Tribromophenol	106		0-136
4-Terphenyl-d14	94		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212599-07	Date Collected:	07/16/12 08:25
Client ID:	S-12L-B006-8.0-8.5	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 22:50
Analytical Date:	07/27/12 20:47		
Analyst:	RC		
Percent Solids:	86%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	--	1
2-Chloronaphthalene	ND		ug/kg	190	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	--	1
2,4-Dinitrotoluene	ND		ug/kg	190	--	1
2,6-Dinitrotoluene	ND		ug/kg	190	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	--	1
Hexachlorobutadiene	ND		ug/kg	190	--	1
Hexachlorocyclopentadiene	ND		ug/kg	530	--	1
Hexachloroethane	ND		ug/kg	150	--	1
Isophorone	ND		ug/kg	190	--	1
Naphthalene	ND		ug/kg	190	--	1
Nitrobenzene	ND		ug/kg	190	--	1
NDPA/DPA	ND		ug/kg	150	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	--	1
Butyl benzyl phthalate	ND		ug/kg	190	--	1
Di-n-butylphthalate	ND		ug/kg	190	--	1
Di-n-octylphthalate	ND		ug/kg	190	--	1
Diethyl phthalate	ND		ug/kg	190	--	1
Dimethyl phthalate	ND		ug/kg	190	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	150	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212599-07 Date Collected: 07/16/12 08:25

Client ID: S-12L-B006-8.0-8.5 Date Received: 07/16/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	150	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	150	--	1
Fluorene	ND		ug/kg	190	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	420	--	1
4-Chloroaniline	ND		ug/kg	190	--	1
2-Nitroaniline	ND		ug/kg	190	--	1
3-Nitroaniline	ND		ug/kg	190	--	1
4-Nitroaniline	ND		ug/kg	190	--	1
Dibenzofuran	ND		ug/kg	190	--	1
2-Methylnaphthalene	ND		ug/kg	230	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	--	1
Acetophenone	ND		ug/kg	190	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	190	--	1
2-Chlorophenol	ND		ug/kg	190	--	1
2,4-Dichlorophenol	ND		ug/kg	190	--	1
2,4-Dimethylphenol	ND		ug/kg	190	--	1
2-Nitrophenol	ND		ug/kg	420	--	1
4-Nitrophenol	ND		ug/kg	270	--	1
2,4-Dinitrophenol	ND		ug/kg	910	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	--	1
Pentachlorophenol	ND		ug/kg	150	--	1
Phenol	ND		ug/kg	190	--	1
2-Methylphenol	ND		ug/kg	190	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	--	1
2,4,5-Trichlorophenol	ND		ug/kg	190	--	1
Carbazole	ND		ug/kg	190	--	1
Atrazine	ND		ug/kg	150	--	1
Benzaldehyde	ND		ug/kg	270	--	1
Caprolactam	ND		ug/kg	190	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212599-07	Date Collected:	07/16/12 08:25
Client ID:	S-12L-B006-8.0-8.5	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	89		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	99		0-136
4-Terphenyl-d14	86		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212599-08	Date Collected:	07/16/12 08:40
Client ID:	S-12L-B006-10.5-11.0	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 22:50
Analytical Date:	07/27/12 21:10		
Analyst:	RC		
Percent Solids:	82%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	--	1
Hexachlorobenzene	ND		ug/kg	120	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	--	1
2-Chloronaphthalene	ND		ug/kg	200	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	--	1
2,4-Dinitrotoluene	ND		ug/kg	200	--	1
2,6-Dinitrotoluene	ND		ug/kg	200	--	1
Fluoranthene	ND		ug/kg	120	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	--	1
Hexachlorobutadiene	ND		ug/kg	200	--	1
Hexachlorocyclopentadiene	ND		ug/kg	560	--	1
Hexachloroethane	ND		ug/kg	160	--	1
Isophorone	ND		ug/kg	200	--	1
Naphthalene	ND		ug/kg	200	--	1
Nitrobenzene	ND		ug/kg	200	--	1
NDPA/DPA	ND		ug/kg	160	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	--	1
Butyl benzyl phthalate	ND		ug/kg	200	--	1
Di-n-butylphthalate	ND		ug/kg	200	--	1
Di-n-octylphthalate	ND		ug/kg	200	--	1
Diethyl phthalate	ND		ug/kg	200	--	1
Dimethyl phthalate	ND		ug/kg	200	--	1
Benzo(a)anthracene	ND		ug/kg	120	--	1
Benzo(a)pyrene	ND		ug/kg	160	--	1
Benzo(b)fluoranthene	ND		ug/kg	120	--	1
Benzo(k)fluoranthene	ND		ug/kg	120	--	1
Chrysene	ND		ug/kg	120	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212599-08 Date Collected: 07/16/12 08:40

Client ID: S-12L-B006-10.5-11.0 Date Received: 07/16/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	160	--	1
Anthracene	ND		ug/kg	120	--	1
Benzo(ghi)perylene	ND		ug/kg	160	--	1
Fluorene	ND		ug/kg	200	--	1
Phenanthrene	ND		ug/kg	120	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	--	1
Pyrene	ND		ug/kg	120	--	1
Biphenyl	ND		ug/kg	440	--	1
4-Chloroaniline	ND		ug/kg	200	--	1
2-Nitroaniline	ND		ug/kg	200	--	1
3-Nitroaniline	ND		ug/kg	200	--	1
4-Nitroaniline	ND		ug/kg	200	--	1
Dibenzofuran	ND		ug/kg	200	--	1
2-Methylnaphthalene	ND		ug/kg	240	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	--	1
Acetophenone	ND		ug/kg	200	--	1
2,4,6-Trichlorophenol	ND		ug/kg	120	--	1
p-Chloro-m-cresol	ND		ug/kg	200	--	1
2-Chlorophenol	ND		ug/kg	200	--	1
2,4-Dichlorophenol	ND		ug/kg	200	--	1
2,4-Dimethylphenol	ND		ug/kg	200	--	1
2-Nitrophenol	ND		ug/kg	440	--	1
4-Nitrophenol	ND		ug/kg	280	--	1
2,4-Dinitrophenol	ND		ug/kg	960	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	--	1
Pentachlorophenol	ND		ug/kg	160	--	1
Phenol	ND		ug/kg	200	--	1
2-Methylphenol	ND		ug/kg	200	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	--	1
2,4,5-Trichlorophenol	ND		ug/kg	200	--	1
Carbazole	ND		ug/kg	200	--	1
Atrazine	ND		ug/kg	160	--	1
Benzaldehyde	ND		ug/kg	280	--	1
Caprolactam	ND		ug/kg	200	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212599-08 Date Collected: 07/16/12 08:40

Client ID: S-12L-B006-10.5-11.0 Date Received: 07/16/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	92		0-136
4-Terphenyl-d14	82		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212599-09	Date Collected:	07/16/12 08:40
Client ID:	S-12L-B006-13.0-13.5	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 22:50
Analytical Date:	07/27/12 21:34		
Analyst:	RC		
Percent Solids:	91%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	--	1
2-Chloronaphthalene	ND		ug/kg	180	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	--	1
2,4-Dinitrotoluene	ND		ug/kg	180	--	1
2,6-Dinitrotoluene	ND		ug/kg	180	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	--	1
Hexachlorobutadiene	ND		ug/kg	180	--	1
Hexachlorocyclopentadiene	ND		ug/kg	500	--	1
Hexachloroethane	ND		ug/kg	140	--	1
Isophorone	ND		ug/kg	180	--	1
Naphthalene	ND		ug/kg	180	--	1
Nitrobenzene	ND		ug/kg	180	--	1
NDPA/DPA	ND		ug/kg	140	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	--	1
Butyl benzyl phthalate	ND		ug/kg	180	--	1
Di-n-butylphthalate	ND		ug/kg	180	--	1
Di-n-octylphthalate	ND		ug/kg	180	--	1
Diethyl phthalate	ND		ug/kg	180	--	1
Dimethyl phthalate	ND		ug/kg	180	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	140	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212599-09 Date Collected: 07/16/12 08:40

Client ID: S-12L-B006-13.0-13.5 Date Received: 07/16/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	140	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	140	--	1
Fluorene	ND		ug/kg	180	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	390	--	1
4-Chloroaniline	ND		ug/kg	180	--	1
2-Nitroaniline	ND		ug/kg	180	--	1
3-Nitroaniline	ND		ug/kg	180	--	1
4-Nitroaniline	ND		ug/kg	180	--	1
Dibenzofuran	ND		ug/kg	180	--	1
2-Methylnaphthalene	ND		ug/kg	210	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	--	1
Acetophenone	ND		ug/kg	180	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	180	--	1
2-Chlorophenol	ND		ug/kg	180	--	1
2,4-Dichlorophenol	ND		ug/kg	180	--	1
2,4-Dimethylphenol	ND		ug/kg	180	--	1
2-Nitrophenol	ND		ug/kg	390	--	1
4-Nitrophenol	ND		ug/kg	250	--	1
2,4-Dinitrophenol	ND		ug/kg	860	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	--	1
Pentachlorophenol	ND		ug/kg	140	--	1
Phenol	ND		ug/kg	180	--	1
2-Methylphenol	ND		ug/kg	180	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	--	1
2,4,5-Trichlorophenol	ND		ug/kg	180	--	1
Carbazole	ND		ug/kg	180	--	1
Atrazine	ND		ug/kg	140	--	1
Benzaldehyde	ND		ug/kg	250	--	1
Caprolactam	ND		ug/kg	180	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212599-09 Date Collected: 07/16/12 08:40

Client ID: S-12L-B006-13.0-13.5 Date Received: 07/16/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	83		0-136
4-Terphenyl-d14	72		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212599-10	Date Collected:	07/16/12 08:50
Client ID:	S-12L-B006-16.5-17.0	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 22:50
Analytical Date:	07/27/12 21:58		
Analyst:	RC		
Percent Solids:	91%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	--	1
2-Chloronaphthalene	ND		ug/kg	180	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	--	1
2,4-Dinitrotoluene	ND		ug/kg	180	--	1
2,6-Dinitrotoluene	ND		ug/kg	180	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	--	1
Hexachlorobutadiene	ND		ug/kg	180	--	1
Hexachlorocyclopentadiene	ND		ug/kg	500	--	1
Hexachloroethane	ND		ug/kg	140	--	1
Isophorone	ND		ug/kg	180	--	1
Naphthalene	ND		ug/kg	180	--	1
Nitrobenzene	ND		ug/kg	180	--	1
NDPA/DPA	ND		ug/kg	140	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	--	1
Butyl benzyl phthalate	ND		ug/kg	180	--	1
Di-n-butylphthalate	ND		ug/kg	180	--	1
Di-n-octylphthalate	ND		ug/kg	180	--	1
Diethyl phthalate	ND		ug/kg	180	--	1
Dimethyl phthalate	ND		ug/kg	180	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	140	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212599-10 Date Collected: 07/16/12 08:50

Client ID: S-12L-B006-16.5-17.0 Date Received: 07/16/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	140	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	140	--	1
Fluorene	ND		ug/kg	180	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	390	--	1
4-Chloroaniline	ND		ug/kg	180	--	1
2-Nitroaniline	ND		ug/kg	180	--	1
3-Nitroaniline	ND		ug/kg	180	--	1
4-Nitroaniline	ND		ug/kg	180	--	1
Dibenzofuran	ND		ug/kg	180	--	1
2-Methylnaphthalene	ND		ug/kg	210	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	--	1
Acetophenone	ND		ug/kg	180	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	180	--	1
2-Chlorophenol	ND		ug/kg	180	--	1
2,4-Dichlorophenol	ND		ug/kg	180	--	1
2,4-Dimethylphenol	ND		ug/kg	180	--	1
2-Nitrophenol	ND		ug/kg	390	--	1
4-Nitrophenol	ND		ug/kg	250	--	1
2,4-Dinitrophenol	ND		ug/kg	860	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	--	1
Pentachlorophenol	ND		ug/kg	140	--	1
Phenol	ND		ug/kg	180	--	1
2-Methylphenol	ND		ug/kg	180	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	--	1
2,4,5-Trichlorophenol	ND		ug/kg	180	--	1
Carbazole	ND		ug/kg	180	--	1
Atrazine	ND		ug/kg	140	--	1
Benzaldehyde	ND		ug/kg	250	--	1
Caprolactam	ND		ug/kg	180	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212599-10	Date Collected:	07/16/12 08:50
Client ID:	S-12L-B006-16.5-17.0	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	89		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	90		0-136
4-Terphenyl-d14	76		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212599-11	Date Collected:	07/16/12 09:10
Client ID:	S-12L-B006-21.0-21.5	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 22:50
Analytical Date:	07/27/12 22:21		
Analyst:	RC		
Percent Solids:	94%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	--	1
Hexachlorobenzene	ND		ug/kg	100	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	--	1
2-Chloronaphthalene	ND		ug/kg	170	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	--	1
2,4-Dinitrotoluene	ND		ug/kg	170	--	1
2,6-Dinitrotoluene	ND		ug/kg	170	--	1
Fluoranthene	ND		ug/kg	100	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	170	--	1
Hexachlorobutadiene	ND		ug/kg	170	--	1
Hexachlorocyclopentadiene	ND		ug/kg	490	--	1
Hexachloroethane	ND		ug/kg	140	--	1
Isophorone	ND		ug/kg	170	--	1
Naphthalene	ND		ug/kg	170	--	1
Nitrobenzene	ND		ug/kg	170	--	1
NDPA/DPA	ND		ug/kg	140	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	--	1
Butyl benzyl phthalate	ND		ug/kg	170	--	1
Di-n-butylphthalate	ND		ug/kg	170	--	1
Di-n-octylphthalate	ND		ug/kg	170	--	1
Diethyl phthalate	ND		ug/kg	170	--	1
Dimethyl phthalate	ND		ug/kg	170	--	1
Benzo(a)anthracene	ND		ug/kg	100	--	1
Benzo(a)pyrene	ND		ug/kg	140	--	1
Benzo(b)fluoranthene	ND		ug/kg	100	--	1
Benzo(k)fluoranthene	ND		ug/kg	100	--	1
Chrysene	ND		ug/kg	100	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212599-11 Date Collected: 07/16/12 09:10

Client ID: S-12L-B006-21.0-21.5 Date Received: 07/16/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	140	--	1
Anthracene	ND		ug/kg	100	--	1
Benzo(ghi)perylene	ND		ug/kg	140	--	1
Fluorene	ND		ug/kg	170	--	1
Phenanthrene	ND		ug/kg	100	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	--	1
Pyrene	ND		ug/kg	100	--	1
Biphenyl	ND		ug/kg	380	--	1
4-Chloroaniline	ND		ug/kg	170	--	1
2-Nitroaniline	ND		ug/kg	170	--	1
3-Nitroaniline	ND		ug/kg	170	--	1
4-Nitroaniline	ND		ug/kg	170	--	1
Dibenzofuran	ND		ug/kg	170	--	1
2-Methylnaphthalene	ND		ug/kg	210	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	--	1
Acetophenone	ND		ug/kg	170	--	1
2,4,6-Trichlorophenol	ND		ug/kg	100	--	1
p-Chloro-m-cresol	ND		ug/kg	170	--	1
2-Chlorophenol	ND		ug/kg	170	--	1
2,4-Dichlorophenol	ND		ug/kg	170	--	1
2,4-Dimethylphenol	ND		ug/kg	170	--	1
2-Nitrophenol	ND		ug/kg	380	--	1
4-Nitrophenol	ND		ug/kg	240	--	1
2,4-Dinitrophenol	ND		ug/kg	830	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	--	1
Pentachlorophenol	ND		ug/kg	140	--	1
Phenol	ND		ug/kg	170	--	1
2-Methylphenol	ND		ug/kg	170	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	--	1
2,4,5-Trichlorophenol	ND		ug/kg	170	--	1
Carbazole	ND		ug/kg	170	--	1
Atrazine	ND		ug/kg	140	--	1
Benzaldehyde	ND		ug/kg	240	--	1
Caprolactam	ND		ug/kg	170	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212599-11 Date Collected: 07/16/12 09:10

Client ID: S-12L-B006-21.0-21.5 Date Received: 07/16/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	90		0-136
4-Terphenyl-d14	85		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212599-12	Date Collected:	07/16/12 08:45
Client ID:	EB-071612-01	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8270D	Extraction Date:	07/17/12 12:58
Analytical Date:	07/22/12 22:03		
Analyst:	JB		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/l	2.0	--	1
Hexachlorobenzene	ND		ug/l	2.0	--	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	--	1
2-Chloronaphthalene	ND		ug/l	2.0	--	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	--	1
2,4-Dinitrotoluene	ND		ug/l	5.0	--	1
2,6-Dinitrotoluene	ND		ug/l	5.0	--	1
Fluoranthene	ND		ug/l	2.0	--	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	--	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	--	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	--	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	--	1
Hexachlorobutadiene	ND		ug/l	2.0	--	1
Hexachlorocyclopentadiene	ND		ug/l	20	--	1
Hexachloroethane	ND		ug/l	2.0	--	1
Isophorone	ND		ug/l	5.0	--	1
Naphthalene	ND		ug/l	2.0	--	1
Nitrobenzene	ND		ug/l	2.0	--	1
NDPA/DPA	ND		ug/l	2.0	--	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	--	1
Butyl benzyl phthalate	ND		ug/l	5.0	--	1
Di-n-butylphthalate	ND		ug/l	5.0	--	1
Di-n-octylphthalate	ND		ug/l	5.0	--	1
Diethyl phthalate	ND		ug/l	5.0	--	1
Dimethyl phthalate	ND		ug/l	5.0	--	1
Benzo(a)anthracene	ND		ug/l	2.0	--	1
Benzo(a)pyrene	ND		ug/l	2.0	--	1
Benzo(b)fluoranthene	ND		ug/l	2.0	--	1
Benzo(k)fluoranthene	ND		ug/l	2.0	--	1
Chrysene	ND		ug/l	2.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212599-12 Date Collected: 07/16/12 08:45

Client ID: EB-071612-01 Date Received: 07/16/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/l	2.0	--	1
Anthracene	ND		ug/l	2.0	--	1
Benzo(ghi)perylene	ND		ug/l	2.0	--	1
Fluorene	ND		ug/l	2.0	--	1
Phenanthrene	ND		ug/l	2.0	--	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	--	1
Pyrene	ND		ug/l	2.0	--	1
Biphenyl	ND		ug/l	2.0	--	1
4-Chloroaniline	ND		ug/l	5.0	--	1
2-Nitroaniline	ND		ug/l	5.0	--	1
3-Nitroaniline	ND		ug/l	5.0	--	1
4-Nitroaniline	ND		ug/l	5.0	--	1
Dibenzofuran	ND		ug/l	2.0	--	1
2-Methylnaphthalene	ND		ug/l	2.0	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	--	1
Acetophenone	ND		ug/l	5.0	--	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	--	1
p-Chloro-m-cresol	ND		ug/l	2.0	--	1
2-Chlorophenol	ND		ug/l	2.0	--	1
2,4-Dichlorophenol	ND		ug/l	5.0	--	1
2,4-Dimethylphenol	ND		ug/l	5.0	--	1
2-Nitrophenol	ND		ug/l	10	--	1
4-Nitrophenol	ND		ug/l	10	--	1
2,4-Dinitrophenol	ND		ug/l	20	--	1
4,6-Dinitro-o-cresol	ND		ug/l	10	--	1
Pentachlorophenol	ND		ug/l	10	--	1
Phenol	ND		ug/l	5.0	--	1
2-Methylphenol	ND		ug/l	5.0	--	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	--	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	--	1
Carbazole	ND		ug/l	2.0	--	1
Atrazine	ND		ug/l	10	--	1
Benzaldehyde	ND		ug/l	5.0	--	1
Caprolactam	ND		ug/l	10	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212599-12 Date Collected: 07/16/12 08:45

Client ID: EB-071612-01 Date Received: 07/16/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	86		10-120
4-Terphenyl-d14	91		41-149

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212599-13	Date Collected:	07/16/12 09:10
Client ID:	S-12L-B006-23.0-23.5	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 22:50
Analytical Date:	07/27/12 22:45		
Analyst:	RC		
Percent Solids:	89%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	--	1
2-Chloronaphthalene	ND		ug/kg	180	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	--	1
2,4-Dinitrotoluene	ND		ug/kg	180	--	1
2,6-Dinitrotoluene	ND		ug/kg	180	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	--	1
Hexachlorobutadiene	ND		ug/kg	180	--	1
Hexachlorocyclopentadiene	ND		ug/kg	520	--	1
Hexachloroethane	ND		ug/kg	150	--	1
Isophorone	ND		ug/kg	180	--	1
Naphthalene	ND		ug/kg	180	--	1
Nitrobenzene	ND		ug/kg	180	--	1
NDPA/DPA	ND		ug/kg	150	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	--	1
Butyl benzyl phthalate	ND		ug/kg	180	--	1
Di-n-butylphthalate	ND		ug/kg	180	--	1
Di-n-octylphthalate	ND		ug/kg	180	--	1
Diethyl phthalate	ND		ug/kg	180	--	1
Dimethyl phthalate	ND		ug/kg	180	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	150	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212599-13 Date Collected: 07/16/12 09:10

Client ID: S-12L-B006-23.0-23.5 Date Received: 07/16/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	150	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	150	--	1
Fluorene	ND		ug/kg	180	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	400	--	1
4-Chloroaniline	ND		ug/kg	180	--	1
2-Nitroaniline	ND		ug/kg	180	--	1
3-Nitroaniline	ND		ug/kg	180	--	1
4-Nitroaniline	ND		ug/kg	180	--	1
Dibenzofuran	ND		ug/kg	180	--	1
2-Methylnaphthalene	ND		ug/kg	220	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	--	1
Acetophenone	ND		ug/kg	180	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	180	--	1
2-Chlorophenol	ND		ug/kg	180	--	1
2,4-Dichlorophenol	ND		ug/kg	180	--	1
2,4-Dimethylphenol	ND		ug/kg	180	--	1
2-Nitrophenol	ND		ug/kg	400	--	1
4-Nitrophenol	ND		ug/kg	260	--	1
2,4-Dinitrophenol	ND		ug/kg	880	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	--	1
Pentachlorophenol	ND		ug/kg	150	--	1
Phenol	ND		ug/kg	180	--	1
2-Methylphenol	ND		ug/kg	180	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	--	1
2,4,5-Trichlorophenol	ND		ug/kg	180	--	1
Carbazole	ND		ug/kg	180	--	1
Atrazine	ND		ug/kg	150	--	1
Benzaldehyde	ND		ug/kg	260	--	1
Caprolactam	ND		ug/kg	180	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212599-13	Date Collected:	07/16/12 09:10
Client ID:	S-12L-B006-23.0-23.5	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	89		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	98		0-136
4-Terphenyl-d14	82		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212599-14	Date Collected:	07/16/12 09:50
Client ID:	S-12L-B006-27.0-27.5	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 22:50
Analytical Date:	07/27/12 23:08		
Analyst:	RC		
Percent Solids:	91%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	--	1
2-Chloronaphthalene	ND		ug/kg	180	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	--	1
2,4-Dinitrotoluene	ND		ug/kg	180	--	1
2,6-Dinitrotoluene	ND		ug/kg	180	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	--	1
Hexachlorobutadiene	ND		ug/kg	180	--	1
Hexachlorocyclopentadiene	ND		ug/kg	500	--	1
Hexachloroethane	ND		ug/kg	140	--	1
Isophorone	ND		ug/kg	180	--	1
Naphthalene	ND		ug/kg	180	--	1
Nitrobenzene	ND		ug/kg	180	--	1
NDPA/DPA	ND		ug/kg	140	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	--	1
Butyl benzyl phthalate	ND		ug/kg	180	--	1
Di-n-butylphthalate	ND		ug/kg	180	--	1
Di-n-octylphthalate	ND		ug/kg	180	--	1
Diethyl phthalate	ND		ug/kg	180	--	1
Dimethyl phthalate	ND		ug/kg	180	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	140	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212599-14 Date Collected: 07/16/12 09:50

Client ID: S-12L-B006-27.0-27.5 Date Received: 07/16/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	140	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	140	--	1
Fluorene	ND		ug/kg	180	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	390	--	1
4-Chloroaniline	ND		ug/kg	180	--	1
2-Nitroaniline	ND		ug/kg	180	--	1
3-Nitroaniline	ND		ug/kg	180	--	1
4-Nitroaniline	ND		ug/kg	180	--	1
Dibenzofuran	ND		ug/kg	180	--	1
2-Methylnaphthalene	ND		ug/kg	210	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	--	1
Acetophenone	ND		ug/kg	180	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	180	--	1
2-Chlorophenol	ND		ug/kg	180	--	1
2,4-Dichlorophenol	ND		ug/kg	180	--	1
2,4-Dimethylphenol	ND		ug/kg	180	--	1
2-Nitrophenol	ND		ug/kg	390	--	1
4-Nitrophenol	ND		ug/kg	250	--	1
2,4-Dinitrophenol	ND		ug/kg	850	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	--	1
Pentachlorophenol	ND		ug/kg	140	--	1
Phenol	ND		ug/kg	180	--	1
2-Methylphenol	ND		ug/kg	180	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	--	1
2,4,5-Trichlorophenol	ND		ug/kg	180	--	1
Carbazole	ND		ug/kg	180	--	1
Atrazine	ND		ug/kg	140	--	1
Benzaldehyde	ND		ug/kg	250	--	1
Caprolactam	ND		ug/kg	180	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212599-14 Date Collected: 07/16/12 09:50

Client ID: S-12L-B006-27.0-27.5 Date Received: 07/16/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		25-120
Phenol-d6	52		10-120
Nitrobenzene-d5	42		23-120
2-Fluorobiphenyl	47		30-120
2,4,6-Tribromophenol	62		0-136
4-Terphenyl-d14	52		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212599-15	Date Collected:	07/16/12 09:50
Client ID:	S-12L-B006-28.5-29.0	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 22:50
Analytical Date:	07/27/12 23:32		
Analyst:	RC		
Percent Solids:	88%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	--	1
2-Chloronaphthalene	ND		ug/kg	190	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	--	1
2,4-Dinitrotoluene	ND		ug/kg	190	--	1
2,6-Dinitrotoluene	ND		ug/kg	190	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	--	1
Hexachlorobutadiene	ND		ug/kg	190	--	1
Hexachlorocyclopentadiene	ND		ug/kg	520	--	1
Hexachloroethane	ND		ug/kg	150	--	1
Isophorone	ND		ug/kg	190	--	1
Naphthalene	ND		ug/kg	190	--	1
Nitrobenzene	ND		ug/kg	190	--	1
NDPA/DPA	ND		ug/kg	150	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	--	1
Butyl benzyl phthalate	ND		ug/kg	190	--	1
Di-n-butylphthalate	ND		ug/kg	190	--	1
Di-n-octylphthalate	ND		ug/kg	190	--	1
Diethyl phthalate	ND		ug/kg	190	--	1
Dimethyl phthalate	ND		ug/kg	190	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	150	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212599-15 Date Collected: 07/16/12 09:50

Client ID: S-12L-B006-28.5-29.0 Date Received: 07/16/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	150	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	150	--	1
Fluorene	ND		ug/kg	190	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	410	--	1
4-Chloroaniline	ND		ug/kg	190	--	1
2-Nitroaniline	ND		ug/kg	190	--	1
3-Nitroaniline	ND		ug/kg	190	--	1
4-Nitroaniline	ND		ug/kg	190	--	1
Dibenzofuran	ND		ug/kg	190	--	1
2-Methylnaphthalene	ND		ug/kg	220	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	--	1
Acetophenone	ND		ug/kg	190	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	190	--	1
2-Chlorophenol	ND		ug/kg	190	--	1
2,4-Dichlorophenol	ND		ug/kg	190	--	1
2,4-Dimethylphenol	ND		ug/kg	190	--	1
2-Nitrophenol	ND		ug/kg	410	--	1
4-Nitrophenol	ND		ug/kg	260	--	1
2,4-Dinitrophenol	ND		ug/kg	900	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	--	1
Pentachlorophenol	ND		ug/kg	150	--	1
Phenol	ND		ug/kg	190	--	1
2-Methylphenol	ND		ug/kg	190	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	--	1
2,4,5-Trichlorophenol	ND		ug/kg	190	--	1
Carbazole	ND		ug/kg	190	--	1
Atrazine	ND		ug/kg	150	--	1
Benzaldehyde	ND		ug/kg	260	--	1
Caprolactam	ND		ug/kg	190	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212599-15	Date Collected:	07/16/12 09:50
Client ID:	S-12L-B006-28.5-29.0	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	69		0-136
4-Terphenyl-d14	62		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212599-16	Date Collected:	07/16/12 10:10
Client ID:	S-12L-B006-31.0-31.5	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 22:50
Analytical Date:	07/27/12 23:55		
Analyst:	RC		
Percent Solids:	84%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	--	1
Hexachlorobenzene	ND		ug/kg	120	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	--	1
2-Chloronaphthalene	ND		ug/kg	200	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	--	1
2,4-Dinitrotoluene	ND		ug/kg	200	--	1
2,6-Dinitrotoluene	ND		ug/kg	200	--	1
Fluoranthene	ND		ug/kg	120	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	--	1
Hexachlorobutadiene	ND		ug/kg	200	--	1
Hexachlorocyclopentadiene	ND		ug/kg	550	--	1
Hexachloroethane	ND		ug/kg	160	--	1
Isophorone	ND		ug/kg	200	--	1
Naphthalene	ND		ug/kg	200	--	1
Nitrobenzene	ND		ug/kg	200	--	1
NDPA/DPA	ND		ug/kg	160	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	--	1
Butyl benzyl phthalate	ND		ug/kg	200	--	1
Di-n-butylphthalate	ND		ug/kg	200	--	1
Di-n-octylphthalate	ND		ug/kg	200	--	1
Diethyl phthalate	ND		ug/kg	200	--	1
Dimethyl phthalate	ND		ug/kg	200	--	1
Benzo(a)anthracene	ND		ug/kg	120	--	1
Benzo(a)pyrene	ND		ug/kg	160	--	1
Benzo(b)fluoranthene	ND		ug/kg	120	--	1
Benzo(k)fluoranthene	ND		ug/kg	120	--	1
Chrysene	ND		ug/kg	120	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212599-16 Date Collected: 07/16/12 10:10

Client ID: S-12L-B006-31.0-31.5 Date Received: 07/16/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	160	--	1
Anthracene	ND		ug/kg	120	--	1
Benzo(ghi)perylene	ND		ug/kg	160	--	1
Fluorene	ND		ug/kg	200	--	1
Phenanthrene	ND		ug/kg	120	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	--	1
Pyrene	ND		ug/kg	120	--	1
Biphenyl	ND		ug/kg	430	--	1
4-Chloroaniline	ND		ug/kg	200	--	1
2-Nitroaniline	ND		ug/kg	200	--	1
3-Nitroaniline	ND		ug/kg	200	--	1
4-Nitroaniline	ND		ug/kg	200	--	1
Dibenzofuran	ND		ug/kg	200	--	1
2-Methylnaphthalene	ND		ug/kg	230	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	--	1
Acetophenone	ND		ug/kg	200	--	1
2,4,6-Trichlorophenol	ND		ug/kg	120	--	1
p-Chloro-m-cresol	ND		ug/kg	200	--	1
2-Chlorophenol	ND		ug/kg	200	--	1
2,4-Dichlorophenol	ND		ug/kg	200	--	1
2,4-Dimethylphenol	ND		ug/kg	200	--	1
2-Nitrophenol	ND		ug/kg	430	--	1
4-Nitrophenol	ND		ug/kg	270	--	1
2,4-Dinitrophenol	ND		ug/kg	940	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	--	1
Pentachlorophenol	ND		ug/kg	160	--	1
Phenol	ND		ug/kg	200	--	1
2-Methylphenol	ND		ug/kg	200	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	--	1
2,4,5-Trichlorophenol	ND		ug/kg	200	--	1
Carbazole	ND		ug/kg	200	--	1
Atrazine	ND		ug/kg	160	--	1
Benzaldehyde	ND		ug/kg	270	--	1
Caprolactam	ND		ug/kg	200	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212599-16 Date Collected: 07/16/12 10:10

Client ID: S-12L-B006-31.0-31.5 Date Received: 07/16/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	82		0-136
4-Terphenyl-d14	72		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID:	L1212599-17	Date Collected:	07/16/12 09:50
Client ID:	S-12L-B006-26.0-26.5	Date Received:	07/16/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/25/12 22:50
Analytical Date:	07/28/12 00:19		
Analyst:	RC		
Percent Solids:	89%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	--	1
2-Chloronaphthalene	ND		ug/kg	180	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	--	1
2,4-Dinitrotoluene	ND		ug/kg	180	--	1
2,6-Dinitrotoluene	ND		ug/kg	180	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	--	1
Hexachlorobutadiene	ND		ug/kg	180	--	1
Hexachlorocyclopentadiene	ND		ug/kg	520	--	1
Hexachloroethane	ND		ug/kg	150	--	1
Isophorone	ND		ug/kg	180	--	1
Naphthalene	ND		ug/kg	180	--	1
Nitrobenzene	ND		ug/kg	180	--	1
NDPA/DPA	ND		ug/kg	150	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	--	1
Butyl benzyl phthalate	ND		ug/kg	180	--	1
Di-n-butylphthalate	ND		ug/kg	180	--	1
Di-n-octylphthalate	ND		ug/kg	180	--	1
Diethyl phthalate	ND		ug/kg	180	--	1
Dimethyl phthalate	ND		ug/kg	180	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	150	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212599-17 Date Collected: 07/16/12 09:50

Client ID: S-12L-B006-26.0-26.5 Date Received: 07/16/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	150	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	150	--	1
Fluorene	ND		ug/kg	180	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	410	--	1
4-Chloroaniline	ND		ug/kg	180	--	1
2-Nitroaniline	ND		ug/kg	180	--	1
3-Nitroaniline	ND		ug/kg	180	--	1
4-Nitroaniline	ND		ug/kg	180	--	1
Dibenzofuran	ND		ug/kg	180	--	1
2-Methylnaphthalene	ND		ug/kg	220	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	--	1
Acetophenone	ND		ug/kg	180	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	180	--	1
2-Chlorophenol	ND		ug/kg	180	--	1
2,4-Dichlorophenol	ND		ug/kg	180	--	1
2,4-Dimethylphenol	ND		ug/kg	180	--	1
2-Nitrophenol	ND		ug/kg	410	--	1
4-Nitrophenol	ND		ug/kg	260	--	1
2,4-Dinitrophenol	ND		ug/kg	880	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	--	1
Pentachlorophenol	ND		ug/kg	150	--	1
Phenol	ND		ug/kg	180	--	1
2-Methylphenol	ND		ug/kg	180	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	--	1
2,4,5-Trichlorophenol	ND		ug/kg	180	--	1
Carbazole	ND		ug/kg	180	--	1
Atrazine	ND		ug/kg	150	--	1
Benzaldehyde	ND		ug/kg	260	--	1
Caprolactam	ND		ug/kg	180	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

SAMPLE RESULTS

Lab ID: L1212599-17 Date Collected: 07/16/12 09:50

Client ID: S-12L-B006-26.0-26.5 Date Received: 07/16/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	95		25-120
Phenol-d6	103		10-120
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	89		30-120
2,4,6-Tribromophenol	101		0-136
4-Terphenyl-d14	89		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/27/12 14:54
Analyst: RC

Extraction Method: EPA 3540C
Extraction Date: 07/25/12 22:11

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-11,13-17 Batch: WG550901-1					
Acenaphthene	ND		ug/kg	130	--
Hexachlorobenzene	ND		ug/kg	100	--
Bis(2-chloroethyl)ether	ND		ug/kg	160	--
2-Chloronaphthalene	ND		ug/kg	160	--
3,3'-Dichlorobenzidine	ND		ug/kg	160	--
2,4-Dinitrotoluene	ND		ug/kg	160	--
2,6-Dinitrotoluene	ND		ug/kg	160	--
Fluoranthene	ND		ug/kg	100	--
4-Chlorophenyl phenyl ether	ND		ug/kg	160	--
4-Bromophenyl phenyl ether	ND		ug/kg	160	--
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	--
Bis(2-chloroethoxy)methane	ND		ug/kg	160	--
Hexachlorobutadiene	ND		ug/kg	160	--
Hexachlorocyclopentadiene	ND		ug/kg	460	--
Hexachloroethane	ND		ug/kg	130	--
Isophorone	ND		ug/kg	160	--
Naphthalene	ND		ug/kg	160	--
Nitrobenzene	ND		ug/kg	160	--
NDPA/DPA	ND		ug/kg	130	--
n-Nitrosodi-n-propylamine	ND		ug/kg	160	--
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	--
Butyl benzyl phthalate	ND		ug/kg	160	--
Di-n-butylphthalate	ND		ug/kg	160	--
Di-n-octylphthalate	ND		ug/kg	160	--
Diethyl phthalate	ND		ug/kg	160	--
Dimethyl phthalate	ND		ug/kg	160	--
Benzo(a)anthracene	ND		ug/kg	100	--
Benzo(a)pyrene	ND		ug/kg	130	--
Benzo(b)fluoranthene	ND		ug/kg	100	--
Benzo(k)fluoranthene	ND		ug/kg	100	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/27/12 14:54
Analyst: RC

Extraction Method: EPA 3540C
Extraction Date: 07/25/12 22:11

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-11,13-17 Batch: WG550901-1					
Chrysene	ND		ug/kg	100	--
Acenaphthylene	ND		ug/kg	130	--
Anthracene	ND		ug/kg	100	--
Benzo(ghi)perylene	ND		ug/kg	130	--
Fluorene	ND		ug/kg	160	--
Phenanthrene	ND		ug/kg	100	--
Dibenzo(a,h)anthracene	ND		ug/kg	100	--
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	--
Pyrene	ND		ug/kg	100	--
Biphenyl	ND		ug/kg	360	--
4-Chloroaniline	ND		ug/kg	160	--
2-Nitroaniline	ND		ug/kg	160	--
3-Nitroaniline	ND		ug/kg	160	--
4-Nitroaniline	ND		ug/kg	160	--
Dibenzofuran	ND		ug/kg	160	--
2-Methylnaphthalene	ND		ug/kg	200	--
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	--
Acetophenone	ND		ug/kg	160	--
2,4,6-Trichlorophenol	ND		ug/kg	100	--
p-Chloro-m-cresol	ND		ug/kg	160	--
2-Chlorophenol	ND		ug/kg	160	--
2,4-Dichlorophenol	ND		ug/kg	160	--
2,4-Dimethylphenol	ND		ug/kg	160	--
2-Nitrophenol	ND		ug/kg	360	--
4-Nitrophenol	ND		ug/kg	230	--
2,4-Dinitrophenol	ND		ug/kg	800	--
4,6-Dinitro-o-cresol	ND		ug/kg	430	--
Pentachlorophenol	ND		ug/kg	130	--
Phenol	ND		ug/kg	160	--
2-Methylphenol	ND		ug/kg	160	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/27/12 14:54
Analyst: RC

Extraction Method: EPA 3540C
Extraction Date: 07/25/12 22:11

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-11,13-17 Batch: WG550901-1					
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	--
2,4,5-Trichlorophenol	ND		ug/kg	160	--
Carbazole	ND		ug/kg	160	--
Atrazine	ND		ug/kg	130	--
Benzaldehyde	ND		ug/kg	230	--
Caprolactam	ND		ug/kg	160	--
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	105		25-120
Phenol-d6	104		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	96		30-120
2,4,6-Tribromophenol	110		0-136
4-Terphenyl-d14	98		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/22/12 17:00
Analyst: JB

Extraction Method: EPA 3510C
Extraction Date: 07/17/12 12:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 12 Batch: WG551673-1					
Acenaphthene	ND		ug/l	2.0	--
Hexachlorobenzene	ND		ug/l	2.0	--
Bis(2-chloroethyl)ether	ND		ug/l	2.0	--
2-Chloronaphthalene	ND		ug/l	2.0	--
3,3'-Dichlorobenzidine	ND		ug/l	5.0	--
2,4-Dinitrotoluene	ND		ug/l	5.0	--
2,6-Dinitrotoluene	ND		ug/l	5.0	--
Fluoranthene	ND		ug/l	2.0	--
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	--
4-Bromophenyl phenyl ether	ND		ug/l	2.0	--
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	--
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	--
Hexachlorobutadiene	ND		ug/l	2.0	--
Hexachlorocyclopentadiene	ND		ug/l	20	--
Hexachloroethane	ND		ug/l	2.0	--
Isophorone	ND		ug/l	5.0	--
Naphthalene	ND		ug/l	2.0	--
Nitrobenzene	ND		ug/l	2.0	--
NDPA/DPA	ND		ug/l	2.0	--
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	--
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	--
Butyl benzyl phthalate	ND		ug/l	5.0	--
Di-n-butylphthalate	ND		ug/l	5.0	--
Di-n-octylphthalate	ND		ug/l	5.0	--
Diethyl phthalate	ND		ug/l	5.0	--
Dimethyl phthalate	ND		ug/l	5.0	--
Benzo(a)anthracene	ND		ug/l	2.0	--
Benzo(a)pyrene	ND		ug/l	2.0	--
Benzo(b)fluoranthene	ND		ug/l	2.0	--
Benzo(k)fluoranthene	ND		ug/l	2.0	--
Chrysene	ND		ug/l	2.0	--

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212599
Report Date: 08/15/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/22/12 17:00
Analyst: JB

Extraction Method: EPA 3510C
Extraction Date: 07/17/12 12:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 12 Batch: WG551673-1					
Acenaphthylene	ND		ug/l	2.0	--
Anthracene	ND		ug/l	2.0	--
Benzo(ghi)perylene	ND		ug/l	2.0	--
Fluorene	ND		ug/l	2.0	--
Phenanthrene	ND		ug/l	2.0	--
Dibenzo(a,h)anthracene	ND		ug/l	2.0	--
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	--
Pyrene	ND		ug/l	2.0	--
Biphenyl	ND		ug/l	2.0	--
4-Chloroaniline	ND		ug/l	5.0	--
2-Nitroaniline	ND		ug/l	5.0	--
3-Nitroaniline	ND		ug/l	5.0	--
4-Nitroaniline	ND		ug/l	5.0	--
Dibenzofuran	ND		ug/l	2.0	--
2-Methylnaphthalene	ND		ug/l	2.0	--
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	--
Acetophenone	ND		ug/l	5.0	--
2,4,6-Trichlorophenol	ND		ug/l	5.0	--
p-Chloro-m-cresol	ND		ug/l	2.0	--
2-Chlorophenol	ND		ug/l	2.0	--
2,4-Dichlorophenol	ND		ug/l	5.0	--
2,4-Dimethylphenol	ND		ug/l	5.0	--
2-Nitrophenol	ND		ug/l	10	--
4-Nitrophenol	ND		ug/l	10	--
2,4-Dinitrophenol	ND		ug/l	20	--
4,6-Dinitro-o-cresol	ND		ug/l	10	--
Pentachlorophenol	ND		ug/l	10	--
Phenol	ND		ug/l	5.0	--
2-Methylphenol	ND		ug/l	5.0	--
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	--
2,4,5-Trichlorophenol	ND		ug/l	5.0	--

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212599
Report Date: 08/15/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/22/12 17:00
Analyst: JB

Extraction Method: EPA 3510C
Extraction Date: 07/17/12 12:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 12 Batch: WG551673-1					
Carbazole	ND		ug/l	2.0	--
Atrazine	ND		ug/l	10	--
Benzaldehyde	ND		ug/l	5.0	--
Caprolactam	ND		ug/l	10	--
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	89		15-120
2,4,6-Tribromophenol	96		10-120
4-Terphenyl-d14	108		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212599

Report Date: 08/15/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-11,13-17 Batch: WG550901-2 WG550901-3								
Acenaphthene	79		77		31-137	3		50
Hexachlorobenzene	84		84		40-140	0		50
Bis(2-chloroethyl)ether	76		75		40-140	1		50
2-Chloronaphthalene	79		82		40-140	4		50
3,3'-Dichlorobenzidine	59		58		40-140	2		50
2,4-Dinitrotoluene	86		84		28-89	2		50
2,6-Dinitrotoluene	79		89		40-140	12		50
Fluoranthene	83		82		40-140	1		50
4-Chlorophenyl phenyl ether	83		81		40-140	2		50
4-Bromophenyl phenyl ether	86		88		40-140	2		50
Bis(2-chloroisopropyl)ether	73		80		40-140	9		50
Bis(2-chloroethoxy)methane	76		81		40-117	6		50
Hexachlorobutadiene	77		80		40-140	4		50
Hexachlorocyclopentadiene	51		44		40-140	15		50
Hexachloroethane	69		74		40-140	7		50
Isophorone	70		79		40-140	12		50
Naphthalene	73		76		40-140	4		50
Nitrobenzene	76		78		40-140	3		50
NitrosoDiPhenylAmine(NDPA)/DPA	86		83		36-157	4		50
n-Nitrosodi-n-propylamine	73		74		32-121	1		50
Bis(2-Ethylhexyl)phthalate	89		88		40-140	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212599

Report Date: 08/15/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-11,13-17 Batch: WG550901-2 WG550901-3								
Butyl benzyl phthalate	87		87		40-140	0		50
Di-n-butylphthalate	84		84		40-140	0		50
Di-n-octylphthalate	91		91		40-140	0		50
Diethyl phthalate	83		82		40-140	1		50
Dimethyl phthalate	81		82		40-140	1		50
Benzo(a)anthracene	82		83		40-140	1		50
Benzo(a)pyrene	84		83		40-140	1		50
Benzo(b)fluoranthene	85		84		40-140	1		50
Benzo(k)fluoranthene	83		84		40-140	1		50
Chrysene	83		84		40-140	1		50
Acenaphthylene	76		80		40-140	5		50
Anthracene	81		81		40-140	0		50
Benzo(ghi)perylene	82		82		40-140	0		50
Fluorene	79		78		40-140	1		50
Phenanthrene	81		80		40-140	1		50
Dibenzo(a,h)anthracene	84		83		40-140	1		50
Indeno(1,2,3-cd)Pyrene	84		82		40-140	2		50
Pyrene	81		80		35-142	1		50
Biphenyl	71		71		54-104	0		50
4-Chloroaniline	51		58		40-140	13		50
2-Nitroaniline	81		88		47-134	8		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212599

Report Date: 08/15/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-11,13-17 Batch: WG550901-2 WG550901-3								
3-Nitroaniline	62		64		26-129	3		50
4-Nitroaniline	88		81		41-125	8		50
Dibenzofuran	82		81		40-140	1		50
2-Methylnaphthalene	78		79		40-140	1		50
1,2,4,5-Tetrachlorobenzene	71		73		40-117	3		50
Acetophenone	69		71		14-144	3		50
2,4,6-Trichlorophenol	90		89		30-130	1		50
P-Chloro-M-Cresol	88		93		26-103	6		50
2-Chlorophenol	79		81		25-102	3		50
2,4-Dichlorophenol	87		88		30-130	1		50
2,4-Dimethylphenol	82		86		30-130	5		50
2-Nitrophenol	74		79		30-130	7		50
4-Nitrophenol	114		108		11-114	5		50
2,4-Dinitrophenol	64		75		4-130	16		50
4,6-Dinitro-o-cresol	80		72		10-130	11		50
Pentachlorophenol	90		80		17-109	12		50
Phenol	73		79		26-90	8		50
2-Methylphenol	73		79		30-130.	8		50
3-Methylphenol/4-Methylphenol	76		82		30-130	8		50
2,4,5-Trichlorophenol	81		88		30-130	8		50
Carbazole	83		82		54-128	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212599

Report Date: 08/15/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-11,13-17 Batch: WG550901-2 WG550901-3								
Atrazine	82		79		40-140	4		50
Benzaldehyde	79		77		40-140	3		50
Caprolactam	81		78		15-130	4		50
2,3,4,6-Tetrachlorophenol	89		82		40-140	8		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	86		89		25-120
Phenol-d6	88		92		10-120
Nitrobenzene-d5	75		82		23-120
2-Fluorobiphenyl	81		81		30-120
2,4,6-Tribromophenol	91		86		0-136
4-Terphenyl-d14	88		83		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212599

Report Date: 08/15/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 12 Batch: WG551673-2 WG551673-3								
Acenaphthene	74		72		37-111	3		30
Hexachlorobenzene	76		71		40-140	7		30
Bis(2-chloroethyl)ether	79		71		40-140	11		30
2-Chloronaphthalene	76		73		40-140	4		30
3,3'-Dichlorobenzidine	71		79		40-140	11		30
2,4-Dinitrotoluene	89		84		24-96	6		30
2,6-Dinitrotoluene	84		78		40-140	7		30
Fluoranthene	81		80		40-140	1		30
4-Chlorophenyl phenyl ether	78		73		40-140	7		30
4-Bromophenyl phenyl ether	76		71		40-140	7		30
Bis(2-chloroisopropyl)ether	86		76		40-140	12		30
Bis(2-chloroethoxy)methane	78		71		40-140	9		30
Hexachlorobutadiene	62		62		40-140	0		30
Hexachlorocyclopentadiene	46		47		40-140	2		30
Hexachloroethane	63		61		40-140	3		30
Isophorone	78		71		40-140	9		30
Naphthalene	70		67		40-140	4		30
Nitrobenzene	82		76		40-140	8		30
NitrosoDiPhenylAmine(NDPA)/DPA	75		71		40-140	5		30
n-Nitrosodi-n-propylamine	79		70		29-132	12		30
Bis(2-Ethylhexyl)phthalate	100		92		40-140	8		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212599

Report Date: 08/15/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 12 Batch: WG551673-2 WG551673-3								
Butyl benzyl phthalate	92		90		40-140	2		30
Di-n-butylphthalate	92		89		40-140	3		30
Di-n-octylphthalate	108		99		40-140	9		30
Diethyl phthalate	86		80		40-140	7		30
Dimethyl phthalate	81		76		40-140	6		30
Benzo(a)anthracene	84		79		40-140	6		30
Benzo(a)pyrene	84		81		40-140	4		30
Benzo(b)fluoranthene	88		78		40-140	12		30
Benzo(k)fluoranthene	84		86		40-140	2		30
Chrysene	80		78		40-140	3		30
Acenaphthylene	76		70		45-123	8		30
Anthracene	81		79		40-140	3		30
Benzo(ghi)perylene	86		84		40-140	2		30
Fluorene	79		75		40-140	5		30
Phenanthrene	81		79		40-140	3		30
Dibenzo(a,h)anthracene	91		89		40-140	2		30
Indeno(1,2,3-cd)Pyrene	91		89		40-140	2		30
Pyrene	80		79		26-127	1		30
Biphenyl	74		72			3		30
4-Chloroaniline	67		63		40-140	6		30
2-Nitroaniline	84		80		52-143	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212599

Report Date: 08/15/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 12 Batch: WG551673-2 WG551673-3								
3-Nitroaniline	55		66		25-145	18		30
4-Nitroaniline	73		72		51-143	1		30
Dibenzofuran	77		73		40-140	5		30
2-Methylnaphthalene	71		68		40-140	4		30
1,2,4,5-Tetrachlorobenzene	73		69		2-134	6		30
Acetophenone	82		75		39-129	9		30
2,4,6-Trichlorophenol	88		82		30-130	7		30
P-Chloro-M-Cresol	87		80		23-97	8		30
2-Chlorophenol	80		73		27-123	9		30
2,4-Dichlorophenol	84		80		30-130	5		30
2,4-Dimethylphenol	76		68		30-130	11		30
2-Nitrophenol	88		79		30-130	11		30
4-Nitrophenol	54		56		10-80	4		30
2,4-Dinitrophenol	89		90		20-130	1		30
4,6-Dinitro-o-cresol	84		78		20-164	7		30
Pentachlorophenol	78		77		9-103	1		30
Phenol	42		38		12-110	10		30
2-Methylphenol	72		63		30-130	13		30
3-Methylphenol/4-Methylphenol	71		67		30-130	6		30
2,4,5-Trichlorophenol	89		81		30-130	9		30
Carbazole	81		79		55-144	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212599

Report Date: 08/15/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 12 Batch: WG551673-2 WG551673-3								
Atrazine	102		101		40-140	1		30
Benzaldehyde	90		89		40-140	1		30
Caprolactam	30		29		10-130	3		30
2,3,4,6-Tetrachlorophenol	84		78		40-140	7		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	59		54		21-120
Phenol-d6	39		35		10-120
Nitrobenzene-d5	84		76		23-120
2-Fluorobiphenyl	75		71		15-120
2,4,6-Tribromophenol	89		90		10-120
4-Terphenyl-d14	87		85		41-149

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212599
Report Date: 08/15/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-11,13-17 QC Batch ID: WG550901-4 WG550901-5 QC Sample: L1212599-06 Client ID: S-12L-B006-6.5-7.0												
Acenaphthene	ND	1560	1200	77		1200	76		31-137	0		50
Hexachlorobenzene	ND	1560	1300	83		1200	76		40-140	8		50
Bis(2-chloroethyl)ether	ND	1560	1200	77		1100	70		40-140	9		50
2-Chloronaphthalene	ND	1560	1200	77		1200	76		40-140	0		50
3,3'-Dichlorobenzidine	ND	1560	750	48		740	47		40-140	1		50
2,4-Dinitrotoluene	ND	1560	1300	83		1300	83		28-89	0		50
2,6-Dinitrotoluene	ND	1560	1300	83		1300	83		40-140	0		50
Fluoranthene	ND	1560	1200	77		1300	83		40-140	8		50
4-Chlorophenyl phenyl ether	ND	1560	1300	83		1300	83		40-140	0		50
4-Bromophenyl phenyl ether	ND	1560	1300	83		1300	83		40-140	0		50
Bis(2-chloroisopropyl)ether	ND	1560	1200	77		1200	76		40-140	0		50
Bis(2-chloroethoxy)methane	ND	1560	1200	77		1200	76		40-117	0		50
Hexachlorobutadiene	ND	1560	1200	77		1200	76		40-140	0		50
Hexachlorocyclopentadiene	ND	1560	720	46		730	46		40-140	1		50
Hexachloroethane	ND	1560	1100	70		1200	76		40-140	9		50
Isophorone	ND	1560	1200	77		1100	70		40-140	9		50
Naphthalene	ND	1560	1100	70		1200	76		40-140	9		50
Nitrobenzene	ND	1560	1100	70		1200	76		40-140	9		50
NitrosoDiPhenylAmine(NDPA)/DPA	ND	1560	1300	83		1300	83		36-157	0		50
n-Nitrosodi-n-propylamine	ND	1560	1200	77		1100	70		32-121	9		50
Bis(2-Ethylhexyl)phthalate	ND	1560	1300	83		1400	89		40-140	7		50

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212599
Report Date: 08/15/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-11,13-17 QC Batch ID: WG550901-4 WG550901-5 QC Sample: L1212599-06 Client ID: S-12L-B006-6.5-7.0												
Butyl benzyl phthalate	ND	1560	1300	83		1300	83		40-140	0		50
Di-n-butylphthalate	ND	1560	1300	83		1400	89		40-140	7		50
Di-n-octylphthalate	ND	1560	1400	89		1400	89		40-140	0		50
Diethyl phthalate	ND	1560	1200	77		1200	76		40-140	0		50
Dimethyl phthalate	ND	1560	1200	77		1200	76		40-140	0		50
Benzo(a)anthracene	ND	1560	1200	77		1300	83		40-140	8		50
Benzo(a)pyrene	ND	1560	1300	83		1300	83		40-140	0		50
Benzo(b)fluoranthene	ND	1560	1200	77		1300	83		40-140	8		50
Benzo(k)fluoranthene	ND	1560	1200	77		1300	83		40-140	8		50
Chrysene	ND	1560	1200	77		1300	83		40-140	8		50
Acenaphthylene	ND	1560	1200	77		1200	76		40-140	0		50
Anthracene	ND	1560	1200	77		1300	83		40-140	8		50
Benzo(ghi)perylene	ND	1560	1200	77		1400	89		40-140	15		50
Fluorene	ND	1560	1200	77		1200	76		40-140	0		50
Phenanthrene	ND	1560	1200	77		1300	83		40-140	8		50
Dibenzo(a,h)anthracene	ND	1560	1300	83		1400	89		40-140	7		50
Indeno(1,2,3-cd)Pyrene	ND	1560	1300	83		1400	89		40-140	7		50
Pyrene	ND	1560	1200	77		1300	83		35-142	8		50
Biphenyl	ND	1560	1000	64		1100	70		54-104	10		50
4-Chloroaniline	ND	1560	850	54		870	55		40-140	2		50
2-Nitroaniline	ND	1560	1300	83		1300	83		47-134	0		50

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212599
Report Date: 08/15/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-11,13-17 QC Batch ID: WG550901-4 WG550901-5 QC Sample: L1212599-06 Client ID: S-12L-B006-6.5-7.0												
3-Nitroaniline	ND	1560	920	59		950	60		26-129	3		50
4-Nitroaniline	ND	1560	1300	83		1300	83		41-125	0		50
Dibenzofuran	ND	1560	1200	77		1200	76		40-140	0		50
2-Methylnaphthalene	ND	1560	1100	70		1100	70		40-140	0		50
1,2,4,5-Tetrachlorobenzene	ND	1560	1000	64		1100	70		40-117	10		50
Acetophenone	ND	1560	1200	77		1000	63		14-144	18		50
2,4,6-Trichlorophenol	ND	1560	1400	89		1400	89		30-130	0		50
P-Chloro-M-Cresol	ND	1560	1400	89		1400	89		26-103	0		50
2-Chlorophenol	ND	1560	1200	77		1200	76		25-102	0		50
2,4-Dichlorophenol	ND	1560	1300	83		1300	83		30-130	0		50
2,4-Dimethylphenol	ND	1560	1500	96		1200	76		30-130	22		50
2-Nitrophenol	ND	1560	1300	83		1200	76		30-130	8		50
4-Nitrophenol	ND	1560	1600	100		1700	110		11-114	6		50
2,4-Dinitrophenol	ND	1560	960	61		980	62		4-130	2		50
4,6-Dinitro-o-cresol	ND	1560	1200	77		1200	76		10-130	0		50
Pentachlorophenol	ND	1560	1200	77		1200	76		17-109	0		50
Phenol	ND	1560	1200	77		1200	76		26-90	0		50
2-Methylphenol	ND	1560	1300	83		1100	70		30-130.	17		50
3-Methylphenol/4-Methylphenol	ND	1560	1400	89		1200	76		30-130	15		50
2,4,5-Trichlorophenol	ND	1560	1300	83		1300	83		30-130	0		50
Carbazole	ND	1560	1300	83		1400	89		54-128	7		50

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212599
Report Date: 08/15/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-11,13-17 QC Batch ID: WG550901-4 WG550901-5 QC Sample: L1212599-06 Client ID: S-12L-B006-6.5-7.0												
Atrazine	ND	1560	1200	77		1200	76		40-140	0		50
Benzaldehyde	ND	1560	1300	83		1200	76		40-140	8		50
Caprolactam	ND	1560	1200	77		1200	76		15-130	0		50
2,3,4,6-Tetrachlorophenol	ND	1560	1200	77		1300	83		40-140	8		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	90		93		0-136
2-Fluorobiphenyl	79		80		30-120
2-Fluorophenol	92		82		25-120
4-Terphenyl-d14	85		84		18-120
Nitrobenzene-d5	82		76		23-120
Phenol-d6	92		85		10-120

INORGANICS
&
MISCELLANEOUS

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212599
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212599-02
Client ID: S-12L-B006-0.0-0.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/16/12 08:10
Date Received: 07/16/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	43		%	0.10	NA	1	-	07/16/12 22:05	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212599
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212599-03
Client ID: S-12L-B006-1.0-1.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/16/12 08:10
Date Received: 07/16/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	67		%	0.10	NA	1	-	07/16/12 22:05	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212599
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212599-04
Client ID: S-12L-B006-1.0-1.5 REP
Sample Location: NEW BEDFORD, MA
Matrix: Sediment
Date Collected: 07/16/12 08:10
Date Received: 07/16/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	69		%	0.10	NA	1	-	07/16/12 22:05	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212599
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212599-05
Client ID: S-12L-B006-3.0-3.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/16/12 08:10
Date Received: 07/16/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84		%	0.10	NA	1	-	07/16/12 22:05	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212599
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212599-06
Client ID: S-12L-B006-6.5-7.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/16/12 08:25
Date Received: 07/16/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84		%	0.10	NA	1	-	07/16/12 22:05	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212599
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212599-07
Client ID: S-12L-B006-8.0-8.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/16/12 08:25
Date Received: 07/16/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86		%	0.10	NA	1	-	07/16/12 22:05	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212599
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212599-08
Client ID: S-12L-B006-10.5-11.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/16/12 08:40
Date Received: 07/16/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82		%	0.10	NA	1	-	07/16/12 22:05	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212599
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212599-09
Client ID: S-12L-B006-13.0-13.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment
Date Collected: 07/16/12 08:40
Date Received: 07/16/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91		%	0.10	NA	1	-	07/16/12 22:05	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212599
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212599-10
Client ID: S-12L-B006-16.5-17.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/16/12 08:50
Date Received: 07/16/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91		%	0.10	NA	1	-	07/16/12 22:05	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212599
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212599-11
Client ID: S-12L-B006-21.0-21.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/16/12 09:10
Date Received: 07/16/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94		%	0.10	NA	1	-	07/16/12 22:05	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212599
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212599-13
Client ID: S-12L-B006-23.0-23.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/16/12 09:10
Date Received: 07/16/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89		%	0.10	NA	1	-	07/16/12 22:05	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212599
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212599-14
Client ID: S-12L-B006-27.0-27.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment
Date Collected: 07/16/12 09:50
Date Received: 07/16/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91		%	0.10	NA	1	-	07/16/12 22:05	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212599
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212599-15
Client ID: S-12L-B006-28.5-29.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/16/12 09:50
Date Received: 07/16/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88		%	0.10	NA	1	-	07/16/12 22:05	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212599
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212599-16
Client ID: S-12L-B006-31.0-31.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/16/12 10:10
Date Received: 07/16/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84		%	0.10	NA	1	-	07/16/12 22:05	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212599
Report Date: 08/15/12

SAMPLE RESULTS

Lab ID: L1212599-17
Client ID: S-12L-B006-26.0-26.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/16/12 09:50
Date Received: 07/16/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89		%	0.10	NA	1	-	07/20/12 15:05	30,2540G	RD

Lab Duplicate Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212599
Report Date: 08/15/12

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 02-11,13-16 QC Batch ID: WG551357-1 QC Sample: L1212599-02 Client ID: S-12L-B006-0.0-0.5						
Solids, Total	43	36	%	18		20
General Chemistry - Westborough Lab Associated sample(s): 17 QC Batch ID: WG551406-1 QC Sample: L1211732-57 Client ID: DUP Sample						
Solids, Total	97	97	%	0		20

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212599
Report Date: 08/15/12

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 07/16/2012 20:05

Cooler Information Custody Seal

Cooler	
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1212599-01B	Vial water preserved	B	N/A	6	Y	Absent	8260HLW-WHG(14)
L1212599-01C	Vial water preserved	B	N/A	6	Y	Absent	8260HLW-WHG(14)
L1212599-02A	Amber 250ml unpreserved	C	N/A	6	Y	Absent	8270TCL(14)
L1212599-02B	Vial water preserved	B	N/A	6	Y	Absent	HOLD-8260HLW(14)
L1212599-02C	Vial water preserved	B	N/A	6	Y	Absent	HOLD-8260HLW(14)
L1212599-02M	Amber 250ml unpreserved	C	N/A	6	Y	Absent	HOLD-CONTINGENCY(14)
L1212599-03A	Amber 250ml unpreserved	C	N/A	6	Y	Absent	8270TCL(14)
L1212599-03B	Vial water preserved	B	N/A	6	Y	Absent	HOLD-8260HLW(14)
L1212599-03C	Vial water preserved	B	N/A	6	Y	Absent	HOLD-8260HLW(14)
L1212599-03M	Amber 250ml unpreserved	C	N/A	6	Y	Absent	HOLD-CONTINGENCY(14)
L1212599-04A	Amber 250ml unpreserved	C	N/A	6	Y	Absent	8270TCL(14)
L1212599-04B	Vial water preserved	B	N/A	6	Y	Absent	HOLD-8260HLW(14)
L1212599-04C	Vial water preserved	B	N/A	6	Y	Absent	HOLD-8260HLW(14)
L1212599-04M	Amber 250ml unpreserved	C	N/A	6	Y	Absent	HOLD-CONTINGENCY(14)
L1212599-05A	Amber 250ml unpreserved	C	N/A	6	Y	Absent	8270TCL(14)
L1212599-05B	Vial water preserved	B	N/A	6	Y	Absent	HOLD-8260HLW(14)
L1212599-05C	Vial water preserved	B	N/A	6	Y	Absent	HOLD-8260HLW(14)
L1212599-05M	Amber 250ml unpreserved	C	N/A	6	Y	Absent	HOLD-CONTINGENCY(14)
L1212599-06A	Amber 250ml unpreserved	C	N/A	6	Y	Absent	8270TCL(14)
L1212599-06B	Vial water preserved	B	N/A	6	Y	Absent	HOLD-8260HLW(14)
L1212599-06C	Vial water preserved	B	N/A	6	Y	Absent	HOLD-8260HLW(14)
L1212599-06D	Vial water preserved	B	N/A	6	Y	Absent	HOLD-8260HLW(14)
L1212599-06E	Vial water preserved	B	N/A	6	Y	Absent	HOLD-8260HLW(14)
L1212599-06F	Amber 250ml unpreserved	C	N/A	6	Y	Absent	8270TCL(14)

(*) Values in parentheses indicate holding time in days

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212599
Report Date: 08/15/12

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1212599-06M	Amber 250ml unpreserved	C	N/A	6	Y	Absent	HOLD-CONTINGENCY(14)
L1212599-06N	Amber 250ml unpreserved	C	N/A	6	Y	Absent	HOLD-CONTINGENCY(14)
L1212599-07A	Amber 250ml unpreserved	C	N/A	6	Y	Absent	8270TCL(14)
L1212599-07B	Vial water preserved	B	N/A	6	Y	Absent	HOLD-8260HLW(14)
L1212599-07C	Vial water preserved	B	N/A	6	Y	Absent	HOLD-8260HLW(14)
L1212599-07M	Amber 250ml unpreserved	C	N/A	6	Y	Absent	HOLD-CONTINGENCY(14)
L1212599-08A	Amber 250ml unpreserved	C	N/A	6	Y	Absent	8270TCL(14)
L1212599-08B	Vial water preserved	B	N/A	6	Y	Absent	HOLD-8260HLW(14)
L1212599-08C	Vial water preserved	B	N/A	6	Y	Absent	HOLD-8260HLW(14)
L1212599-08M	Amber 250ml unpreserved	C	N/A	6	Y	Absent	HOLD-CONTINGENCY(14)
L1212599-09A	Amber 250ml unpreserved	C	N/A	6	Y	Absent	8270TCL(14)
L1212599-09B	Vial water preserved	B	N/A	6	Y	Absent	HOLD-8260HLW(14)
L1212599-09C	Vial water preserved	B	N/A	6	Y	Absent	HOLD-8260HLW(14)
L1212599-09M	Amber 250ml unpreserved	C	N/A	6	Y	Absent	HOLD-CONTINGENCY(14)
L1212599-10A	Amber 250ml unpreserved	C	N/A	6	Y	Absent	8270TCL(14)
L1212599-10B	Vial water preserved	B	N/A	6	Y	Absent	8260HLW-WHG(14)
L1212599-10C	Vial water preserved	B	N/A	6	Y	Absent	8260HLW-WHG(14)
L1212599-10M	Amber 250ml unpreserved	C	N/A	6	Y	Absent	HOLD-CONTINGENCY(14)
L1212599-11A	Amber 250ml unpreserved	C	N/A	6	Y	Absent	8270TCL(14)
L1212599-11B	Vial water preserved	B	N/A	6	Y	Absent	HOLD-8260HLW(14)
L1212599-11C	Vial water preserved	B	N/A	6	Y	Absent	HOLD-8260HLW(14)
L1212599-11M	Amber 250ml unpreserved	C	N/A	6	Y	Absent	HOLD-CONTINGENCY(14)
L1212599-12A	Amber 1000ml unpreserved	A	7	5	Y	Absent	8270TCL(7)
L1212599-12B	Amber 1000ml unpreserved	A	7	5	Y	Absent	8270TCL(7)
L1212599-13A	Amber 250ml unpreserved	C	N/A	6	Y	Absent	8270TCL(14)
L1212599-13B	Vial water preserved	B	N/A	6	Y	Absent	HOLD-8260HLW(14)
L1212599-13C	Vial water preserved	B	N/A	6	Y	Absent	HOLD-8260HLW(14)
L1212599-13M	Amber 250ml unpreserved	C	N/A	6	Y	Absent	HOLD-CONTINGENCY(14)
L1212599-14A	Amber 250ml unpreserved	C	N/A	6	Y	Absent	8270TCL(14)
L1212599-14B	Vial water preserved	B	N/A	6	Y	Absent	HOLD-8260HLW(14)
L1212599-14C	Vial water preserved	B	N/A	6	Y	Absent	HOLD-8260HLW(14)
L1212599-14M	Amber 250ml unpreserved	C	N/A	6	Y	Absent	HOLD-CONTINGENCY(14)
L1212599-15A	Amber 250ml unpreserved	B	N/A	6	Y	Absent	8270TCL(14)
L1212599-15B	Vial water preserved	B	N/A	6	Y	Absent	8260HLW-WHG(14)
L1212599-15C	Vial water preserved	B	N/A	6	Y	Absent	8260HLW-WHG(14)
L1212599-15M	Amber 250ml unpreserved	B	N/A	6	Y	Absent	HOLD-CONTINGENCY(14)

(*) Values in parentheses indicate holding time in days

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212599
Report Date: 08/15/12

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1212599-16A	Amber 250ml unpreserved	B	N/A	6	Y	Absent	8270TCL(14)
L1212599-16B	Vial water preserved	B	N/A	6	Y	Absent	8260HLW-WHG(14)
L1212599-16C	Vial water preserved	B	N/A	6	Y	Absent	8260HLW-WHG(14)
L1212599-16M	Amber 250ml unpreserved	B	N/A	6	Y	Absent	HOLD-CONTINGENCY(14)
L1212599-17A	Vial water preserved	B	N/A	6	Y	Absent	8260HLW-WHG(14)
L1212599-17B	Vial water preserved	B	N/A	6	Y	Absent	8260HLW-WHG(14)
L1212599-17C	Amber 250ml unpreserved	C	N/A	6	Y	Absent	8270TCL(14)
L1212599-17M	Amber 250ml unpreserved	C	N/A	6	Y	Absent	HOLD-CONTINGENCY(14)

(*) Values in parentheses indicate holding time in days

Project Name:	NEW BEDFORD AEROVOX	**Lab Number:**	L1212599
Project Number:	TO-0010-05	**Report Date:**	08/15/12

GLOSSARY

Acronyms

EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than five times (5x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit.
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
D	- Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
E	- Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
G	- The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
H	- The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
I	- The RPD between the results for the two columns exceeds the method-specified criteria; however, the lower value has been reported due to obvious interference.
M	- Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
NJ	- Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

Report Format: Data Usability Report

Project Name:	NEW BEDFORD AEROVOX	**Lab Number:**	L1212599
Project Number:	TO-0010-05	**Report Date:**	08/15/12

Data Qualifiers

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the reporting limit (RL) for the sample.

Report Format: Data Usability Report

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212599

Project Number: TO-0010-05 **Report Date:** 08/15/12

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certificate/Approval Program Summary

Last revised August 3, 2012 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0574. ***NELAP Accredited Solid Waste/Soil.***

Drinking Water (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Nickel, Selenium, Silver, Sodium, Thallium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP) 504.1, Ethylene Dibromide (EDB) 504.1, 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223, Enumeration and P/A), E. Coli. – Colilert (SM9223, Enumeration and P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform-EC Medium (SM 9221E).

Wastewater/Non-Potable Water (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), E. Coli – Colilert (SM9223 Enumeration), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E), Enterococcus - Enterolert.

Solid Waste/Soil (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Dalapon, Volatile Organics (SW 8260), Acid Extractables (Phenols) (SW 8270), Benzidines (SW 8270), Phthalates (SW 8270), Nitrosamines (SW 8270), Nitroaromatics & Cyclic Ketones (SW 8270), PAHs (SW 8270), Haloethers (SW 8270), Chlorinated Hydrocarbons (SW 8270).)

Maine Department of Human Services Certificate/Lab ID: 2009024.
Drinking Water (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 353.2, SM2130B, 2320B, 2540C, 4500Cl-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 350.1, 351.1, 353.2, 410.4, 420.1, SM2320B, 2510B, 2540C, 2540D, 426C, 4500Cl-D, 4500Cl-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-B, 4500Norg-C, 4500NH3-B, 4500NH3-G, 4500NO3-F, 4500P-B, 4500P-E, 5210B, 5220D, 5310C, 9010B, 9040B, 9030B, 7470A, 7196A, 2340B, EPA 200.7, 6010B, 200.8, 6020, 245.1, 1311, 1312, 3005A, Enterolert, 9223D, 9222D. Organic Parameters: 608, 624, 625, 8081A, 8082, 8330, 8151A, 8260B, 8270C, 3510C, 3630C, 5030B, ME-DRO, ME-GRO, MA-EPH, MA-VPH.)

Solid Waste/Soil (Inorganic Parameters: 9010B, 9012A, 9014A, 9030B, 9040B, 9045C, 6010B, 7471A, 7196A, 9050A, 1010, 1030, 9065, 1311, 1312, 3005A, 3050B. Organic Parameters: ME-DRO, ME-GRO, MA-EPH, MA-VPH, 8260B, 8270C, 8330, 8151A, 8081A, 8082, 3540C, 3546, 3580A, 3630C, 5030B, 5035.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.
*Drinking Water (*Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl) (EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate); (EPA 353.2 for: Nitrate-N, Nitrite-N); (SM4500NO3-F for: Nitrate-N and Nitrite-N); 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, 2320B, SM2540C, SM4500H-B. Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics); (504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), EPA 332. Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; ColilertQT SM9223B; MF-SM9222D.)

Non-Potable Water (Inorganic Parameters:, (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn); (EPA 200.7

for: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn); 245.1, SM4500H,B, EPA 120.1, SM2510B, 2540C, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.
Organic Parameters: (EPA 624 for Volatile Halocarbons, Volatile Aromatics),(608 for: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT,Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs-Water), (EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables), 600/4-81-045-PCB-Oil. Microbiology Parameters: (ColilertQT SM9223B; Enterolert-QT: SM9222D-MF.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM 9222B, 9223B, 9215B, EPA 200.7, 200.8, 300.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 332.0. Organic Parameters: 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM9222D, 9221B, 9222B, 9221E-EC, EPA 3005A, 200.7, 200.8, 245.1, SW-846 6010B, 6010C, 6020, 6020A, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 350.2, 351.1, 353.2, 410.4, 420.1, 426C, 1664A, SW-846 9010B, 9030B, 9040B, SM2120B, 2310B, 2320B, 2540B, 2540D, 4500H+B, 4500CL-E, 4500CN-E, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500P-E, 4500-S2-D, 5210B, 5220D, 2510B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D, 3060A. Organic Parameters: SW-846 3510C, 3630C, 5030B, 8260B, 8270C, 8270D, 8330, EPA 624, 625, 608, SW-846 8082, 8082A, 8081A, 8081B, 8151A, 8330, 8270C-SIM, 8270D-SIM.)

Solid & Chemical Materials (Inorganic Parameters: SW-846 6010B, 6010C, 7196A, 7471A, 1010, 1030, 9010, 9012A, 9014, 9030B, 9040B, 9045C, 9050, 9065,1311, 1312, 3005A, 3050B, 3060A. Organic Parameters: SW-846 3540C, 3546, 3050B, 3580A, 3630C, 5030B, 5035, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330, 8151A, 8015B, 8015C, 8082, 8082A, 8081A, 8081B.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9222B, 9221E, 9223B, 9215B, 4500CN-CE, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 200.8, 245.1, 2540C, SM2120B, 2320B, 2510B, 5310C, SM4500H-B. Organic Parameters: EPA 332, 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM5210B, EPA 410.4, SM5220D, 4500Cl-E, EPA 300.0, SM2120B, 2340B, SM4500F-BC, EPA 200.7, 200.8, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310B, C or D, 4500-PE, EPA 420.1, SM510ABC, SM4500P-B5+E, 2540B, 2540C, 2540D, 2540G, EPA 120.1, SM2510B, SM2520B, SM15 426C, 9222D, 9221B, 9221C, 9221E, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, EPA 350.1, 350.2, SW-846 1312, 7470A, 5540C, SM4500H-B, 4500SO3-B, SM3500Cr-D, 4500CN-CE, EPA 245.1, SW-846 9040B, 3005A, 3015, EPA 6010B, 6010C, 6020, 6020A, 7196A, 3060A, SW-846 9010B, 9030B. Organic Parameters: SW-846 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3510C, EPA 608, 624, 625, SW-846 3630C, 5030B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 1,4-Dioxane by NJ Modified 8270, 8015B, NJ EPH.)

Solid & Chemical Materials (Inorganic Parameters: SW-846, 6010B, 6010C, 6020, 6020A, 7196A, 3060A, 9010B, 9030B, 1010, 1030, 1311, 1312, 3005A, 3050B, 7471A, 7471B, 9014, 9012A, 9040B, 9040C, 9045C, 9045D, 9050A, 9065, 9251. Organic Parameters: SW-846 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3540C, 3546, 3580A, 3630C, 5030B, 5035L, 5035H, NJ OQA-QAM-025 Rev.7, NJ EPH.)

New York Department of Health Certificate/Lab ID: 11148. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.2, SM5310C, EPA 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500NO3-F, 2540C, SM 2510B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, 5310C, EPA 410.4, SM5220D, 2310B-4a, 2320B, EPA 200.7, 300.0, SM4500CL-E, 4500F-C, SM15 426C, EPA 350.1, SM4500NH3-BH, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010B, 6010C, 6020, 6020A, EPA 7196A, SM3500Cr-D, EPA 245.1, 245.2, 7470A, SM2120B, LACHAT 10-204-00-1-A, 4500CN-CE, EPA 1664A, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 3005A, 3015, 9010B, 9030B. Organic Parameters: EPA 624, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 625, 608, 8081A, 8081B, 8151A, 8330, 8082, 8082A, EPA 3510C, 5030B.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010, 1030, EPA 6010B, 6010C, 7196A, 7471A, 7471B, 9012A, 9014, 9065, 9050A, EPA 1311, 1312, 3005A, 3050B, 9010B, 9040C, 9045D. Organic Parameters: EPA 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8015B, 8015C, 8081A, 8081B, 8151A, 8330, 8082 8082A, 3540C, 3546, 3580, 3580A, 5030B, 5035H, 5035L.)

North Carolina Department of the Environment and Natural Resources Certificate/Lab ID : 666. (Inorganic Parameters: SM2310B, 2320B, 4500Cl-E, 4500Cn-E, 9014, Lachat 10-204-00-1-X, 1010A, 1030, 4500NO3-F, 353.2, 4500P-E, 4500SO4-E, 300.0, 4500S-D, 5310B, 5310C, 6010C, 6020A, 200.7, 200.8, 3500Cr-B, 7196A, 245.1, 7471A, 7471B, 1311,1312. Organic Parameters: 608, 8081B, 8082A, 624, 8260B, 625, 8270D, 8151A, 8015C, 504.1, MA-EPH, MA-VPH.)

Drinking Water Program Certificate/Lab ID: 25700. (Inorganic Parameters: Chloride EPA 300.0. Organic Parameters: 524.2)

Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: 200.7, 200.8, 245.2, 300.0, 332.0, 2120B, 2320B, 2510B, 2540C, 4500-CN-CE, 4500F-C, 4500H+-B, 4500NO3-F, 5310C. Organic Parameters: EPA 524.2, 504.1)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1312, 3005A,3015, 3060A, 200.7, 200.8, 410.4, 1664A, SM2540D, 5210B, 5220D, 4500-P,BE, 245.1, 300.0, 3501., 350.2, 353.2, 420.1, 6010B, 6010C, 6020, 6020A, 7196A, 7470A, 9010B, 9030B, 9040B, Lachat 10-107-06-2-D, NJ-EPH, 2120B, 2310B, 2320B, 2340B, 2510C, 2540B, 2540C, 3500Cr-D, 436C, 4500CN-CE, 4500Cl-E, 4500F-B, 4500F-C, 4500H+-B, 4500NO2-B, 4500NO3-F, 4500S-D, 4500SO3-B, 5310BCD, 5540C. Organic Parameters: EPA 3510C, 3630C, 5030B, 625, 624, 608, 8081A, 8081B, 8082, 8082A, 8151A, 8260B, 8270C, 8270D, 8330, 8015B,)

Solid & Hazardous Waste (Inorganic Parameters: EPA 350.1, 1010, 1030, 1311, 1312, 3005A, 3050B, 3060A, 6010B, 6010C, 6020A, 7196A, 7471A, 7471B, 9010B, 9012A, 9014, 9040B, 9045C, 9050, 9065, SM 4500NH3-BH, 9030B, 9038, 9251. Organic Parameters: 3540C, 3546, 3580A, 3630C, 5035, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330, NJ-EPH.)

Rhode Island Department of Health Certificate/Lab ID: LAO00065. ***NELAP Accredited via NJ-DEP.***
Refer to MA-DEP Certificate for Potable and Non-Potable Water.
Refer to NJ-DEP Certificate for Potable and Non-Potable Water.

Texas Commisson on Environmental Quality Certificate/Lab ID: T104704476-09-1. ***NELAP Accredited.***
Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 $S2^{-}$D, 510C, 5210B, 5220D, 5310C, 5540C. Organic Parameters: EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

Virginia Division of Consolidated Laboratory Services Certificate/Lab ID: 460195. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: EPA 200.7, 200.8, 300.0, 2510B, 2120B, 2540C, 4500CN-CE, 245.2, 2320B, 4500F-C, 4500F-C, 4500NO3-F, 5310C. Organic Parameters: EPA 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 200.7, 2..08, 245.1, 300.0, 3005A, 3015, 1312, 6010B, 6010C, 3060A, 353.2, 420.1, 6020, 6020A, SM4500S-D, SM4500-CN-CE, Lachat 10-204-00-1-X, 7196A, 7470A, 9010B, 9040B, 2310B, 2320B, 2510B, 2540B, 2540C, 3500Cr-D, 426C, 4500Cl-E, 4500F-B, 4500F-C, 4500PE, 510AC, 5210B, 5310B 5310C, 5540C. Organic Parameters: EPA 3510C, 3630C, 5030B, 8260B, 608, 624, 625, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330,)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010A, 1030, 3060A, 3050B, 1311, 1312, 6010B, 6010C, 6020, , 7196A, 7471A, 7471B, 6020A, 9030B, 9010B, 9012A, 9014 9040B, 9045C, 9050A, 9065. Organic Parameters: EPA 5035, 3540C, 3546, 3550, 3580, 3630C, 8260B, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330.)

Department of Defense, L-A-B Certificate/Lab ID: L2217.
Drinking Water (Inorganic Parameters: SM 4500H-B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: EPA 200.7, 200.8, 6010B, 6010C, 6020, 6020A, 245.1, 245.2, 7470A, 9040B, 9010B, 180.1. 300.0, 332.0, 6860, 353.2, 410.4, 9060, 1664A, SM 4500CN-E, 4500H-B, 4500NO3-F, 4500CL-D, 5220D, 5310C, 2130B, 2320B, 2540C, 3005A, 3015, 9010B, 9056. Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A, 8082, 8082A, 8011, 8081B, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 200.7, 6010B, 6010C, 7471A, 6860, 1311, 1312, 3050B, 7196A, 9010B, 9012A, 9040B, 9045C, 3500-CR-D, 4500CN-CE, 2540G, Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A/B-prep, 8082, 8082A, 8081A, 8081B, 3540C, 3546, 3580A, 5035A, MassDEP EPH, MassDEP VPH.)

The following analytes are not included in our current NELAP/TNI Scope of Accreditation:
EPA 8260B: Freon-113, 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8330A:** PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C:** Methyl naphthalene, Dimethyl naphthalene, Total Methylnapthalenes, Total Dimethylnaphthalenes, 1,4-Diphenylhydrazine (Azobenzene). **EPA 625:** 4-Chloroaniline, 4-Methylphenol. Total Phosphorus in a soil matrix, Chloride in a soil matrix, TKN in a soil matrix, NO2 in a soil matrix, NO3 in a soil matrix, SO4 in a soil matrix. **EPA 9071:** Total Petroleum Hydrocarbons, Oil & Grease

CHAIN OF CUSTODY

PAGE 1 OF 7

Date Rec'd in Lab: 7/16/12

ALPHA Job #: L1212599

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)
Date Due: Do This No Rush DGS Time: ~~24 hr~~ DGS

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
~~TS, Aroclor, High VOC have 24 hr TAT~~, all else is 15 business days.
Project-specific EDD. Homogenize before analysis

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congener	Sample Specific Comments	TOTAL # BOTTLES
-1	TB-071612-01	7/16/12	1045		DGS		X			Trip Blank Low	2
	TB-071612-02		1045			X				Trip Blank High	2
2	S-12L-B006-0.0-0.5		0810	SE		X					1
2	S-12L-B006-0.0-0.5						X				2
2	S-12L-B006-0.0-0.5							X		All 3 analyses	1
2	S-12L-B006-0.0-0.5								X	Archive	
3	S-12L-B006-1.0-1.5					X					
3	S-12L-B006-1.0-1.5						X				
3	S-12L-B006-1.0-1.5							X		All 3 analyses	
3	S-12L-B006-1.0-1.5								X	Archive	
	Container Type					V	V	A	A		
	Preservative					F	0	A	A		

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Dave Walsh	1645 7/16/12	T. Hadden	7/16/12 1645
T. Hadden	7/16/12	[signature]	7/16/12 1640

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Sediment Boring Collection and Analysis Off the Former Aerovox Site Property Shoreline W912WJ-09-D-0001

CHAIN OF CUSTODY

PAGE 2 OF 7

Date Rec'd in Lab: 7/16/12

ALPHA Job #: L1212599

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!) DGS
Do This
Date Due: No Rush
Time: ~~24 hr~~ DGS

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
~~TS, Aroclors and High VOC have 24 hr TAT~~, all else are 15 business days. Project-specific EDD. Homogenize before analysis

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
4	S-12L-B006-1.0-1.5REP	7/16/12	0810	SE	DGS	X				REP	2
4	S-12L-B006-1.0-1.5REP						X			REP	2
4	S-12L-B006-1.0-1.5REP							X		REP, All 3 analyses	1
4	S-12L-B006-1.0-1.5REP								X	REP, Archive	1
5	S-12L-B006-3.0-3.5					X					1
5	S-12L-B006-3.0-3.5						X				2
5	S-12L-B006-3.0-3.5							X		All 3 analyses	1
5	S-12L-B006-3.0-3.5								X	Archive	1
6	S-12L-B006-6.5-7.0		0825			X					1
6	S-12L-B006-6.5-7.0						X				2

Container Type	V	V	A	A							
Preservative	F	O	A	A							

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	1645 7/16/12	[signature]	7/16/12 1645
T. Hendell	7/16/12	[signature]	7/16/12 1840

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

ORM NO: 01-01 (rev. 18-Jan-2010)

Sediment Boring Collection and Analysis
Off the Former Aerovox Site Property Shoreline
W912WJ-09-D-0001

Deliverable Order 0[illegible] April 2013

CHAIN OF CUSTODY

PAGE 3 OF 7

Date Rec'd in Lab: 7/16/12

ALPHA Job #: L1212599

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

Project-specific EDP, Homogenize before analysis

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
6	S-12L-B006-6.5-7.0	7/16/12	0825	SE	DGS			X		All 3 analyses	7
6	S-12L-B006-6.5-7.0								X	Archive	1
6	S-12L-B006-6.5-7.0 MSMSD					X				MSMSD	1
6	S-12L-B006-6.5-7.0 MSMSD						X			MSMSD	2
6	S-12L-B006-6.5-7.0 MSMSD							X		MSMSD, All 3 analyses	1
6	S-12L-B006-6.5-7.0 MSMSD								X	MSMSD, Archive	1
7	S-12L-B006-8.0-8.5					X					1
7	S-12L-B006-8.0-8.5						X				1
7	S-12L-B006-8.0-8.5							X		All 3 analyses	1
7	S-12L-B006-8.0-8.5								X	Archive	1

	High VOC	Low VOC	SVOC	PCB Congener
Container Type	V	V	A	A
Preservative	F	O	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	1645 7/16/12	[signature]	7/16/12 1645
[signature]	7/16/12	[signature]	7/16/12

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Deliverables Order 0[illegible] April 2013

Sediment Boring Collection and Analysis
Off the Former Aerovox Site Property Shoreline
W912WJ-09-D-0001

CHAIN OF CUSTODY

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Date Rec'd in Lab: 7/16/12

ALPHA Job #: L1212598

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State / Fed Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
Project-specific EDD, Homogenize before analyses

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
8	S-12L-B006-10.5-11.0	7/16/12	0840	SE	DGS	X					
8	S-12L-B006-10.5-11.0						X				
8	S-12L-B006-10.5-11.0							X		All 3 analyses	
8	S-12L-B006-10.5-11.0								X	Archive	
9	S-12L-B006-13.0-13.5					X					
9	S-12L-B006-13.0-13.5						X				
9	S-12L-B006-13.0-13.5							X		All 3 analyses	
9	S-12L-B006-13.0-13.5								X	Archive	
10	S-12L-B006-16.5-17.0		0850			X					
10	S-12L-B006-16.5-17.0		0850				X				

Container Type	V	V	A	A
Preservative	F	O	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Dave Walsh	1645 7/16/12	T. Hudd	7/16/12 1645
T. Hudd	7/16/12	[signature]	7/16/12 1640

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Sediment Boring Collection and Analysis
Off the Former Aerovox Site Property Shoreline
W912WJ-09-D-0001

CHAIN OF CUSTODY

PAGE 5 OF 7

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 7/16/12

ALPHA Job #: L1212599

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford AeroVox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program Criteria

MA MCP PRESUMPTIVE CERTAINTY -- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
Project-specific EDD, Homogenize before analyses

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC	Low VOC	SVOC, Total Solid Aroclor	PCB Congeners (Archive)	SAMPLE HANDLING: Filtration (Done / Not needed / Lab to do)	Preservation (Lab to do)	TOTAL # BOTTLES	Sample Specific Comments
-10	S-12L-B006-16.5-17.0	7/16/12	0850	SB	DGS			X					All 3 analyses
-10	S-12L-B006-16.5-17.0	"	"	"	"				X				Archive
-11	S-12L-B006-21.0-21.5	"	0910	"	"	X							
-11	S-12L-B006-21.0-21.5	"	"	"	"		X						
-11	S-12L-B006-21.0-21.5	"	"	"	"			X					All 3 analyses
-11	S-12L-B006-21.0-21.5	"	"	"	"				X				Archive
-12	EB-071612-01	"	0845	SW	DPW	X							Equip Blank
-12	EB-071612-01	"	"	"	"			X					Equip Blank, SVOC + Aroclor
	TB-071612-03	"	1100		DB	X							Trip Blank, Equip Blank
-13	S-12L-B006-23.0-23.5	"	910	SB	DGS	X							
	Container Type					V	V	A	A				
	Preservative					F	O	A	A				

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Dave Walsh	1645 7/16/12	T. Handler	7/16/12 1645
T. Handler	7/16/12		7/16/12 1810

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

CHAIN OF CUSTODY

PAGE 6 OF 7

Date Rec'd in Lab: 7/16/12

ALPHA Job #: L1212559

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: NewBedford Aerovox
Project Location: New Bedford, MA
Project #: TO-00104-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State / Fed / Program Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Deliverables: Excel, Equis Format, April 2008

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
Project-specific EDD, Homogenize before analysis

ANALYSIS: High VOC | Low VOC | SVOC, Total Solid, PCB Aroclor | PCB Congener (Archive)

SAMPLE HANDLING
Filtration
☐ Done ☐ Not needed ☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
-13	S-12L-B006-23.0-23.5	7/16/12	0910	SE	DGS		X				2
-13	S-12L-B006-23.0-23.5		0950					X		All 3 analyses	1
-13	S-12L-B006-23.0-23.5								X	Archive	1
-14	S-12L-B006-27.0-27.5					X					1
-14	S-12L-B006-27.0-27.5						X				2
-14	S-12L-B006-27.0-27.5							X		All 3 analyses	1
-14	S-12L-B006-27.0-27.5								X	Archive	1
-15	S-12L-B006-28.5-29.0					X					1
-15	S-12L-B006-28.5-29.0						X				2
-15	S-12L-B006-28.5-29.0							X		All 3 analyses	1

Container Type	V	V	A	A
Preservative	F	O	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	1645 7/16/12	[signature]	7/16/12 1645
[signature]	7/16/12		7/16/12

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Sediment Boring Collection and Analysis Off the Former Aerovox Site Property Shoreline W912WJ-09-D-0001

CHAIN OF CUSTODY

PAGE 7 OF 7

Date Rec'd in Lab: 7/16/12

ALPHA Job #: L1212549

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

Project-specific EDD. Homogenize before analysis

SAMPLE HANDLING

Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
-15	S-12L-B006-28.5-29.0	7/16/12	0950	SE	DGS				X	Archive	D-1067
-16	S-12L-B006-31.0-31.5		1010			X					2
-16	S-12L-B006-31.0-31.5						X				2
-16	S-12L-B006-31.0-31.5							X		All 3 analyses	1
-16	S-12L-B006-31.0-31.5								X	Archive	1

Container Type	V	V	A	A							
Preservative	F	O	A	A							

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	1645 7/16/12	[signature]	7/16/12 1645
[signature]	7/16/12	[signature]	7/16/12 1840

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Deliver... r 00 April

Sediment Boring Collection and Analysis — Off the Former Aerovox Site Property Shoreline W912WJ-09-D-0001

Serial No:08151216:34

PAGE 2 OF 4

Date Rec'd in Lab: 7/16/12

ALPHA ANALYTICAL

WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)
Do This
Date Due: No Rush DGS Time: ~~24 hr~~ DGS

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY -- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
~~PS, Aroclor, High VOC have 24 hr TAT~~, all else is 15 business days.
Project-specific EDD. Homogenize before analysis

SAMPLE HANDLING

Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congeners	Sample Specific Comments	TOTAL # BOTTLES
-1	TB-071612-01	7/16/12	1045		DGS		X			Trip Blank Low	2
	TB-071612-02		1045			X				Trip Blank High	2
2	S-12L-B006-0.0-0.5		0810	SE		X					1
2	S-12L-B006-0.0-0.5						X				2
2	S-12L-B006-0.0-0.5							X		All 3 analyses	1
2	S-12L-B006-0.0-0.5								X	Archive	1
3	S-12L-B006-1.0-1.5					X					1
3	S-12L-B006-1.0-1.5						X				2
3	S-12L-B006-1.0-1.5							X		All 3 analyses	1
3	S-12L-B006-1.0-1.5								X	Archive	1

	High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congeners
Container Type	V	V	A	A
Preservative	F	O	A	A

PLEASE ANSWER QUESTIONS ABOVE!

S YOUR PROJECT
MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	1645 7/16/12	[signature]	7/16/12 1645
[signature]	7/16/12	[signature]	7/16/12
[signature]	7/16/12 1810	[signature]	7/17/12 760
[signature]	7/17/12 820	[signature]	7/17/12 08:20

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

RM NO: 01-01 (rev. 18-Jan-2010)

Sediment Boring Collection and Analysis
Off the Former Aerovox Site Property Shoreline
W912WJ-09-D-0001

Delivery Order 0010-05
April 2013

CHAIN OF CUSTODY

PAGE 2 OF 1

Date Rec'd in Lab: 7/16/12

ALPHA Job #: L1215-11

Serial No:08151216:34

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!) DGS
Do This
Date Due: Time: ~~24 hr~~ DGS

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
~~PS, Aroclors and High VOC have 24 hr TAT~~, all else are 15 business days. Project-specific EDD. Homogenize before analysis

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor, Congeners (Archive)	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
4	S-12L-B006-1.0-1.5REP	7/16/12	0810	SE	DGS	X				REP	1
4	S-12L-B006-1.0-1.5REP						X			REP	2
4	S-12L-B006-1.0-1.5REP							X		REP, All 3 analysis	1
4	S-12L-B006-1.0-1.5REP								X	REP, Archive	1
5	S-12L-B006-3.0-3.5					X					1
5	S-12L-B006-3.0-3.5						X				2
5	S-12L-B006-3.0-3.5							X		All 3 analyses	1
5	S-12L-B006-3.0-3.5								X	Archive	1
6	S-12L-B006-6.5-7.0		0825			X					1
6	S-12L-B006-6.5-7.0						X				2

Container Type	V	V	A	A
Preservative	F	O	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	1645 7/16/12	[signature]	7/16/12 1645
[signature]	7/16/12	[signature]	7/16/12 1810
[signature]	7/16/12 1810	[signature]	7/17/12 720
[signature]	7/17/12 820	[signature]	7/17/12 08:20

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Sediment Boring Collection and Analysis
Off the Former Aerovox Site Property Shoreline
W912WJ-09-D-0001

Delivery Order 0010-05
April 2013

CHAIN OF CUSTODY PAGE 2 OF 1

Date Rec'd in Lab: 7/16/12

ALPHA Serial No: 08151216.34 212 [illegible]

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
Project-specific EDP, Homogenize before analysis

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
6	S-12L-B006-6.5-7.0	7/16/12	0825	SE	DGS			X		All 3 analyses	1
6	S-12L-B006-6.5-7.0								X	Archive	1
6	S-12L-B006-6.5-7.0 MSMSD					X				MSMSD	1
6	S-12L-B006-6.5-7.0 MSMSD						X			MSMSD	2
6	S-12L-B006-6.5-7.0 MSMSD							X		MSMSD, All 3 analyses	1
6	S-12L-B006-6.5-7.0 MSMSD								X	MSMSD, Archive	1
7	S-12L-B006-8.0-8.5					X					1
7	S-12L-B006-8.0-8.5						X				2
7	S-12L-B006-8.0-8.5							X		All 3 analyses	1
7	S-12L-B006-8.0-8.5								X	Archive	1

	High VOC	Low VOC	SVOC	PCB Congener
Container Type	V	V	A	A
Preservative	F	O	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	1645 7/16/12	[signature]	7/16/12 1645
[signature]	7/16/12	[signature]	7/16/12
[signature]	7/16/12 1840	[signature]	7/17/12 710
[signature]	7/17/12 820	[signature]	7/17/12 08:20

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Sediment Boring Collection and Analysis Off the Former Aerovox Site Property Shoreline W912WJ-09-D-0001

Delivery Order 0010-05 April 2013

CHAIN OF CUSTODY

PAGE 1 OF 4

Date Rec'd in Lab: 7/16/12

Serial No: 08151216:84

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY -- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
Project-specific EDD, Homogenize before analyses

ANALYSIS: High VOC; Low VOC; SVOC, Total Solid PCB Aroclor; PCB Congener (Archive)

SAMPLE HANDLING
Filtration
☐ Done ☐ Not needed ☐ Lab to do
Preservation
☐ Lab to do (Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid PCB Aroclor	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
6	S-12L-B006-10.5-11.0	7/16/12	0840	SE	DGS	X					1
8	S-12L-B006-10.5-11.0						X				3
8	S-12L-B006-10.5-11.0							X		All 3 analyses	1
8	S-12L-B006-10.5-11.0								X	Archive	1
9	S-12L-B006-13.0-13.5					X					1
9	S-12L-B006-13.0-13.5						X				3
9	S-12L-B006-13.0-13.5							X		All 3 analyses	1
9	S-12L-B006-13.0-13.5								X	Archive	1
10	S-12L-B006-16.5-17.0		0850			X					1
10	S-12L-B006-16.5-17.0		0850				X				2
	Container Type					V	V	A	A		
	Preservative					F	O	A	A		

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Dave Walsh	1645 7/16/12	T. Handel	7/16/12 1645
T. Handel	7/16/12		7/16/12
[signature]	7/16/12 1840	[signature]	7/17/12 710
[signature]	7/17/12 820	[signature]	7/17/12 08:20

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Sediment Boring Collection and Analysis
Off the Former Aerovox Site Property Shoreline
W912WJ-09-D-0001

Delivery Order 0010-05
April 2013

CHAIN OF CUSTODY

PAGE 2 OF 4

Date Rec'd in Lab: 7/16/12

ALPHA Job #: L1212592

Serial No: 08151216:24

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program Criteria

MA MCP PRESUMPTIVE CERTAINTY — CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

Project-specific EDD, Homogenize before analyses

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid, PCB	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
-10	S-12L-B006-16.5-17.0	7/16/12	0850	SB	DGS			X		All 3 analyses	1
-10	S-12L-B006-16.5-17.0		⊥						X	Archive	1
-11	S-12L-B006-21.0-21.5		0910			X					1
-11	S-12L-B006-21.0-21.5		⊥				X				2
-11	S-12L-B006-21.0-21.5		⊥					X		All 3 analyses	1
-11	S-12L-B006-21.0-21.5		⊥						X	Archive	1
-12	EB-071612-01		0845	SW	DRW	X				Equip Blank	3
-12	EB-071612-01		⊥	⊥				X		Equip Blank, SVOC + Aroclor	4
	TB-071612-03		1100		DB	X				Trip Blank, Equip Blank	1
-13	S-12L-B006-23.0-23.5	⊥	910	SE	DGS	X					1
	Container Type					V	V	A	A		
	Preservative					F	O	A	A		

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time
Dave Walsh	1645 7/16/12	T. Handley	7/16/12 1645
T. Handley	7/16/12		
	1810		
Pat Rich	7/17/12 8:20	S. Hoffman	7/17/12 08:20

FORM NO: 01-01 (rev. 18-Jan-2010)

Sediment Boring Collection and Analysis
Off the Former Aerovox Site Property Shoreline
W912WJ-09-D-0001

Delivery Order 0010-05
April 2013

CHAIN OF CUSTODY

PAGE 0 OF 1

Date Rec'd in Lab: 7/16/12

ALPHA Job #: L1212577

Serial No: 08151216:34

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: WOODS Hole Group
Address: 81 Techology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: NewBedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State / Fed Program Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
Project-specific EDD, Homogenize before analysis

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
-13	S-12L-B006-23.0-23.5	7/16/12	0910	SE	DGS		X				2
-13	S-12L-B006-23.0-23.5		0950					X		All 3 analyses	1
-13	S-12L-B006-23.0-23.5								X	Archive	1
-14	S-12L-B006-27.0-27.5					X					1
-14	S-12L-B006-27.0-27.5						X				2
-14	S-12L-B006-27.0-27.5							X		All 3 analyses	1
-14	S-12L-B006-27.0-27.5								X	Archive	1
-15	S-12L-B006-28.5-29.0					X					1
-15	S-12L-B006-28.5-29.0						X				2
-15	S-12L-B006-28.5-29.0							X		All 3 analyses	1

	High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congener (Archive)
Container Type	V	V	A	A
Preservative	F	O	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	1645 7/16/12	[signature]	7/16/12 1645
[signature]	7/16/12	[signature]	7/16/12 1846
[signature]	7/16/12 1840	[signature]	7/17/12 [illegible]
[signature]	7/17/12 820	[signature]	7/17/12 08:20

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

ORM NO: 01-01 (rev. 18-Jan-2010)

CHAIN OF CUSTODY PAGE 1 OF 1 Date Rec'd in Lab: 7/16/12 ALPHA Job No: 08151216-84

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information
Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM
☐ These samples have been previously analyzed by Alpha

Project Information
Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0016-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time
☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: Time:

Report Information - Data Deliverables
☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information
☐ Same as Client info PO #:

Regulatory Requirements/Report Limits
State (Fed) Program Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO
☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:
If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
Project-Specific EDD. Homogenize before analysis

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid, PCB	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
-15	S-12L-B006-28.5-29.0	7/16/12	0950	SE	DGS				X	Archive	1
-16	S-12L-B006-31.0-31.5		1010			X					1
-16	S-12L-B006-31.0-31.5						X				2
-16	S-12L-B006-31.0-31.5							X		All 3 analyses	1
-16	S-12L-B006-31.0-31.5								X	Archive	1

SAMPLE HANDLING
Filtration
☐ Done ☐ Not needed ☐ Lab to do
Preservation
☐ Lab to do (Please specify below)

Container Type	V	V	A	A	
Preservative	F	O	A	A	

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	1645 7/16/12	[signature]	7/16/12 1645
[signature]	7/16/12 1810	[signature]	7/16/12 1810
[signature]	7/17/12 820	[signature]	7/17/12 08:20

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

ANALYTICAL REPORT

Lab Number:	L1212707
Client:	Woods Hole Group 81 Technology Park Drive East Falmouth, MA 02536
ATTN:	Dave Walsh
Phone:	(508) 540-8080
Project Name:	NEW BEDFORD AEROVOX
Project Number:	TO-0010-05
Report Date:	08/17/12

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212707
Report Date: 08/17/12

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1212707-01	EB-071612-02	NEW BEDFORD, MA	07/16/12 17:15
L1212707-02	TB-071712-01	NEW BEDFORD, MA	07/16/12 11:00
L1212707-03	S-12L-B009-0.5-1.0	NEW BEDFORD, MA	07/16/12 16:50
L1212707-04	S-12L-B009-1.5-2.0	NEW BEDFORD, MA	07/16/12 16:50
L1212707-05	S-12L-B009-1.5-2.0REP	NEW BEDFORD, MA	07/16/12 16:50
L1212707-06	TB-071712-03	NEW BEDFORD, MA	07/16/12 18:30
L1212707-07	S-12L-B009-5.5-6.0	NEW BEDFORD, MA	07/16/12 17:10
L1212707-08	S-12L-B009-9.2-9.7	NEW BEDFORD, MA	07/16/12 17:30
L1212707-09	S-12L-B009-10.3-10.8	NEW BEDFORD, MA	07/16/12 17:30
L1212707-10	S-12L-B009-15.0-15.5	NEW BEDFORD, MA	07/16/12 17:45
L1212707-11	S-12L-B009-19.0-19.5	NEW BEDFORD, MA	07/16/12 18:10
L1212707-12	S-12L-B009-21.5-22.0	NEW BEDFORD, MA	07/16/12 18:10
L1212707-13	S-12L-B008-0.5-1.0	NEW BEDFORD, MA	07/17/12 08:15
L1212707-14	S-12L-B008-0.5-1.0REP	NEW BEDFORD, MA	07/17/12 08:15
L1212707-15	S-12L-B008-1.5-2.0	NEW BEDFORD, MA	07/17/12 08:15
L1212707-16	S-12L-B008-3.0-3.5	NEW BEDFORD, MA	07/17/12 08:15
L1212707-17	S-12L-B008-6.0-6.5	NEW BEDFORD, MA	07/17/12 08:30
L1212707-18	S-12L-B008-7.5-8.0	NEW BEDFORD, MA	07/17/12 08:30
L1212707-19	EB-071712-01	NEW BEDFORD, MA	07/17/12 09:00
L1212707-20	EB-071712-02	NEW BEDFORD, MA	07/17/12 11:15
L1212707-21	S-12L-B008-11.0-11.5	NEW BEDFORD, MA	07/17/12 08:55
L1212707-22	S-12L-B008-16.5-17.0	NEW BEDFORD, MA	07/17/12 09:25
L1212707-23	S-12L-B008-21.0-21.5	NEW BEDFORD, MA	07/17/12 09:55
L1212707-24	S-12L-B008-22.2-22.7	NEW BEDFORD, MA	07/17/12 09:55
L1212707-26	TB-071712-02	NEW BEDFORD, MA	07/16/12 18:30

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707
Project Number: TO-0010-05 **Report Date:** 08/17/12

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples free of charge for 30 days from the date the project is completed. After 30 days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples.

Please contact Client Services at 800-624-9220 with any questions.

Project Name:	NEW BEDFORD AEROVOX	**Lab Number:**	L1212707
Project Number:	TO-0010-05	**Report Date:**	08/17/12

Case Narrative (continued)

Report Submission

This report replaces the report issued on August 2, 2012. The QC analyte lists have been amended to match the samples for the Volatile and Semivolatile Organics analyses, and the PCB analysis is now reporting surrogate recoveries from one column.

Sample Receipt

Sample "EB-071712-02" was missing one vial upon receipt. This was confirmed by the client.
Samples identified as "TB-071712-04" and "TB-071712-05" were received, but not listed on the chain of custody. These samples were not analyzed at the client's request.

Volatile Organics

L1212707-09 was analyzed as a High Level Methanol in order to quantitate the sample within the calibration range. The result should be considered estimated for any compound that exceeded the calibration on the initial Low Level analysis. The results of both analyses are reported.
The WG549462-3 Method Blank, associated with L1212707-01, -02, -19, and -20, has a concentration above the reporting limit for Chloroform. Since the associated samples were non-detect for this target analyte, no further action was taken. The results of the original analysis are reported.
The WG550191-4/-5 MS/MSD recoveries, performed on L1212707-21, are below the acceptance criteria for Acetone (0%/0%) due to the concentration of this compound falling below the reported detection limit.
The WG550191-4/-5 MS/MSD recoveries, performed on L1212707-21, were below the acceptance criteria for Trichlorofluoromethane (40%/34%), Bromomethane (40%/39%), Chloroethane (40%/37%), 1,2,4-Trichlorobenzene (MSD at 50%), and Methyl cyclohexane (65%/63%); however, the associated LCS/LCSD recoveries were within criteria.

Semivolatile Organics

L1212707-13 through -17, -21, and -22 have elevated detection limits due to the dilutions required by the sample matrices.
The surrogate recoveries for L1212707-13, -14, and -15 are below the acceptance criteria for 2-

Project Name:	NEW BEDFORD AEROVOX	**Lab Number:**	L1212707
Project Number:	TO-0010-05	**Report Date:**	08/17/12

Case Narrative (continued)

Fluorophenol, Phenol-d6, Nitrobenzene-d5, 2-Fluorobiphenyl, and 4-Terphenyl-d14 (all 0%) due to the dilutions required to quantitate the samples. Re-extraction was not required; therefore, the results of the original analyses are reported.

PCBs

The surrogate recoveries for L1212707-13 through -18, -21, and -22 are below the acceptance criteria for 2,4,5,6-Tetrachloro-m-xylene and Decachlorobiphenyl (all 0%) due to the dilutions required to quantitate the samples. Re-extraction was not required; therefore, the results of the original analyses are reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Cynthia McQueen

Title: Technical Director/Representative Date: 08/17/12

ORGANICS

VOLATILES

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-01	Date Collected:	07/16/12 17:15
Client ID:	EB-071612-02	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	1,8260B		
Analytical Date:	07/18/12 15:08		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	1
1,1-Dichloroethane	ND		ug/l	0.75	--	1
Chloroform	ND		ug/l	0.75	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	1.8	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.75	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
Trichlorofluoromethane	ND		ug/l	2.5	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.75	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	1.0	--	1
Vinyl chloride	ND		ug/l	1.0	--	1
Chloroethane	ND		ug/l	1.0	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	2.5	--	1
1,3-Dichlorobenzene	ND		ug/l	2.5	--	1
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
Methyl tert butyl ether	ND		ug/l	1.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-01 Date Collected: 07/16/12 17:15

Client ID: EB-071612-02 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/l	1.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
Xylenes, Total	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1
1,2-Dibromoethane	ND		ug/l	2.0	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1
Methyl Acetate	ND		ug/l	10	--	1
Cyclohexane	ND		ug/l	10	--	1
1,4-Dioxane	ND		ug/l	250	--	1
Freon-113	ND		ug/l	10	--	1
Methyl cyclohexane	ND		ug/l	10	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	98		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-02	Date Collected:	07/16/12 11:00
Client ID:	TB-071712-01	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	1,8260B		
Analytical Date:	07/18/12 15:44		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	1
1,1-Dichloroethane	ND		ug/l	0.75	--	1
Chloroform	ND		ug/l	0.75	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	1.8	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.75	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
Trichlorofluoromethane	ND		ug/l	2.5	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.75	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	1.0	--	1
Vinyl chloride	ND		ug/l	1.0	--	1
Chloroethane	ND		ug/l	1.0	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	2.5	--	1
1,3-Dichlorobenzene	ND		ug/l	2.5	--	1
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
Methyl tert butyl ether	ND		ug/l	1.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-02 Date Collected: 07/16/12 11:00

Client ID: TB-071712-01 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/l	1.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
Xylenes, Total	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1
1,2-Dibromoethane	ND		ug/l	2.0	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1
Methyl Acetate	ND		ug/l	10	--	1
Cyclohexane	ND		ug/l	10	--	1
1,4-Dioxane	ND		ug/l	250	--	1
Freon-113	ND		ug/l	10	--	1
Methyl cyclohexane	ND		ug/l	10	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	98		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-03	Date Collected:	07/16/12 16:50
Client ID:	S-12L-B009-0.5-1.0	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/20/12 01:36		
Analyst:	JL		
Percent Solids:	30%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	4400	--	1
1,1-Dichloroethane	ND		ug/kg	880	--	1
Chloroform	ND		ug/kg	880	--	1
Carbon tetrachloride	ND		ug/kg	880	--	1
1,2-Dichloropropane	ND		ug/kg	1800	--	1
Dibromochloromethane	ND		ug/kg	880	--	1
1,1,2-Trichloroethane	ND		ug/kg	880	--	1
Tetrachloroethene	ND		ug/kg	880	--	1
Chlorobenzene	ND		ug/kg	880	--	1
Trichlorofluoromethane	ND		ug/kg	2200	--	1
1,2-Dichloroethane	ND		ug/kg	880	--	1
1,1,1-Trichloroethane	ND		ug/kg	880	--	1
Bromodichloromethane	ND		ug/kg	880	--	1
trans-1,3-Dichloropropene	ND		ug/kg	880	--	1
cis-1,3-Dichloropropene	ND		ug/kg	880	--	1
Bromoform	ND		ug/kg	1800	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	880	--	1
Benzene	ND		ug/kg	880	--	1
Toluene	ND		ug/kg	880	--	1
Ethylbenzene	ND		ug/kg	880	--	1
Chloromethane	ND		ug/kg	2200	--	1
Bromomethane	ND		ug/kg	880	--	1
Vinyl chloride	18000		ug/kg	880	--	1
Chloroethane	ND		ug/kg	880	--	1
1,1-Dichloroethene	2100		ug/kg	880	--	1
trans-1,2-Dichloroethene	1800		ug/kg	880	--	1
Trichloroethene	100000	E	ug/kg	880	--	1
1,2-Dichlorobenzene	ND		ug/kg	2200	--	1
1,3-Dichlorobenzene	ND		ug/kg	2200	--	1
1,4-Dichlorobenzene	ND		ug/kg	2200	--	1
Methyl tert butyl ether	ND		ug/kg	880	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-03 Date Collected: 07/16/12 16:50

Client ID: S-12L-B009-0.5-1.0 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	1800	--	1
o-Xylene	ND		ug/kg	1800	--	1
Xylenes, Total	ND		ug/kg	1800	--	1
cis-1,2-Dichloroethene	420000	E	ug/kg	880	--	1
Styrene	ND		ug/kg	1800	--	1
Dichlorodifluoromethane	ND		ug/kg	4400	--	1
Acetone	ND		ug/kg	16000	--	1
Carbon disulfide	ND		ug/kg	4400	--	1
2-Butanone	ND		ug/kg	4400	--	1
4-Methyl-2-pentanone	ND		ug/kg	4400	--	1
2-Hexanone	ND		ug/kg	4400	--	1
Bromochloromethane	ND		ug/kg	2200	--	1
1,2-Dibromoethane	ND		ug/kg	1800	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2200	--	1
Isopropylbenzene	ND		ug/kg	880	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	2200	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	2200	--	1
Methyl Acetate	ND		ug/kg	8800	--	1
Cyclohexane	ND		ug/kg	8800	--	1
1,4-Dioxane	ND		ug/kg	44000	--	1
Methyl cyclohexane	ND		ug/kg	1800	--	1
Freon-113	ND		ug/kg	8800	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	116		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	93		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-03 D	Date Collected:	07/16/12 16:50
Client ID:	S-12L-B009-0.5-1.0	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/20/12 11:14		
Analyst:	JL		
Percent Solids:	30%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Trichloroethene	100000		ug/kg	8800	--	10
cis-1,2-Dichloroethene	400000		ug/kg	8800	--	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	114		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	95		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-04	Date Collected:	07/16/12 16:50
Client ID:	S-12L-B009-1.5-2.0	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/20/12 02:03		
Analyst:	JL		
Percent Solids:	79%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	1400	--	1
1,1-Dichloroethane	ND		ug/kg	270	--	1
Chloroform	ND		ug/kg	270	--	1
Carbon tetrachloride	ND		ug/kg	270	--	1
1,2-Dichloropropane	ND		ug/kg	540	--	1
Dibromochloromethane	ND		ug/kg	270	--	1
1,1,2-Trichloroethane	ND		ug/kg	270	--	1
Tetrachloroethene	ND		ug/kg	270	--	1
Chlorobenzene	ND		ug/kg	270	--	1
Trichlorofluoromethane	ND		ug/kg	680	--	1
1,2-Dichloroethane	ND		ug/kg	270	--	1
1,1,1-Trichloroethane	ND		ug/kg	270	--	1
Bromodichloromethane	ND		ug/kg	270	--	1
trans-1,3-Dichloropropene	ND		ug/kg	270	--	1
cis-1,3-Dichloropropene	ND		ug/kg	270	--	1
Bromoform	ND		ug/kg	540	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	270	--	1
Benzene	ND		ug/kg	270	--	1
Toluene	ND		ug/kg	270	--	1
Ethylbenzene	ND		ug/kg	270	--	1
Chloromethane	ND		ug/kg	680	--	1
Bromomethane	ND		ug/kg	270	--	1
Vinyl chloride	ND		ug/kg	270	--	1
Chloroethane	ND		ug/kg	270	--	1
1,1-Dichloroethene	ND		ug/kg	270	--	1
trans-1,2-Dichloroethene	ND		ug/kg	270	--	1
Trichloroethene	8800		ug/kg	270	--	1
1,2-Dichlorobenzene	ND		ug/kg	680	--	1
1,3-Dichlorobenzene	ND		ug/kg	680	--	1
1,4-Dichlorobenzene	ND		ug/kg	680	--	1
Methyl tert butyl ether	ND		ug/kg	270	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-04 Date Collected: 07/16/12 16:50

Client ID: S-12L-B009-1.5-2.0 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	540	--	1
o-Xylene	ND		ug/kg	540	--	1
Xylenes, Total	ND		ug/kg	540	--	1
cis-1,2-Dichloroethene	10000		ug/kg	270	--	1
Styrene	ND		ug/kg	540	--	1
Dichlorodifluoromethane	ND		ug/kg	1400	--	1
Acetone	ND		ug/kg	4900	--	1
Carbon disulfide	ND		ug/kg	1400	--	1
2-Butanone	ND		ug/kg	1400	--	1
4-Methyl-2-pentanone	ND		ug/kg	1400	--	1
2-Hexanone	ND		ug/kg	1400	--	1
Bromochloromethane	ND		ug/kg	680	--	1
1,2-Dibromoethane	ND		ug/kg	540	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	680	--	1
Isopropylbenzene	ND		ug/kg	270	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	680	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	680	--	1
Methyl Acetate	ND		ug/kg	2700	--	1
Cyclohexane	ND		ug/kg	2700	--	1
1,4-Dioxane	ND		ug/kg	14000	--	1
Methyl cyclohexane	ND		ug/kg	540	--	1
Freon-113	ND		ug/kg	2700	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	116		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	93		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-05	Date Collected:	07/16/12 16:50
Client ID:	S-12L-B009-1.5-2.0REP	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/20/12 11:41		
Analyst:	JL		
Percent Solids:	81%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	1300	--	1
1,1-Dichloroethane	ND		ug/kg	250	--	1
Chloroform	ND		ug/kg	250	--	1
Carbon tetrachloride	ND		ug/kg	250	--	1
1,2-Dichloropropane	ND		ug/kg	500	--	1
Dibromochloromethane	ND		ug/kg	250	--	1
1,1,2-Trichloroethane	ND		ug/kg	250	--	1
Tetrachloroethene	ND		ug/kg	250	--	1
Chlorobenzene	ND		ug/kg	250	--	1
Trichlorofluoromethane	ND		ug/kg	630	--	1
1,2-Dichloroethane	ND		ug/kg	250	--	1
1,1,1-Trichloroethane	ND		ug/kg	250	--	1
Bromodichloromethane	ND		ug/kg	250	--	1
trans-1,3-Dichloropropene	ND		ug/kg	250	--	1
cis-1,3-Dichloropropene	ND		ug/kg	250	--	1
Bromoform	ND		ug/kg	500	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	250	--	1
Benzene	ND		ug/kg	250	--	1
Toluene	ND		ug/kg	250	--	1
Ethylbenzene	ND		ug/kg	250	--	1
Chloromethane	ND		ug/kg	630	--	1
Bromomethane	ND		ug/kg	250	--	1
Vinyl chloride	ND		ug/kg	250	--	1
Chloroethane	ND		ug/kg	250	--	1
1,1-Dichloroethene	ND		ug/kg	250	--	1
trans-1,2-Dichloroethene	ND		ug/kg	250	--	1
Trichloroethene	14000		ug/kg	250	--	1
1,2-Dichlorobenzene	ND		ug/kg	630	--	1
1,3-Dichlorobenzene	ND		ug/kg	630	--	1
1,4-Dichlorobenzene	ND		ug/kg	630	--	1
Methyl tert butyl ether	ND		ug/kg	250	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-05 Date Collected: 07/16/12 16:50

Client ID: S-12L-B009-1.5-2.0REP Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	500	--	1
o-Xylene	ND		ug/kg	500	--	1
Xylenes, Total	ND		ug/kg	500	--	1
cis-1,2-Dichloroethene	12000		ug/kg	250	--	1
Styrene	ND		ug/kg	500	--	1
Dichlorodifluoromethane	ND		ug/kg	1300	--	1
Acetone	ND		ug/kg	4500	--	1
Carbon disulfide	ND		ug/kg	1300	--	1
2-Butanone	ND		ug/kg	1300	--	1
4-Methyl-2-pentanone	ND		ug/kg	1300	--	1
2-Hexanone	ND		ug/kg	1300	--	1
Bromochloromethane	ND		ug/kg	630	--	1
1,2-Dibromoethane	ND		ug/kg	500	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	630	--	1
Isopropylbenzene	ND		ug/kg	250	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	630	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	630	--	1
Methyl Acetate	ND		ug/kg	2500	--	1
Cyclohexane	ND		ug/kg	2500	--	1
1,4-Dioxane	ND		ug/kg	13000	--	1
Methyl cyclohexane	ND		ug/kg	500	--	1
Freon-113	ND		ug/kg	2500	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	114		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	94		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-06	Date Collected:	07/16/12 18:30
Client ID:	TB-071712-03	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/19/12 21:34		
Analyst:	JL		
Percent Solids:	Results reported on an 'AS RECEIVED' basis.		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	10	--	1
1,1-Dichloroethane	ND		ug/kg	2.0	--	1
Chloroform	ND		ug/kg	2.0	--	1
Carbon tetrachloride	ND		ug/kg	2.0	--	1
1,2-Dichloropropane	ND		ug/kg	4.0	--	1
Dibromochloromethane	ND		ug/kg	2.0	--	1
1,1,2-Trichloroethane	ND		ug/kg	2.0	--	1
Tetrachloroethene	ND		ug/kg	2.0	--	1
Chlorobenzene	ND		ug/kg	2.0	--	1
Trichlorofluoromethane	ND		ug/kg	5.0	--	1
1,2-Dichloroethane	ND		ug/kg	2.0	--	1
1,1,1-Trichloroethane	ND		ug/kg	2.0	--	1
Bromodichloromethane	ND		ug/kg	2.0	--	1
trans-1,3-Dichloropropene	ND		ug/kg	2.0	--	1
cis-1,3-Dichloropropene	ND		ug/kg	2.0	--	1
Bromoform	ND		ug/kg	4.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.0	--	1
Benzene	ND		ug/kg	2.0	--	1
Toluene	ND		ug/kg	2.0	--	1
Ethylbenzene	ND		ug/kg	2.0	--	1
Chloromethane	ND		ug/kg	5.0	--	1
Bromomethane	ND		ug/kg	2.0	--	1
Vinyl chloride	ND		ug/kg	2.0	--	1
Chloroethane	ND		ug/kg	2.0	--	1
1,1-Dichloroethene	ND		ug/kg	2.0	--	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	--	1
Trichloroethene	ND		ug/kg	2.0	--	1
1,2-Dichlorobenzene	ND		ug/kg	5.0	--	1
1,3-Dichlorobenzene	ND		ug/kg	5.0	--	1
1,4-Dichlorobenzene	ND		ug/kg	5.0	--	1
Methyl tert butyl ether	ND		ug/kg	2.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-06 Date Collected: 07/16/12 18:30

Client ID: TB-071712-03 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	4.0	--	1
o-Xylene	ND		ug/kg	4.0	--	1
Xylenes, Total	ND		ug/kg	4.0	--	1
cis-1,2-Dichloroethene	ND		ug/kg	2.0	--	1
Styrene	ND		ug/kg	4.0	--	1
Dichlorodifluoromethane	ND		ug/kg	10	--	1
Acetone	ND		ug/kg	36	--	1
Carbon disulfide	ND		ug/kg	10	--	1
2-Butanone	ND		ug/kg	10	--	1
4-Methyl-2-pentanone	ND		ug/kg	10	--	1
2-Hexanone	ND		ug/kg	10	--	1
Bromochloromethane	ND		ug/kg	5.0	--	1
1,2-Dibromoethane	ND		ug/kg	4.0	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	--	1
Isopropylbenzene	ND		ug/kg	2.0	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	--	1
Methyl Acetate	ND		ug/kg	20	--	1
Cyclohexane	ND		ug/kg	20	--	1
1,4-Dioxane	ND		ug/kg	100	--	1
Methyl cyclohexane	ND		ug/kg	4.0	--	1
Freon-113	ND		ug/kg	20	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	99		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-07	Date Collected:	07/16/12 17:10
Client ID:	S-12L-B009-5.5-6.0	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/20/12 12:08		
Analyst:	JL		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	750	--	1
1,1-Dichloroethane	ND		ug/kg	150	--	1
Chloroform	ND		ug/kg	150	--	1
Carbon tetrachloride	ND		ug/kg	150	--	1
1,2-Dichloropropane	ND		ug/kg	300	--	1
Dibromochloromethane	ND		ug/kg	150	--	1
1,1,2-Trichloroethane	ND		ug/kg	150	--	1
Tetrachloroethene	ND		ug/kg	150	--	1
Chlorobenzene	ND		ug/kg	150	--	1
Trichlorofluoromethane	ND		ug/kg	380	--	1
1,2-Dichloroethane	ND		ug/kg	150	--	1
1,1,1-Trichloroethane	ND		ug/kg	150	--	1
Bromodichloromethane	ND		ug/kg	150	--	1
trans-1,3-Dichloropropene	ND		ug/kg	150	--	1
cis-1,3-Dichloropropene	ND		ug/kg	150	--	1
Bromoform	ND		ug/kg	300	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	150	--	1
Benzene	ND		ug/kg	150	--	1
Toluene	ND		ug/kg	150	--	1
Ethylbenzene	ND		ug/kg	150	--	1
Chloromethane	ND		ug/kg	380	--	1
Bromomethane	ND		ug/kg	150	--	1
Vinyl chloride	ND		ug/kg	150	--	1
Chloroethane	ND		ug/kg	150	--	1
1,1-Dichloroethene	ND		ug/kg	150	--	1
trans-1,2-Dichloroethene	ND		ug/kg	150	--	1
Trichloroethene	160		ug/kg	150	--	1
1,2-Dichlorobenzene	ND		ug/kg	380	--	1
1,3-Dichlorobenzene	ND		ug/kg	380	--	1
1,4-Dichlorobenzene	ND		ug/kg	380	--	1
Methyl tert butyl ether	ND		ug/kg	150	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-07 Date Collected: 07/16/12 17:10

Client ID: S-12L-B009-5.5-6.0 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	300	--	1
o-Xylene	ND		ug/kg	300	--	1
Xylenes, Total	ND		ug/kg	300	--	1
cis-1,2-Dichloroethene	760		ug/kg	150	--	1
Styrene	ND		ug/kg	300	--	1
Dichlorodifluoromethane	ND		ug/kg	750	--	1
Acetone	ND		ug/kg	2700	--	1
Carbon disulfide	ND		ug/kg	750	--	1
2-Butanone	ND		ug/kg	750	--	1
4-Methyl-2-pentanone	ND		ug/kg	750	--	1
2-Hexanone	ND		ug/kg	750	--	1
Bromochloromethane	ND		ug/kg	380	--	1
1,2-Dibromoethane	ND		ug/kg	300	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	380	--	1
Isopropylbenzene	ND		ug/kg	150	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	380	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	380	--	1
Methyl Acetate	ND		ug/kg	1500	--	1
Cyclohexane	ND		ug/kg	1500	--	1
1,4-Dioxane	ND		ug/kg	7500	--	1
Methyl cyclohexane	ND		ug/kg	300	--	1
Freon-113	ND		ug/kg	1500	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	114		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	94		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-08	Date Collected:	07/16/12 17:30
Client ID:	S-12L-B009-9.2-9.7	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/20/12 09:53		
Analyst:	BN		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	19	--	1
1,1-Dichloroethane	ND		ug/kg	3.8	--	1
Chloroform	ND		ug/kg	3.8	--	1
Carbon tetrachloride	ND		ug/kg	3.8	--	1
1,2-Dichloropropane	ND		ug/kg	7.7	--	1
Dibromochloromethane	ND		ug/kg	3.8	--	1
1,1,2-Trichloroethane	ND		ug/kg	3.8	--	1
Tetrachloroethene	ND		ug/kg	3.8	--	1
Chlorobenzene	ND		ug/kg	3.8	--	1
Trichlorofluoromethane	ND		ug/kg	9.6	--	1
1,2-Dichloroethane	ND		ug/kg	3.8	--	1
1,1,1-Trichloroethane	ND		ug/kg	3.8	--	1
Bromodichloromethane	ND		ug/kg	3.8	--	1
trans-1,3-Dichloropropene	ND		ug/kg	3.8	--	1
cis-1,3-Dichloropropene	ND		ug/kg	3.8	--	1
Bromoform	ND		ug/kg	7.7	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	3.8	--	1
Benzene	ND		ug/kg	3.8	--	1
Toluene	ND		ug/kg	3.8	--	1
Ethylbenzene	ND		ug/kg	3.8	--	1
Chloromethane	ND		ug/kg	9.6	--	1
Bromomethane	ND		ug/kg	3.8	--	1
Vinyl chloride	ND		ug/kg	3.8	--	1
Chloroethane	ND		ug/kg	3.8	--	1
1,1-Dichloroethene	ND		ug/kg	3.8	--	1
trans-1,2-Dichloroethene	ND		ug/kg	3.8	--	1
Trichloroethene	34		ug/kg	3.8	--	1
1,2-Dichlorobenzene	ND		ug/kg	9.6	--	1
1,3-Dichlorobenzene	ND		ug/kg	9.6	--	1
1,4-Dichlorobenzene	ND		ug/kg	9.6	--	1
Methyl tert butyl ether	ND		ug/kg	3.8	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-08 Date Collected: 07/16/12 17:30

Client ID: S-12L-B009-9.2-9.7 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	7.7	--	1
o-Xylene	ND		ug/kg	7.7	--	1
Xylenes, Total	ND		ug/kg	7.7	--	1
cis-1,2-Dichloroethene	15		ug/kg	3.8	--	1
Styrene	ND		ug/kg	7.7	--	1
Dichlorodifluoromethane	ND		ug/kg	19	--	1
Acetone	ND		ug/kg	69	--	1
Carbon disulfide	ND		ug/kg	19	--	1
2-Butanone	ND		ug/kg	19	--	1
4-Methyl-2-pentanone	ND		ug/kg	19	--	1
2-Hexanone	ND		ug/kg	19	--	1
Bromochloromethane	ND		ug/kg	9.6	--	1
1,2-Dibromoethane	ND		ug/kg	7.7	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	9.6	--	1
Isopropylbenzene	ND		ug/kg	3.8	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	9.6	--	1
1,2,4-Trichlorobenzene	14		ug/kg	9.6	--	1
Methyl Acetate	ND		ug/kg	38	--	1
Cyclohexane	ND		ug/kg	38	--	1
1,4-Dioxane	ND		ug/kg	190	--	1
Methyl cyclohexane	ND		ug/kg	7.7	--	1
Freon-113	ND		ug/kg	38	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	115		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	97		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-09	Date Collected:	07/16/12 17:30
Client ID:	S-12L-B009-10.3-10.8	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/20/12 10:19		
Analyst:	BN		
Percent Solids:	91%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	15	--	1
1,1-Dichloroethane	ND		ug/kg	3.0	--	1
Chloroform	ND		ug/kg	3.0	--	1
Carbon tetrachloride	ND		ug/kg	3.0	--	1
1,2-Dichloropropane	ND		ug/kg	5.9	--	1
Dibromochloromethane	ND		ug/kg	3.0	--	1
1,1,2-Trichloroethane	ND		ug/kg	3.0	--	1
Tetrachloroethene	ND		ug/kg	3.0	--	1
Chlorobenzene	ND		ug/kg	3.0	--	1
Trichlorofluoromethane	ND		ug/kg	7.4	--	1
1,2-Dichloroethane	ND		ug/kg	3.0	--	1
1,1,1-Trichloroethane	ND		ug/kg	3.0	--	1
Bromodichloromethane	ND		ug/kg	3.0	--	1
trans-1,3-Dichloropropene	ND		ug/kg	3.0	--	1
cis-1,3-Dichloropropene	ND		ug/kg	3.0	--	1
Bromoform	ND		ug/kg	5.9	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	3.0	--	1
Benzene	ND		ug/kg	3.0	--	1
Toluene	ND		ug/kg	3.0	--	1
Ethylbenzene	ND		ug/kg	3.0	--	1
Chloromethane	ND		ug/kg	7.4	--	1
Bromomethane	ND		ug/kg	3.0	--	1
Vinyl chloride	9.0		ug/kg	3.0	--	1
Chloroethane	ND		ug/kg	3.0	--	1
1,1-Dichloroethene	ND		ug/kg	3.0	--	1
trans-1,2-Dichloroethene	ND		ug/kg	3.0	--	1
Trichloroethene	250		ug/kg	3.0	--	1
1,2-Dichlorobenzene	ND		ug/kg	7.4	--	1
1,3-Dichlorobenzene	ND		ug/kg	7.4	--	1
1,4-Dichlorobenzene	ND		ug/kg	7.4	--	1
Methyl tert butyl ether	ND		ug/kg	3.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-09 Date Collected: 07/16/12 17:30

Client ID: S-12L-B009-10.3-10.8 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	5.9	--	1
o-Xylene	ND		ug/kg	5.9	--	1
Xylenes, Total	ND		ug/kg	5.9	--	1
cis-1,2-Dichloroethene	340	E	ug/kg	3.0	--	1
Styrene	ND		ug/kg	5.9	--	1
Dichlorodifluoromethane	ND		ug/kg	15	--	1
Acetone	ND		ug/kg	53	--	1
Carbon disulfide	ND		ug/kg	15	--	1
2-Butanone	ND		ug/kg	15	--	1
4-Methyl-2-pentanone	ND		ug/kg	15	--	1
2-Hexanone	ND		ug/kg	15	--	1
Bromochloromethane	ND		ug/kg	7.4	--	1
1,2-Dibromoethane	ND		ug/kg	5.9	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.4	--	1
Isopropylbenzene	ND		ug/kg	3.0	--	1
1,2,3-Trichlorobenzene	12		ug/kg	7.4	--	1
1,2,4-Trichlorobenzene	45		ug/kg	7.4	--	1
Methyl Acetate	ND		ug/kg	30	--	1
Cyclohexane	ND		ug/kg	30	--	1
1,4-Dioxane	ND		ug/kg	150	--	1
Methyl cyclohexane	ND		ug/kg	5.9	--	1
Freon-113	ND		ug/kg	30	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	114		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	96		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-09	Date Collected:	07/16/12 17:30
Client ID:	S-12L-B009-10.3-10.8	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/21/12 16:52		
Analyst:	JL		
Percent Solids:	91%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	870	--	1
1,1-Dichloroethane	ND		ug/kg	170	--	1
Chloroform	ND		ug/kg	170	--	1
Carbon tetrachloride	ND		ug/kg	170	--	1
1,2-Dichloropropane	ND		ug/kg	350	--	1
Dibromochloromethane	ND		ug/kg	170	--	1
1,1,2-Trichloroethane	ND		ug/kg	170	--	1
Tetrachloroethene	ND		ug/kg	170	--	1
Chlorobenzene	ND		ug/kg	170	--	1
Trichlorofluoromethane	ND		ug/kg	440	--	1
1,2-Dichloroethane	ND		ug/kg	170	--	1
1,1,1-Trichloroethane	ND		ug/kg	170	--	1
Bromodichloromethane	ND		ug/kg	170	--	1
trans-1,3-Dichloropropene	ND		ug/kg	170	--	1
cis-1,3-Dichloropropene	ND		ug/kg	170	--	1
Bromoform	ND		ug/kg	350	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	170	--	1
Benzene	ND		ug/kg	170	--	1
Toluene	ND		ug/kg	170	--	1
Ethylbenzene	ND		ug/kg	170	--	1
Chloromethane	ND		ug/kg	440	--	1
Bromomethane	ND		ug/kg	170	--	1
Vinyl chloride	ND		ug/kg	170	--	1
Chloroethane	ND		ug/kg	170	--	1
1,1-Dichloroethene	ND		ug/kg	170	--	1
trans-1,2-Dichloroethene	ND		ug/kg	170	--	1
Trichloroethene	340		ug/kg	170	--	1
1,2-Dichlorobenzene	ND		ug/kg	440	--	1
1,3-Dichlorobenzene	ND		ug/kg	440	--	1
1,4-Dichlorobenzene	ND		ug/kg	440	--	1
Methyl tert butyl ether	ND		ug/kg	170	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-09 Date Collected: 07/16/12 17:30

Client ID: S-12L-B009-10.3-10.8 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	350	--	1
o-Xylene	ND		ug/kg	350	--	1
Xylenes, Total	ND		ug/kg	350	--	1
cis-1,2-Dichloroethene	410		ug/kg	170	--	1
Styrene	ND		ug/kg	350	--	1
Dichlorodifluoromethane	ND		ug/kg	870	--	1
Acetone	ND		ug/kg	3100	--	1
Carbon disulfide	ND		ug/kg	870	--	1
2-Butanone	ND		ug/kg	870	--	1
4-Methyl-2-pentanone	ND		ug/kg	870	--	1
2-Hexanone	ND		ug/kg	870	--	1
Bromochloromethane	ND		ug/kg	440	--	1
1,2-Dibromoethane	ND		ug/kg	350	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	440	--	1
Isopropylbenzene	ND		ug/kg	170	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	440	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	440	--	1
Methyl Acetate	ND		ug/kg	1700	--	1
Cyclohexane	ND		ug/kg	1700	--	1
1,4-Dioxane	ND		ug/kg	8700	--	1
Methyl cyclohexane	ND		ug/kg	350	--	1
Freon-113	ND		ug/kg	1700	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	114		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	93		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-10	Date Collected:	07/16/12 17:45
Client ID:	S-12L-B009-15.0-15.5	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/20/12 12:35		
Analyst:	JL		
Percent Solids:	91%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	750	--	1
1,1-Dichloroethane	ND		ug/kg	150	--	1
Chloroform	ND		ug/kg	150	--	1
Carbon tetrachloride	ND		ug/kg	150	--	1
1,2-Dichloropropane	ND		ug/kg	300	--	1
Dibromochloromethane	ND		ug/kg	150	--	1
1,1,2-Trichloroethane	ND		ug/kg	150	--	1
Tetrachloroethene	ND		ug/kg	150	--	1
Chlorobenzene	ND		ug/kg	150	--	1
Trichlorofluoromethane	ND		ug/kg	370	--	1
1,2-Dichloroethane	ND		ug/kg	150	--	1
1,1,1-Trichloroethane	ND		ug/kg	150	--	1
Bromodichloromethane	ND		ug/kg	150	--	1
trans-1,3-Dichloropropene	ND		ug/kg	150	--	1
cis-1,3-Dichloropropene	ND		ug/kg	150	--	1
Bromoform	ND		ug/kg	300	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	150	--	1
Benzene	ND		ug/kg	150	--	1
Toluene	ND		ug/kg	150	--	1
Ethylbenzene	ND		ug/kg	150	--	1
Chloromethane	ND		ug/kg	370	--	1
Bromomethane	ND		ug/kg	150	--	1
Vinyl chloride	ND		ug/kg	150	--	1
Chloroethane	ND		ug/kg	150	--	1
1,1-Dichloroethene	ND		ug/kg	150	--	1
trans-1,2-Dichloroethene	ND		ug/kg	150	--	1
Trichloroethene	700		ug/kg	150	--	1
1,2-Dichlorobenzene	ND		ug/kg	370	--	1
1,3-Dichlorobenzene	ND		ug/kg	370	--	1
1,4-Dichlorobenzene	ND		ug/kg	370	--	1
Methyl tert butyl ether	ND		ug/kg	150	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-10 Date Collected: 07/16/12 17:45

Client ID: S-12L-B009-15.0-15.5 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	300	--	1
o-Xylene	ND		ug/kg	300	--	1
Xylenes, Total	ND		ug/kg	300	--	1
cis-1,2-Dichloroethene	ND		ug/kg	150	--	1
Styrene	ND		ug/kg	300	--	1
Dichlorodifluoromethane	ND		ug/kg	750	--	1
Acetone	ND		ug/kg	2700	--	1
Carbon disulfide	ND		ug/kg	750	--	1
2-Butanone	ND		ug/kg	750	--	1
4-Methyl-2-pentanone	ND		ug/kg	750	--	1
2-Hexanone	ND		ug/kg	750	--	1
Bromochloromethane	ND		ug/kg	370	--	1
1,2-Dibromoethane	ND		ug/kg	300	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	370	--	1
Isopropylbenzene	ND		ug/kg	150	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	370	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	370	--	1
Methyl Acetate	ND		ug/kg	1500	--	1
Cyclohexane	ND		ug/kg	1500	--	1
1,4-Dioxane	ND		ug/kg	7500	--	1
Methyl cyclohexane	ND		ug/kg	300	--	1
Freon-113	ND		ug/kg	1500	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	114		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	92		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-11	Date Collected:	07/16/12 18:10
Client ID:	S-12L-B009-19.0-19.5	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/19/12 22:57		
Analyst:	JL		
Percent Solids:	92%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	20	--	1
1,1-Dichloroethane	ND		ug/kg	4.0	--	1
Chloroform	ND		ug/kg	4.0	--	1
Carbon tetrachloride	ND		ug/kg	4.0	--	1
1,2-Dichloropropane	ND		ug/kg	8.0	--	1
Dibromochloromethane	ND		ug/kg	4.0	--	1
1,1,2-Trichloroethane	ND		ug/kg	4.0	--	1
Tetrachloroethene	ND		ug/kg	4.0	--	1
Chlorobenzene	ND		ug/kg	4.0	--	1
Trichlorofluoromethane	ND		ug/kg	10	--	1
1,2-Dichloroethane	ND		ug/kg	4.0	--	1
1,1,1-Trichloroethane	ND		ug/kg	4.0	--	1
Bromodichloromethane	ND		ug/kg	4.0	--	1
trans-1,3-Dichloropropene	ND		ug/kg	4.0	--	1
cis-1,3-Dichloropropene	ND		ug/kg	4.0	--	1
Bromoform	ND		ug/kg	8.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	4.0	--	1
Benzene	ND		ug/kg	4.0	--	1
Toluene	ND		ug/kg	4.0	--	1
Ethylbenzene	ND		ug/kg	4.0	--	1
Chloromethane	ND		ug/kg	10	--	1
Bromomethane	ND		ug/kg	4.0	--	1
Vinyl chloride	ND		ug/kg	4.0	--	1
Chloroethane	ND		ug/kg	4.0	--	1
1,1-Dichloroethene	ND		ug/kg	4.0	--	1
trans-1,2-Dichloroethene	ND		ug/kg	4.0	--	1
Trichloroethene	120		ug/kg	4.0	--	1
1,2-Dichlorobenzene	ND		ug/kg	10	--	1
1,3-Dichlorobenzene	ND		ug/kg	10	--	1
1,4-Dichlorobenzene	ND		ug/kg	10	--	1
Methyl tert butyl ether	ND		ug/kg	4.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-11 Date Collected: 07/16/12 18:10

Client ID: S-12L-B009-19.0-19.5 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	8.0	--	1
o-Xylene	ND		ug/kg	8.0	--	1
Xylenes, Total	ND		ug/kg	8.0	--	1
cis-1,2-Dichloroethene	17		ug/kg	4.0	--	1
Styrene	ND		ug/kg	8.0	--	1
Dichlorodifluoromethane	ND		ug/kg	20	--	1
Acetone	ND		ug/kg	72	--	1
Carbon disulfide	ND		ug/kg	20	--	1
2-Butanone	ND		ug/kg	20	--	1
4-Methyl-2-pentanone	ND		ug/kg	20	--	1
2-Hexanone	ND		ug/kg	20	--	1
Bromochloromethane	ND		ug/kg	10	--	1
1,2-Dibromoethane	ND		ug/kg	8.0	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	10	--	1
Isopropylbenzene	ND		ug/kg	4.0	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	10	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	10	--	1
Methyl Acetate	ND		ug/kg	40	--	1
Cyclohexane	ND		ug/kg	40	--	1
1,4-Dioxane	ND		ug/kg	200	--	1
Methyl cyclohexane	ND		ug/kg	8.0	--	1
Freon-113	ND		ug/kg	40	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	100		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-12	Date Collected:	07/16/12 18:10
Client ID:	S-12L-B009-21.5-22.0	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/20/12 10:47		
Analyst:	BN		
Percent Solids:	89%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	18	--	1
1,1-Dichloroethane	ND		ug/kg	3.5	--	1
Chloroform	ND		ug/kg	3.5	--	1
Carbon tetrachloride	ND		ug/kg	3.5	--	1
1,2-Dichloropropane	ND		ug/kg	7.0	--	1
Dibromochloromethane	ND		ug/kg	3.5	--	1
1,1,2-Trichloroethane	ND		ug/kg	3.5	--	1
Tetrachloroethene	ND		ug/kg	3.5	--	1
Chlorobenzene	ND		ug/kg	3.5	--	1
Trichlorofluoromethane	ND		ug/kg	8.8	--	1
1,2-Dichloroethane	ND		ug/kg	3.5	--	1
1,1,1-Trichloroethane	ND		ug/kg	3.5	--	1
Bromodichloromethane	ND		ug/kg	3.5	--	1
trans-1,3-Dichloropropene	ND		ug/kg	3.5	--	1
cis-1,3-Dichloropropene	ND		ug/kg	3.5	--	1
Bromoform	ND		ug/kg	7.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	3.5	--	1
Benzene	ND		ug/kg	3.5	--	1
Toluene	ND		ug/kg	3.5	--	1
Ethylbenzene	ND		ug/kg	3.5	--	1
Chloromethane	ND		ug/kg	8.8	--	1
Bromomethane	ND		ug/kg	3.5	--	1
Vinyl chloride	ND		ug/kg	3.5	--	1
Chloroethane	ND		ug/kg	3.5	--	1
1,1-Dichloroethene	ND		ug/kg	3.5	--	1
trans-1,2-Dichloroethene	ND		ug/kg	3.5	--	1
Trichloroethene	290		ug/kg	3.5	--	1
1,2-Dichlorobenzene	ND		ug/kg	8.8	--	1
1,3-Dichlorobenzene	ND		ug/kg	8.8	--	1
1,4-Dichlorobenzene	ND		ug/kg	8.8	--	1
Methyl tert butyl ether	ND		ug/kg	3.5	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-12 Date Collected: 07/16/12 18:10

Client ID: S-12L-B009-21.5-22.0 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	7.0	--	1
o-Xylene	ND		ug/kg	7.0	--	1
Xylenes, Total	ND		ug/kg	7.0	--	1
cis-1,2-Dichloroethene	45		ug/kg	3.5	--	1
Styrene	ND		ug/kg	7.0	--	1
Dichlorodifluoromethane	ND		ug/kg	18	--	1
Acetone	ND		ug/kg	63	--	1
Carbon disulfide	ND		ug/kg	18	--	1
2-Butanone	ND		ug/kg	18	--	1
4-Methyl-2-pentanone	ND		ug/kg	18	--	1
2-Hexanone	ND		ug/kg	18	--	1
Bromochloromethane	ND		ug/kg	8.8	--	1
1,2-Dibromoethane	ND		ug/kg	7.0	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	8.8	--	1
Isopropylbenzene	ND		ug/kg	3.5	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	8.8	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	8.8	--	1
Methyl Acetate	ND		ug/kg	35	--	1
Cyclohexane	ND		ug/kg	35	--	1
1,4-Dioxane	ND		ug/kg	180	--	1
Methyl cyclohexane	ND		ug/kg	7.0	--	1
Freon-113	ND		ug/kg	35	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	115		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	96		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-13 D2	Date Collected:	07/17/12 08:15
Client ID:	S-12L-B008-0.5-1.0	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/21/12 17:46		
Analyst:	JL		
Percent Solids:	51%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
cis-1,2-Dichloroethene	1000000		ug/kg	23000	--	50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	114		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	94		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-13 D
Client ID: S-12L-B008-0.5-1.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment
Analytical Method: 1,8260B
Analytical Date: 07/20/12 13:29
Analyst: JL
Percent Solids: 51%

Date Collected: 07/17/12 08:15
Date Received: 07/17/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	11000	--	5
1,1-Dichloroethane	ND		ug/kg	2300	--	5
Chloroform	ND		ug/kg	2300	--	5
Carbon tetrachloride	ND		ug/kg	2300	--	5
1,2-Dichloropropane	ND		ug/kg	4500	--	5
Dibromochloromethane	ND		ug/kg	2300	--	5
1,1,2-Trichloroethane	ND		ug/kg	2300	--	5
Tetrachloroethene	ND		ug/kg	2300	--	5
Chlorobenzene	ND		ug/kg	2300	--	5
Trichlorofluoromethane	ND		ug/kg	5700	--	5
1,2-Dichloroethane	ND		ug/kg	2300	--	5
1,1,1-Trichloroethane	ND		ug/kg	2300	--	5
Bromodichloromethane	ND		ug/kg	2300	--	5
trans-1,3-Dichloropropene	ND		ug/kg	2300	--	5
cis-1,3-Dichloropropene	ND		ug/kg	2300	--	5
Bromoform	ND		ug/kg	4500	--	5
1,1,2,2-Tetrachloroethane	ND		ug/kg	2300	--	5
Benzene	ND		ug/kg	2300	--	5
Toluene	ND		ug/kg	2300	--	5
Ethylbenzene	ND		ug/kg	2300	--	5
Chloromethane	ND		ug/kg	5700	--	5
Bromomethane	ND		ug/kg	2300	--	5
Vinyl chloride	170000		ug/kg	2300	--	5
Chloroethane	ND		ug/kg	2300	--	5
1,1-Dichloroethene	ND		ug/kg	2300	--	5
trans-1,2-Dichloroethene	ND		ug/kg	2300	--	5
Trichloroethene	ND		ug/kg	2300	--	5
1,2-Dichlorobenzene	ND		ug/kg	5700	--	5
1,3-Dichlorobenzene	ND		ug/kg	5700	--	5
1,4-Dichlorobenzene	ND		ug/kg	5700	--	5
Methyl tert butyl ether	ND		ug/kg	2300	--	5

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-13 D Date Collected: 07/17/12 08:15

Client ID: S-12L-B008-0.5-1.0 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	4500	--	5
o-Xylene	ND		ug/kg	4500	--	5
Xylenes, Total	ND		ug/kg	4500	--	5
cis-1,2-Dichloroethene	1000000	E	ug/kg	2300	--	5
Styrene	ND		ug/kg	4500	--	5
Dichlorodifluoromethane	ND		ug/kg	11000	--	5
Acetone	ND		ug/kg	41000	--	5
Carbon disulfide	ND		ug/kg	11000	--	5
2-Butanone	ND		ug/kg	11000	--	5
4-Methyl-2-pentanone	ND		ug/kg	11000	--	5
2-Hexanone	ND		ug/kg	11000	--	5
Bromochloromethane	ND		ug/kg	5700	--	5
1,2-Dibromoethane	ND		ug/kg	4500	--	5
1,2-Dibromo-3-chloropropane	ND		ug/kg	5700	--	5
Isopropylbenzene	ND		ug/kg	2300	--	5
1,2,3-Trichlorobenzene	28000		ug/kg	5700	--	5
1,2,4-Trichlorobenzene	120000		ug/kg	5700	--	5
Methyl Acetate	ND		ug/kg	23000	--	5
Cyclohexane	ND		ug/kg	23000	--	5
1,4-Dioxane	ND		ug/kg	110000	--	5
Methyl cyclohexane	ND		ug/kg	4500	--	5
Freon-113	ND		ug/kg	23000	--	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	115		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	96		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-14 D2	Date Collected:	07/17/12 08:15
Client ID:	S-12L-B008-0.5-1.0REP	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/21/12 18:13		
Analyst:	JL		
Percent Solids:	51%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
cis-1,2-Dichloroethene	1600000		ug/kg	41000	--	100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	114		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	94		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-14 D	Date Collected:	07/17/12 08:15
Client ID:	S-12L-B008-0.5-1.0REP	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/20/12 04:45		
Analyst:	JL		
Percent Solids:	51%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	21000	--	10
1,1-Dichloroethane	ND		ug/kg	4100	--	10
Chloroform	ND		ug/kg	4100	--	10
Carbon tetrachloride	ND		ug/kg	4100	--	10
1,2-Dichloropropane	ND		ug/kg	8200	--	10
Dibromochloromethane	ND		ug/kg	4100	--	10
1,1,2-Trichloroethane	ND		ug/kg	4100	--	10
Tetrachloroethene	ND		ug/kg	4100	--	10
Chlorobenzene	ND		ug/kg	4100	--	10
Trichlorofluoromethane	ND		ug/kg	10000	--	10
1,2-Dichloroethane	ND		ug/kg	4100	--	10
1,1,1-Trichloroethane	ND		ug/kg	4100	--	10
Bromodichloromethane	ND		ug/kg	4100	--	10
trans-1,3-Dichloropropene	ND		ug/kg	4100	--	10
cis-1,3-Dichloropropene	ND		ug/kg	4100	--	10
Bromoform	ND		ug/kg	8200	--	10
1,1,2,2-Tetrachloroethane	ND		ug/kg	4100	--	10
Benzene	ND		ug/kg	4100	--	10
Toluene	ND		ug/kg	4100	--	10
Ethylbenzene	ND		ug/kg	4100	--	10
Chloromethane	ND		ug/kg	10000	--	10
Bromomethane	ND		ug/kg	4100	--	10
Vinyl chloride	240000		ug/kg	4100	--	10
Chloroethane	ND		ug/kg	4100	--	10
1,1-Dichloroethene	ND		ug/kg	4100	--	10
trans-1,2-Dichloroethene	ND		ug/kg	4100	--	10
Trichloroethene	ND		ug/kg	4100	--	10
1,2-Dichlorobenzene	ND		ug/kg	10000	--	10
1,3-Dichlorobenzene	ND		ug/kg	10000	--	10
1,4-Dichlorobenzene	ND		ug/kg	10000	--	10
Methyl tert butyl ether	ND		ug/kg	4100	--	10

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-14 D
Client ID: S-12L-B008-0.5-1.0REP
Sample Location: NEW BEDFORD, MA

Date Collected: 07/17/12 08:15
Date Received: 07/17/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	8200	--	10
o-Xylene	ND		ug/kg	8200	--	10
Xylenes, Total	ND		ug/kg	8200	--	10
cis-1,2-Dichloroethene	1500000	E	ug/kg	4100	--	10
Styrene	ND		ug/kg	8200	--	10
Dichlorodifluoromethane	ND		ug/kg	21000	--	10
Acetone	ND		ug/kg	74000	--	10
Carbon disulfide	ND		ug/kg	21000	--	10
2-Butanone	ND		ug/kg	21000	--	10
4-Methyl-2-pentanone	ND		ug/kg	21000	--	10
2-Hexanone	ND		ug/kg	21000	--	10
Bromochloromethane	ND		ug/kg	10000	--	10
1,2-Dibromoethane	ND		ug/kg	8200	--	10
1,2-Dibromo-3-chloropropane	ND		ug/kg	10000	--	10
Isopropylbenzene	ND		ug/kg	4100	--	10
1,2,3-Trichlorobenzene	73000		ug/kg	10000	--	10
1,2,4-Trichlorobenzene	320000		ug/kg	10000	--	10
Methyl Acetate	ND		ug/kg	41000	--	10
Cyclohexane	ND		ug/kg	41000	--	10
1,4-Dioxane	ND		ug/kg	210000	--	10
Methyl cyclohexane	ND		ug/kg	8200	--	10
Freon-113	ND		ug/kg	41000	--	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	115		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	93		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-15 D	Date Collected:	07/17/12 08:15
Client ID:	S-12L-B008-1.5-2.0	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/20/12 05:12		
Analyst:	JL		
Percent Solids:	52%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	99000	--	50
1,1-Dichloroethane	ND		ug/kg	20000	--	50
Chloroform	ND		ug/kg	20000	--	50
Carbon tetrachloride	ND		ug/kg	20000	--	50
1,2-Dichloropropane	ND		ug/kg	40000	--	50
Dibromochloromethane	ND		ug/kg	20000	--	50
1,1,2-Trichloroethane	ND		ug/kg	20000	--	50
Tetrachloroethene	ND		ug/kg	20000	--	50
Chlorobenzene	ND		ug/kg	20000	--	50
Trichlorofluoromethane	ND		ug/kg	49000	--	50
1,2-Dichloroethane	ND		ug/kg	20000	--	50
1,1,1-Trichloroethane	ND		ug/kg	20000	--	50
Bromodichloromethane	ND		ug/kg	20000	--	50
trans-1,3-Dichloropropene	ND		ug/kg	20000	--	50
cis-1,3-Dichloropropene	ND		ug/kg	20000	--	50
Bromoform	ND		ug/kg	40000	--	50
1,1,2,2-Tetrachloroethane	ND		ug/kg	20000	--	50
Benzene	ND		ug/kg	20000	--	50
Toluene	ND		ug/kg	20000	--	50
Ethylbenzene	ND		ug/kg	20000	--	50
Chloromethane	ND		ug/kg	49000	--	50
Bromomethane	ND		ug/kg	20000	--	50
Vinyl chloride	120000		ug/kg	20000	--	50
Chloroethane	ND		ug/kg	20000	--	50
1,1-Dichloroethene	ND		ug/kg	20000	--	50
trans-1,2-Dichloroethene	ND		ug/kg	20000	--	50
Trichloroethene	ND		ug/kg	20000	--	50
1,2-Dichlorobenzene	ND		ug/kg	49000	--	50
1,3-Dichlorobenzene	ND		ug/kg	49000	--	50
1,4-Dichlorobenzene	ND		ug/kg	49000	--	50
Methyl tert butyl ether	ND		ug/kg	20000	--	50

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-15 D Date Collected: 07/17/12 08:15

Client ID: S-12L-B008-1.5-2.0 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	40000	--	50
o-Xylene	ND		ug/kg	40000	--	50
Xylenes, Total	ND		ug/kg	40000	--	50
cis-1,2-Dichloroethene	1100000		ug/kg	20000	--	50
Styrene	ND		ug/kg	40000	--	50
Dichlorodifluoromethane	ND		ug/kg	99000	--	50
Acetone	ND		ug/kg	360000	--	50
Carbon disulfide	ND		ug/kg	99000	--	50
2-Butanone	ND		ug/kg	99000	--	50
4-Methyl-2-pentanone	ND		ug/kg	99000	--	50
2-Hexanone	ND		ug/kg	99000	--	50
Bromochloromethane	ND		ug/kg	49000	--	50
1,2-Dibromoethane	ND		ug/kg	40000	--	50
1,2-Dibromo-3-chloropropane	ND		ug/kg	49000	--	50
Isopropylbenzene	ND		ug/kg	20000	--	50
1,2,3-Trichlorobenzene	ND		ug/kg	49000	--	50
1,2,4-Trichlorobenzene	ND		ug/kg	49000	--	50
Methyl Acetate	ND		ug/kg	200000	--	50
Cyclohexane	ND		ug/kg	200000	--	50
1,4-Dioxane	ND		ug/kg	990000	--	50
Methyl cyclohexane	ND		ug/kg	40000	--	50
Freon-113	ND		ug/kg	200000	--	50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	115		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	95		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-16 D	Date Collected:	07/17/12 08:15
Client ID:	S-12L-B008-3.0-3.5	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/20/12 05:39		
Analyst:	JL		
Percent Solids:	54%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	64000	--	25
1,1-Dichloroethane	ND		ug/kg	13000	--	25
Chloroform	ND		ug/kg	13000	--	25
Carbon tetrachloride	ND		ug/kg	13000	--	25
1,2-Dichloropropane	ND		ug/kg	26000	--	25
Dibromochloromethane	ND		ug/kg	13000	--	25
1,1,2-Trichloroethane	ND		ug/kg	13000	--	25
Tetrachloroethene	ND		ug/kg	13000	--	25
Chlorobenzene	ND		ug/kg	13000	--	25
Trichlorofluoromethane	ND		ug/kg	32000	--	25
1,2-Dichloroethane	ND		ug/kg	13000	--	25
1,1,1-Trichloroethane	ND		ug/kg	13000	--	25
Bromodichloromethane	ND		ug/kg	13000	--	25
trans-1,3-Dichloropropene	ND		ug/kg	13000	--	25
cis-1,3-Dichloropropene	ND		ug/kg	13000	--	25
Bromoform	ND		ug/kg	26000	--	25
1,1,2,2-Tetrachloroethane	ND		ug/kg	13000	--	25
Benzene	ND		ug/kg	13000	--	25
Toluene	ND		ug/kg	13000	--	25
Ethylbenzene	ND		ug/kg	13000	--	25
Chloromethane	ND		ug/kg	32000	--	25
Bromomethane	ND		ug/kg	13000	--	25
Vinyl chloride	43000		ug/kg	13000	--	25
Chloroethane	ND		ug/kg	13000	--	25
1,1-Dichloroethene	ND		ug/kg	13000	--	25
trans-1,2-Dichloroethene	ND		ug/kg	13000	--	25
Trichloroethene	340000		ug/kg	13000	--	25
1,2-Dichlorobenzene	ND		ug/kg	32000	--	25
1,3-Dichlorobenzene	ND		ug/kg	32000	--	25
1,4-Dichlorobenzene	ND		ug/kg	32000	--	25
Methyl tert butyl ether	ND		ug/kg	13000	--	25

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-16 D Date Collected: 07/17/12 08:15

Client ID: S-12L-B008-3.0-3.5 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	26000	--	25
o-Xylene	ND		ug/kg	26000	--	25
Xylenes, Total	ND		ug/kg	26000	--	25
cis-1,2-Dichloroethene	960000		ug/kg	13000	--	25
Styrene	ND		ug/kg	26000	--	25
Dichlorodifluoromethane	ND		ug/kg	64000	--	25
Acetone	ND		ug/kg	230000	--	25
Carbon disulfide	ND		ug/kg	64000	--	25
2-Butanone	ND		ug/kg	64000	--	25
4-Methyl-2-pentanone	ND		ug/kg	64000	--	25
2-Hexanone	ND		ug/kg	64000	--	25
Bromochloromethane	ND		ug/kg	32000	--	25
1,2-Dibromoethane	ND		ug/kg	26000	--	25
1,2-Dibromo-3-chloropropane	ND		ug/kg	32000	--	25
Isopropylbenzene	ND		ug/kg	13000	--	25
1,2,3-Trichlorobenzene	ND		ug/kg	32000	--	25
1,2,4-Trichlorobenzene	ND		ug/kg	32000	--	25
Methyl Acetate	ND		ug/kg	130000	--	25
Cyclohexane	ND		ug/kg	130000	--	25
1,4-Dioxane	ND		ug/kg	640000	--	25
Methyl cyclohexane	ND		ug/kg	26000	--	25
Freon-113	ND		ug/kg	130000	--	25

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	113		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	95		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-17	Date Collected:	07/17/12 08:30
Client ID:	S-12L-B008-6.0-6.5	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/21/12 18:40		
Analyst:	JL		
Percent Solids:	50%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	2400	--	1
1,1-Dichloroethane	ND		ug/kg	480	--	1
Chloroform	ND		ug/kg	480	--	1
Carbon tetrachloride	ND		ug/kg	480	--	1
1,2-Dichloropropane	ND		ug/kg	960	--	1
Dibromochloromethane	ND		ug/kg	480	--	1
1,1,2-Trichloroethane	ND		ug/kg	480	--	1
Tetrachloroethene	ND		ug/kg	480	--	1
Chlorobenzene	ND		ug/kg	480	--	1
Trichlorofluoromethane	ND		ug/kg	1200	--	1
1,2-Dichloroethane	ND		ug/kg	480	--	1
1,1,1-Trichloroethane	ND		ug/kg	480	--	1
Bromodichloromethane	ND		ug/kg	480	--	1
trans-1,3-Dichloropropene	ND		ug/kg	480	--	1
cis-1,3-Dichloropropene	ND		ug/kg	480	--	1
Bromoform	ND		ug/kg	960	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	480	--	1
Benzene	ND		ug/kg	480	--	1
Toluene	ND		ug/kg	480	--	1
Ethylbenzene	ND		ug/kg	480	--	1
Chloromethane	ND		ug/kg	1200	--	1
Bromomethane	ND		ug/kg	480	--	1
Vinyl chloride	ND		ug/kg	480	--	1
Chloroethane	ND		ug/kg	480	--	1
1,1-Dichloroethene	ND		ug/kg	480	--	1
trans-1,2-Dichloroethene	ND		ug/kg	480	--	1
Trichloroethene	25000		ug/kg	480	--	1
1,2-Dichlorobenzene	ND		ug/kg	1200	--	1
1,3-Dichlorobenzene	ND		ug/kg	1200	--	1
1,4-Dichlorobenzene	ND		ug/kg	1200	--	1
Methyl tert butyl ether	ND		ug/kg	480	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-17 Date Collected: 07/17/12 08:30

Client ID: S-12L-B008-6.0-6.5 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	960	--	1
o-Xylene	ND		ug/kg	960	--	1
Xylenes, Total	ND		ug/kg	960	--	1
cis-1,2-Dichloroethene	17000		ug/kg	480	--	1
Styrene	ND		ug/kg	960	--	1
Dichlorodifluoromethane	ND		ug/kg	2400	--	1
Acetone	ND		ug/kg	8600	--	1
Carbon disulfide	ND		ug/kg	2400	--	1
2-Butanone	ND		ug/kg	2400	--	1
4-Methyl-2-pentanone	ND		ug/kg	2400	--	1
2-Hexanone	ND		ug/kg	2400	--	1
Bromochloromethane	ND		ug/kg	1200	--	1
1,2-Dibromoethane	ND		ug/kg	960	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	1200	--	1
Isopropylbenzene	ND		ug/kg	480	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	1200	--	1
1,2,4-Trichlorobenzene	3500		ug/kg	1200	--	1
Methyl Acetate	ND		ug/kg	4800	--	1
Cyclohexane	ND		ug/kg	4800	--	1
1,4-Dioxane	ND		ug/kg	24000	--	1
Methyl cyclohexane	ND		ug/kg	960	--	1
Freon-113	ND		ug/kg	4800	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	113		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	95		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-18 D	Date Collected:	07/17/12 08:30
Client ID:	S-12L-B008-7.5-8.0	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/20/12 06:33		
Analyst:	JL		
Percent Solids:	47%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	140000	--	50
1,1-Dichloroethane	ND		ug/kg	27000	--	50
Chloroform	ND		ug/kg	27000	--	50
Carbon tetrachloride	ND		ug/kg	27000	--	50
1,2-Dichloropropane	ND		ug/kg	55000	--	50
Dibromochloromethane	ND		ug/kg	27000	--	50
1,1,2-Trichloroethane	ND		ug/kg	27000	--	50
Tetrachloroethene	ND		ug/kg	27000	--	50
Chlorobenzene	ND		ug/kg	27000	--	50
Trichlorofluoromethane	ND		ug/kg	69000	--	50
1,2-Dichloroethane	ND		ug/kg	27000	--	50
1,1,1-Trichloroethane	ND		ug/kg	27000	--	50
Bromodichloromethane	ND		ug/kg	27000	--	50
trans-1,3-Dichloropropene	ND		ug/kg	27000	--	50
cis-1,3-Dichloropropene	ND		ug/kg	27000	--	50
Bromoform	ND		ug/kg	55000	--	50
1,1,2,2-Tetrachloroethane	ND		ug/kg	27000	--	50
Benzene	ND		ug/kg	27000	--	50
Toluene	ND		ug/kg	27000	--	50
Ethylbenzene	ND		ug/kg	27000	--	50
Chloromethane	ND		ug/kg	69000	--	50
Bromomethane	ND		ug/kg	27000	--	50
Vinyl chloride	ND		ug/kg	27000	--	50
Chloroethane	ND		ug/kg	27000	--	50
1,1-Dichloroethene	ND		ug/kg	27000	--	50
trans-1,2-Dichloroethene	ND		ug/kg	27000	--	50
Trichloroethene	620000		ug/kg	27000	--	50
1,2-Dichlorobenzene	ND		ug/kg	69000	--	50
1,3-Dichlorobenzene	ND		ug/kg	69000	--	50
1,4-Dichlorobenzene	ND		ug/kg	69000	--	50
Methyl tert butyl ether	ND		ug/kg	27000	--	50

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-18 D Date Collected: 07/17/12 08:30

Client ID: S-12L-B008-7.5-8.0 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	55000	--	50
o-Xylene	ND		ug/kg	55000	--	50
Xylenes, Total	ND		ug/kg	55000	--	50
cis-1,2-Dichloroethene	930000		ug/kg	27000	--	50
Styrene	ND		ug/kg	55000	--	50
Dichlorodifluoromethane	ND		ug/kg	140000	--	50
Acetone	ND		ug/kg	490000	--	50
Carbon disulfide	ND		ug/kg	140000	--	50
2-Butanone	ND		ug/kg	140000	--	50
4-Methyl-2-pentanone	ND		ug/kg	140000	--	50
2-Hexanone	ND		ug/kg	140000	--	50
Bromochloromethane	ND		ug/kg	69000	--	50
1,2-Dibromoethane	ND		ug/kg	55000	--	50
1,2-Dibromo-3-chloropropane	ND		ug/kg	69000	--	50
Isopropylbenzene	ND		ug/kg	27000	--	50
1,2,3-Trichlorobenzene	ND		ug/kg	69000	--	50
1,2,4-Trichlorobenzene	ND		ug/kg	69000	--	50
Methyl Acetate	ND		ug/kg	270000	--	50
Cyclohexane	ND		ug/kg	270000	--	50
1,4-Dioxane	ND		ug/kg	1400000	--	50
Methyl cyclohexane	ND		ug/kg	55000	--	50
Freon-113	ND		ug/kg	270000	--	50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	113		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	95		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-19	Date Collected:	07/17/12 09:00
Client ID:	EB-071712-01	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	1,8260B		
Analytical Date:	07/18/12 16:19		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	1
1,1-Dichloroethane	ND		ug/l	0.75	--	1
Chloroform	ND		ug/l	0.75	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	1.8	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.75	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
Trichlorofluoromethane	ND		ug/l	2.5	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.75	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	1.0	--	1
Vinyl chloride	ND		ug/l	1.0	--	1
Chloroethane	ND		ug/l	1.0	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	2.5	--	1
1,3-Dichlorobenzene	ND		ug/l	2.5	--	1
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
Methyl tert butyl ether	ND		ug/l	1.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-19 Date Collected: 07/17/12 09:00

Client ID: EB-071712-01 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/l	1.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
Xylenes, Total	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1
1,2-Dibromoethane	ND		ug/l	2.0	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1
Methyl Acetate	ND		ug/l	10	--	1
Cyclohexane	ND		ug/l	10	--	1
1,4-Dioxane	ND		ug/l	250	--	1
Freon-113	ND		ug/l	10	--	1
Methyl cyclohexane	ND		ug/l	10	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	96		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-20	Date Collected:	07/17/12 11:15
Client ID:	EB-071712-02	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	1,8260B		
Analytical Date:	07/18/12 16:54		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	1
1,1-Dichloroethane	ND		ug/l	0.75	--	1
Chloroform	ND		ug/l	0.75	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	1.8	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.75	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
Trichlorofluoromethane	ND		ug/l	2.5	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.75	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	1.0	--	1
Vinyl chloride	ND		ug/l	1.0	--	1
Chloroethane	ND		ug/l	1.0	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	2.5	--	1
1,3-Dichlorobenzene	ND		ug/l	2.5	--	1
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
Methyl tert butyl ether	ND		ug/l	1.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-20 Date Collected: 07/17/12 11:15

Client ID: EB-071712-02 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/l	1.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
Xylenes, Total	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1
1,2-Dibromoethane	ND		ug/l	2.0	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1
Methyl Acetate	ND		ug/l	10	--	1
Cyclohexane	ND		ug/l	10	--	1
1,4-Dioxane	ND		ug/l	250	--	1
Freon-113	ND		ug/l	10	--	1
Methyl cyclohexane	ND		ug/l	10	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	97		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-21	Date Collected:	07/17/12 08:55
Client ID:	S-12L-B008-11.0-11.5	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/21/12 19:08		
Analyst:	JL		
Percent Solids:	89%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	1200	--	1
1,1-Dichloroethane	ND		ug/kg	250	--	1
Chloroform	ND		ug/kg	250	--	1
Carbon tetrachloride	ND		ug/kg	250	--	1
1,2-Dichloropropane	ND		ug/kg	490	--	1
Dibromochloromethane	ND		ug/kg	250	--	1
1,1,2-Trichloroethane	ND		ug/kg	250	--	1
Tetrachloroethene	ND		ug/kg	250	--	1
Chlorobenzene	ND		ug/kg	250	--	1
Trichlorofluoromethane	ND		ug/kg	620	--	1
1,2-Dichloroethane	ND		ug/kg	250	--	1
1,1,1-Trichloroethane	ND		ug/kg	250	--	1
Bromodichloromethane	ND		ug/kg	250	--	1
trans-1,3-Dichloropropene	ND		ug/kg	250	--	1
cis-1,3-Dichloropropene	ND		ug/kg	250	--	1
Bromoform	ND		ug/kg	490	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	250	--	1
Benzene	ND		ug/kg	250	--	1
Toluene	ND		ug/kg	250	--	1
Ethylbenzene	ND		ug/kg	250	--	1
Chloromethane	ND		ug/kg	620	--	1
Bromomethane	ND		ug/kg	250	--	1
Vinyl chloride	ND		ug/kg	250	--	1
Chloroethane	ND		ug/kg	250	--	1
1,1-Dichloroethene	ND		ug/kg	250	--	1
trans-1,2-Dichloroethene	ND		ug/kg	250	--	1
Trichloroethene	ND		ug/kg	250	--	1
1,2-Dichlorobenzene	ND		ug/kg	620	--	1
1,3-Dichlorobenzene	ND		ug/kg	620	--	1
1,4-Dichlorobenzene	ND		ug/kg	620	--	1
Methyl tert butyl ether	ND		ug/kg	250	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-21 Date Collected: 07/17/12 08:55

Client ID: S-12L-B008-11.0-11.5 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	490	--	1
o-Xylene	ND		ug/kg	490	--	1
Xylenes, Total	ND		ug/kg	490	--	1
cis-1,2-Dichloroethene	ND		ug/kg	250	--	1
Styrene	ND		ug/kg	490	--	1
Dichlorodifluoromethane	ND		ug/kg	1200	--	1
Acetone	ND		ug/kg	4400	--	1
Carbon disulfide	ND		ug/kg	1200	--	1
2-Butanone	ND		ug/kg	1200	--	1
4-Methyl-2-pentanone	ND		ug/kg	1200	--	1
2-Hexanone	ND		ug/kg	1200	--	1
Bromochloromethane	ND		ug/kg	620	--	1
1,2-Dibromoethane	ND		ug/kg	490	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	620	--	1
Isopropylbenzene	ND		ug/kg	250	--	1
1,2,3-Trichlorobenzene	860		ug/kg	620	--	1
1,2,4-Trichlorobenzene	3800		ug/kg	620	--	1
Methyl Acetate	ND		ug/kg	2500	--	1
Cyclohexane	ND		ug/kg	2500	--	1
1,4-Dioxane	ND		ug/kg	12000	--	1
Methyl cyclohexane	ND		ug/kg	490	--	1
Freon-113	ND		ug/kg	2500	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	115		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	92		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-22	Date Collected:	07/17/12 09:25
Client ID:	S-12L-B008-16.5-17.0	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/21/12 12:22		
Analyst:	JL		
Percent Solids:	92%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	730	--	1
1,1-Dichloroethane	ND		ug/kg	150	--	1
Chloroform	ND		ug/kg	150	--	1
Carbon tetrachloride	ND		ug/kg	150	--	1
1,2-Dichloropropane	ND		ug/kg	290	--	1
Dibromochloromethane	ND		ug/kg	150	--	1
1,1,2-Trichloroethane	ND		ug/kg	150	--	1
Tetrachloroethene	ND		ug/kg	150	--	1
Chlorobenzene	ND		ug/kg	150	--	1
Trichlorofluoromethane	ND		ug/kg	370	--	1
1,2-Dichloroethane	ND		ug/kg	150	--	1
1,1,1-Trichloroethane	ND		ug/kg	150	--	1
Bromodichloromethane	ND		ug/kg	150	--	1
trans-1,3-Dichloropropene	ND		ug/kg	150	--	1
cis-1,3-Dichloropropene	ND		ug/kg	150	--	1
Bromoform	ND		ug/kg	290	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	150	--	1
Benzene	ND		ug/kg	150	--	1
Toluene	ND		ug/kg	150	--	1
Ethylbenzene	ND		ug/kg	150	--	1
Chloromethane	ND		ug/kg	370	--	1
Bromomethane	ND		ug/kg	150	--	1
Vinyl chloride	ND		ug/kg	150	--	1
Chloroethane	ND		ug/kg	150	--	1
1,1-Dichloroethene	ND		ug/kg	150	--	1
trans-1,2-Dichloroethene	ND		ug/kg	150	--	1
Trichloroethene	ND		ug/kg	150	--	1
1,2-Dichlorobenzene	ND		ug/kg	370	--	1
1,3-Dichlorobenzene	ND		ug/kg	370	--	1
1,4-Dichlorobenzene	ND		ug/kg	370	--	1
Methyl tert butyl ether	ND		ug/kg	150	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-22 Date Collected: 07/17/12 09:25

Client ID: S-12L-B008-16.5-17.0 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	290	--	1
o-Xylene	ND		ug/kg	290	--	1
Xylenes, Total	ND		ug/kg	290	--	1
cis-1,2-Dichloroethene	ND		ug/kg	150	--	1
Styrene	ND		ug/kg	290	--	1
Dichlorodifluoromethane	ND		ug/kg	730	--	1
Acetone	ND		ug/kg	2600	--	1
Carbon disulfide	ND		ug/kg	730	--	1
2-Butanone	ND		ug/kg	730	--	1
4-Methyl-2-pentanone	ND		ug/kg	730	--	1
2-Hexanone	ND		ug/kg	730	--	1
Bromochloromethane	ND		ug/kg	370	--	1
1,2-Dibromoethane	ND		ug/kg	290	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	370	--	1
Isopropylbenzene	ND		ug/kg	150	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	370	--	1
1,2,4-Trichlorobenzene	760		ug/kg	370	--	1
Methyl Acetate	ND		ug/kg	1500	--	1
Cyclohexane	ND		ug/kg	1500	--	1
1,4-Dioxane	ND		ug/kg	7300	--	1
Methyl cyclohexane	ND		ug/kg	290	--	1
Freon-113	ND		ug/kg	1500	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	116		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	92		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-23	Date Collected:	07/17/12 09:55
Client ID:	S-12L-B008-21.0-21.5	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/20/12 01:42		
Analyst:	JL		
Percent Solids:	92%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	21	--	1
1,1-Dichloroethane	ND		ug/kg	4.2	--	1
Chloroform	ND		ug/kg	4.2	--	1
Carbon tetrachloride	ND		ug/kg	4.2	--	1
1,2-Dichloropropane	ND		ug/kg	8.4	--	1
Dibromochloromethane	ND		ug/kg	4.2	--	1
1,1,2-Trichloroethane	ND		ug/kg	4.2	--	1
Tetrachloroethene	ND		ug/kg	4.2	--	1
Chlorobenzene	ND		ug/kg	4.2	--	1
Trichlorofluoromethane	ND		ug/kg	10	--	1
1,2-Dichloroethane	ND		ug/kg	4.2	--	1
1,1,1-Trichloroethane	ND		ug/kg	4.2	--	1
Bromodichloromethane	ND		ug/kg	4.2	--	1
trans-1,3-Dichloropropene	ND		ug/kg	4.2	--	1
cis-1,3-Dichloropropene	ND		ug/kg	4.2	--	1
Bromoform	ND		ug/kg	8.4	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	4.2	--	1
Benzene	ND		ug/kg	4.2	--	1
Toluene	ND		ug/kg	4.2	--	1
Ethylbenzene	ND		ug/kg	4.2	--	1
Chloromethane	ND		ug/kg	10	--	1
Bromomethane	ND		ug/kg	4.2	--	1
Vinyl chloride	ND		ug/kg	4.2	--	1
Chloroethane	ND		ug/kg	4.2	--	1
1,1-Dichloroethene	ND		ug/kg	4.2	--	1
trans-1,2-Dichloroethene	ND		ug/kg	4.2	--	1
Trichloroethene	220		ug/kg	4.2	--	1
1,2-Dichlorobenzene	ND		ug/kg	10	--	1
1,3-Dichlorobenzene	ND		ug/kg	10	--	1
1,4-Dichlorobenzene	ND		ug/kg	10	--	1
Methyl tert butyl ether	ND		ug/kg	4.2	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-23 Date Collected: 07/17/12 09:55

Client ID: S-12L-B008-21.0-21.5 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	8.4	--	1
o-Xylene	ND		ug/kg	8.4	--	1
Xylenes, Total	ND		ug/kg	8.4	--	1
cis-1,2-Dichloroethene	91		ug/kg	4.2	--	1
Styrene	ND		ug/kg	8.4	--	1
Dichlorodifluoromethane	ND		ug/kg	21	--	1
Acetone	ND		ug/kg	75	--	1
Carbon disulfide	ND		ug/kg	21	--	1
2-Butanone	ND		ug/kg	21	--	1
4-Methyl-2-pentanone	ND		ug/kg	21	--	1
2-Hexanone	ND		ug/kg	21	--	1
Bromochloromethane	ND		ug/kg	10	--	1
1,2-Dibromoethane	ND		ug/kg	8.4	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	10	--	1
Isopropylbenzene	ND		ug/kg	4.2	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	10	--	1
1,2,4-Trichlorobenzene	13		ug/kg	10	--	1
Methyl Acetate	ND		ug/kg	42	--	1
Cyclohexane	ND		ug/kg	42	--	1
1,4-Dioxane	ND		ug/kg	210	--	1
Methyl cyclohexane	ND		ug/kg	8.4	--	1
Freon-113	ND		ug/kg	42	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	97		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-24	Date Collected:	07/17/12 09:55
Client ID:	S-12L-B008-22.2-22.7	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/20/12 02:10		
Analyst:	JL		
Percent Solids:	92%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	13	--	1
1,1-Dichloroethane	ND		ug/kg	2.6	--	1
Chloroform	ND		ug/kg	2.6	--	1
Carbon tetrachloride	ND		ug/kg	2.6	--	1
1,2-Dichloropropane	ND		ug/kg	5.3	--	1
Dibromochloromethane	ND		ug/kg	2.6	--	1
1,1,2-Trichloroethane	ND		ug/kg	2.6	--	1
Tetrachloroethene	ND		ug/kg	2.6	--	1
Chlorobenzene	ND		ug/kg	2.6	--	1
Trichlorofluoromethane	ND		ug/kg	6.6	--	1
1,2-Dichloroethane	ND		ug/kg	2.6	--	1
1,1,1-Trichloroethane	ND		ug/kg	2.6	--	1
Bromodichloromethane	ND		ug/kg	2.6	--	1
trans-1,3-Dichloropropene	ND		ug/kg	2.6	--	1
cis-1,3-Dichloropropene	ND		ug/kg	2.6	--	1
Bromoform	ND		ug/kg	5.3	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.6	--	1
Benzene	ND		ug/kg	2.6	--	1
Toluene	ND		ug/kg	2.6	--	1
Ethylbenzene	ND		ug/kg	2.6	--	1
Chloromethane	ND		ug/kg	6.6	--	1
Bromomethane	ND		ug/kg	2.6	--	1
Vinyl chloride	ND		ug/kg	2.6	--	1
Chloroethane	ND		ug/kg	2.6	--	1
1,1-Dichloroethene	ND		ug/kg	2.6	--	1
trans-1,2-Dichloroethene	ND		ug/kg	2.6	--	1
Trichloroethene	140		ug/kg	2.6	--	1
1,2-Dichlorobenzene	ND		ug/kg	6.6	--	1
1,3-Dichlorobenzene	ND		ug/kg	6.6	--	1
1,4-Dichlorobenzene	ND		ug/kg	6.6	--	1
Methyl tert butyl ether	ND		ug/kg	2.6	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-24 Date Collected: 07/17/12 09:55

Client ID: S-12L-B008-22.2-22.7 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	5.3	--	1
o-Xylene	ND		ug/kg	5.3	--	1
Xylenes, Total	ND		ug/kg	5.3	--	1
cis-1,2-Dichloroethene	65		ug/kg	2.6	--	1
Styrene	ND		ug/kg	5.3	--	1
Dichlorodifluoromethane	ND		ug/kg	13	--	1
Acetone	ND		ug/kg	48	--	1
Carbon disulfide	ND		ug/kg	13	--	1
2-Butanone	ND		ug/kg	13	--	1
4-Methyl-2-pentanone	ND		ug/kg	13	--	1
2-Hexanone	ND		ug/kg	13	--	1
Bromochloromethane	ND		ug/kg	6.6	--	1
1,2-Dibromoethane	ND		ug/kg	5.3	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.6	--	1
Isopropylbenzene	ND		ug/kg	2.6	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.6	--	1
1,2,4-Trichlorobenzene	9.9		ug/kg	6.6	--	1
Methyl Acetate	ND		ug/kg	26	--	1
Cyclohexane	ND		ug/kg	26	--	1
1,4-Dioxane	ND		ug/kg	130	--	1
Methyl cyclohexane	ND		ug/kg	5.3	--	1
Freon-113	ND		ug/kg	26	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	94		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-26	Date Collected:	07/16/12 18:30
Client ID:	TB-071712-02	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/20/12 02:57		
Analyst:	JL		
Percent Solids:	Results reported on an 'AS RECEIVED' basis.		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	500	--	1
1,1-Dichloroethane	ND		ug/kg	100	--	1
Chloroform	ND		ug/kg	100	--	1
Carbon tetrachloride	ND		ug/kg	100	--	1
1,2-Dichloropropane	ND		ug/kg	200	--	1
Dibromochloromethane	ND		ug/kg	100	--	1
1,1,2-Trichloroethane	ND		ug/kg	100	--	1
Tetrachloroethene	ND		ug/kg	100	--	1
Chlorobenzene	ND		ug/kg	100	--	1
Trichlorofluoromethane	ND		ug/kg	250	--	1
1,2-Dichloroethane	ND		ug/kg	100	--	1
1,1,1-Trichloroethane	ND		ug/kg	100	--	1
Bromodichloromethane	ND		ug/kg	100	--	1
trans-1,3-Dichloropropene	ND		ug/kg	100	--	1
cis-1,3-Dichloropropene	ND		ug/kg	100	--	1
Bromoform	ND		ug/kg	200	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	100	--	1
Benzene	ND		ug/kg	100	--	1
Toluene	ND		ug/kg	100	--	1
Ethylbenzene	ND		ug/kg	100	--	1
Chloromethane	ND		ug/kg	250	--	1
Bromomethane	ND		ug/kg	100	--	1
Vinyl chloride	ND		ug/kg	100	--	1
Chloroethane	ND		ug/kg	100	--	1
1,1-Dichloroethene	ND		ug/kg	100	--	1
trans-1,2-Dichloroethene	ND		ug/kg	100	--	1
Trichloroethene	ND		ug/kg	100	--	1
1,2-Dichlorobenzene	ND		ug/kg	250	--	1
1,3-Dichlorobenzene	ND		ug/kg	250	--	1
1,4-Dichlorobenzene	ND		ug/kg	250	--	1
Methyl tert butyl ether	ND		ug/kg	100	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-26 Date Collected: 07/16/12 18:30

Client ID: TB-071712-02 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	200	--	1
o-Xylene	ND		ug/kg	200	--	1
Xylenes, Total	ND		ug/kg	200	--	1
cis-1,2-Dichloroethene	ND		ug/kg	100	--	1
Styrene	ND		ug/kg	200	--	1
Dichlorodifluoromethane	ND		ug/kg	500	--	1
Acetone	ND		ug/kg	1800	--	1
Carbon disulfide	ND		ug/kg	500	--	1
2-Butanone	ND		ug/kg	500	--	1
4-Methyl-2-pentanone	ND		ug/kg	500	--	1
2-Hexanone	ND		ug/kg	500	--	1
Bromochloromethane	ND		ug/kg	250	--	1
1,2-Dibromoethane	ND		ug/kg	200	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	--	1
Isopropylbenzene	ND		ug/kg	100	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	250	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	250	--	1
Methyl Acetate	ND		ug/kg	1000	--	1
Cyclohexane	ND		ug/kg	1000	--	1
1,4-Dioxane	ND		ug/kg	5000	--	1
Methyl cyclohexane	ND		ug/kg	200	--	1
Freon-113	ND		ug/kg	1000	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	115		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	91		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/18/12 13:18
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,19-20 Batch: WG549462-3					
Methylene chloride	ND		ug/l	3.0	--
1,1-Dichloroethane	ND		ug/l	0.75	--
Chloroform	1.2		ug/l	0.75	--
Carbon tetrachloride	ND		ug/l	0.50	--
1,2-Dichloropropane	ND		ug/l	1.8	--
Dibromochloromethane	ND		ug/l	0.50	--
1,1,2-Trichloroethane	ND		ug/l	0.75	--
Tetrachloroethene	ND		ug/l	0.50	--
Chlorobenzene	ND		ug/l	0.50	--
Trichlorofluoromethane	ND		ug/l	2.5	--
1,2-Dichloroethane	ND		ug/l	0.50	--
1,1,1-Trichloroethane	ND		ug/l	0.50	--
Bromodichloromethane	ND		ug/l	0.50	--
trans-1,3-Dichloropropene	ND		ug/l	0.50	--
cis-1,3-Dichloropropene	ND		ug/l	0.50	--
Bromoform	ND		ug/l	2.0	--
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--
Benzene	ND		ug/l	0.50	--
Toluene	ND		ug/l	0.75	--
Ethylbenzene	ND		ug/l	0.50	--
Chloromethane	ND		ug/l	2.5	--
Bromomethane	ND		ug/l	1.0	--
Vinyl chloride	ND		ug/l	1.0	--
Chloroethane	ND		ug/l	1.0	--
1,1-Dichloroethene	ND		ug/l	0.50	--
trans-1,2-Dichloroethene	ND		ug/l	0.75	--
Trichloroethene	ND		ug/l	0.50	--
1,2-Dichlorobenzene	ND		ug/l	2.5	--
1,3-Dichlorobenzene	ND		ug/l	2.5	--
1,4-Dichlorobenzene	ND		ug/l	2.5	--
Methyl tert butyl ether	ND		ug/l	1.0	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/18/12 13:18
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,19-20 Batch: WG549462-3					
p/m-Xylene	ND		ug/l	1.0	--
o-Xylene	ND		ug/l	1.0	--
Xylenes, Total	ND		ug/l	1.0	--
cis-1,2-Dichloroethene	ND		ug/l	0.50	--
Styrene	ND		ug/l	1.0	--
Dichlorodifluoromethane	ND		ug/l	5.0	--
Acetone	ND		ug/l	5.0	--
Carbon disulfide	ND		ug/l	5.0	--
2-Butanone	ND		ug/l	5.0	--
4-Methyl-2-pentanone	ND		ug/l	5.0	--
2-Hexanone	ND		ug/l	5.0	--
Bromochloromethane	ND		ug/l	2.5	--
1,2-Dibromoethane	ND		ug/l	2.0	--
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--
Isopropylbenzene	ND		ug/l	0.50	--
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--
Methyl Acetate	ND		ug/l	10	--
Cyclohexane	ND		ug/l	10	--
1,4-Dioxane	ND		ug/l	250	--
Freon-113	ND		ug/l	10	--
Methyl cyclohexane	ND		ug/l	10	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	97		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/21/12 11:01
Analyst: JL

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 09,14 Batch: WG549753-11					
Methylene chloride	ND		ug/kg	500	--
1,1-Dichloroethane	ND		ug/kg	100	--
Chloroform	ND		ug/kg	100	--
Carbon tetrachloride	ND		ug/kg	100	--
1,2-Dichloropropane	ND		ug/kg	200	--
Dibromochloromethane	ND		ug/kg	100	--
1,1,2-Trichloroethane	ND		ug/kg	100	--
Tetrachloroethene	ND		ug/kg	100	--
Chlorobenzene	ND		ug/kg	100	--
Trichlorofluoromethane	ND		ug/kg	250	--
1,2-Dichloroethane	ND		ug/kg	100	--
1,1,1-Trichloroethane	ND		ug/kg	100	--
Bromodichloromethane	ND		ug/kg	100	--
trans-1,3-Dichloropropene	ND		ug/kg	100	--
cis-1,3-Dichloropropene	ND		ug/kg	100	--
Bromoform	ND		ug/kg	200	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	100	--
Benzene	ND		ug/kg	100	--
Toluene	ND		ug/kg	100	--
Ethylbenzene	ND		ug/kg	100	--
Chloromethane	ND		ug/kg	250	--
Bromomethane	ND		ug/kg	100	--
Vinyl chloride	ND		ug/kg	100	--
Chloroethane	ND		ug/kg	100	--
1,1-Dichloroethene	ND		ug/kg	100	--
trans-1,2-Dichloroethene	ND		ug/kg	100	--
Trichloroethene	ND		ug/kg	100	--
1,2-Dichlorobenzene	ND		ug/kg	250	--
1,3-Dichlorobenzene	ND		ug/kg	250	--
1,4-Dichlorobenzene	ND		ug/kg	250	--
Methyl tert butyl ether	ND		ug/kg	100	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/21/12 11:01
Analyst: JL

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 09,14 Batch: WG549753-11					
p/m-Xylene	ND		ug/kg	200	--
o-Xylene	ND		ug/kg	200	--
Xylenes, Total	ND		ug/kg	200	--
cis-1,2-Dichloroethene	ND		ug/kg	100	--
Styrene	ND		ug/kg	200	--
Dichlorodifluoromethane	ND		ug/kg	500	--
Acetone	ND		ug/kg	1800	--
Carbon disulfide	ND		ug/kg	500	--
2-Butanone	ND		ug/kg	500	--
4-Methyl-2-pentanone	ND		ug/kg	500	--
2-Hexanone	ND		ug/kg	500	--
Bromochloromethane	ND		ug/kg	250	--
1,2-Dibromoethane	ND		ug/kg	200	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	--
Isopropylbenzene	ND		ug/kg	100	--
1,2,3-Trichlorobenzene	ND		ug/kg	250	--
1,2,4-Trichlorobenzene	ND		ug/kg	250	--
Methyl Acetate	ND		ug/kg	1000	--
Cyclohexane	ND		ug/kg	1000	--
1,4-Dioxane	ND		ug/kg	5000	--
Methyl cyclohexane	ND		ug/kg	200	--
Freon-113	ND		ug/kg	1000	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	114		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	96		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/19/12 21:05
Analyst: JL

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 03-04,14-16,18,26 Batch: WG549753-3					
Methylene chloride	ND		ug/kg	500	--
1,1-Dichloroethane	ND		ug/kg	100	--
Chloroform	ND		ug/kg	100	--
Carbon tetrachloride	ND		ug/kg	100	--
1,2-Dichloropropane	ND		ug/kg	200	--
Dibromochloromethane	ND		ug/kg	100	--
1,1,2-Trichloroethane	ND		ug/kg	100	--
Tetrachloroethene	ND		ug/kg	100	--
Chlorobenzene	ND		ug/kg	100	--
Trichlorofluoromethane	ND		ug/kg	250	--
1,2-Dichloroethane	ND		ug/kg	100	--
1,1,1-Trichloroethane	ND		ug/kg	100	--
Bromodichloromethane	ND		ug/kg	100	--
trans-1,3-Dichloropropene	ND		ug/kg	100	--
cis-1,3-Dichloropropene	ND		ug/kg	100	--
Bromoform	ND		ug/kg	200	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	100	--
Benzene	ND		ug/kg	100	--
Toluene	ND		ug/kg	100	--
Ethylbenzene	ND		ug/kg	100	--
Chloromethane	ND		ug/kg	250	--
Bromomethane	ND		ug/kg	100	--
Vinyl chloride	ND		ug/kg	100	--
Chloroethane	ND		ug/kg	100	--
1,1-Dichloroethene	ND		ug/kg	100	--
trans-1,2-Dichloroethene	ND		ug/kg	100	--
Trichloroethene	ND		ug/kg	100	--
1,2-Dichlorobenzene	ND		ug/kg	250	--
1,3-Dichlorobenzene	ND		ug/kg	250	--
1,4-Dichlorobenzene	ND		ug/kg	250	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/19/12 21:05
Analyst: JL

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 03-04,14-16,18,26 Batch: WG549753-3					
Methyl tert butyl ether	ND		ug/kg	100	--
p/m-Xylene	ND		ug/kg	200	--
o-Xylene	ND		ug/kg	200	--
Xylenes, Total	ND		ug/kg	200	--
cis-1,2-Dichloroethene	ND		ug/kg	100	--
Styrene	ND		ug/kg	200	--
Dichlorodifluoromethane	ND		ug/kg	500	--
Acetone	ND		ug/kg	1800	--
Carbon disulfide	ND		ug/kg	500	--
2-Butanone	ND		ug/kg	500	--
4-Methyl-2-pentanone	ND		ug/kg	500	--
2-Hexanone	ND		ug/kg	500	--
Bromochloromethane	ND		ug/kg	250	--
1,2-Dibromoethane	ND		ug/kg	200	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	--
Isopropylbenzene	ND		ug/kg	100	--
1,2,3-Trichlorobenzene	ND		ug/kg	250	--
1,2,4-Trichlorobenzene	ND		ug/kg	250	--
Methyl Acetate	ND		ug/kg	1000	--
Cyclohexane	ND		ug/kg	1000	--
1,4-Dioxane	ND		ug/kg	5000	--
Methyl cyclohexane	ND		ug/kg	200	--
Freon-113	ND		ug/kg	1000	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/19/12 21:05
Analyst: JL

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 03-04,14-16,18,26 Batch: WG549753-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	113		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	95		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/20/12 09:25
Analyst: JL

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 03,05,07,10 Batch: WG549753-8					
Methylene chloride	ND		ug/kg	500	--
1,1-Dichloroethane	ND		ug/kg	100	--
Chloroform	ND		ug/kg	100	--
Carbon tetrachloride	ND		ug/kg	100	--
1,2-Dichloropropane	ND		ug/kg	200	--
Dibromochloromethane	ND		ug/kg	100	--
1,1,2-Trichloroethane	ND		ug/kg	100	--
Tetrachloroethene	ND		ug/kg	100	--
Chlorobenzene	ND		ug/kg	100	--
Trichlorofluoromethane	ND		ug/kg	250	--
1,2-Dichloroethane	ND		ug/kg	100	--
1,1,1-Trichloroethane	ND		ug/kg	100	--
Bromodichloromethane	ND		ug/kg	100	--
trans-1,3-Dichloropropene	ND		ug/kg	100	--
cis-1,3-Dichloropropene	ND		ug/kg	100	--
Bromoform	ND		ug/kg	200	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	100	--
Benzene	ND		ug/kg	100	--
Toluene	ND		ug/kg	100	--
Ethylbenzene	ND		ug/kg	100	--
Chloromethane	ND		ug/kg	250	--
Bromomethane	ND		ug/kg	100	--
Vinyl chloride	ND		ug/kg	100	--
Chloroethane	ND		ug/kg	100	--
1,1-Dichloroethene	ND		ug/kg	100	--
trans-1,2-Dichloroethene	ND		ug/kg	100	--
Trichloroethene	ND		ug/kg	100	--
1,2-Dichlorobenzene	ND		ug/kg	250	--
1,3-Dichlorobenzene	ND		ug/kg	250	--
1,4-Dichlorobenzene	ND		ug/kg	250	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/20/12 09:25
Analyst: JL

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 03,05,07,10 Batch: WG549753-8					
Methyl tert butyl ether	ND		ug/kg	100	--
p/m-Xylene	ND		ug/kg	200	--
o-Xylene	ND		ug/kg	200	--
Xylenes, Total	ND		ug/kg	200	--
cis-1,2-Dichloroethene	ND		ug/kg	100	--
Styrene	ND		ug/kg	200	--
Dichlorodifluoromethane	ND		ug/kg	500	--
Acetone	ND		ug/kg	1800	--
Carbon disulfide	ND		ug/kg	500	--
2-Butanone	ND		ug/kg	500	--
4-Methyl-2-pentanone	ND		ug/kg	500	--
2-Hexanone	ND		ug/kg	500	--
Bromochloromethane	ND		ug/kg	250	--
1,2-Dibromoethane	ND		ug/kg	200	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	--
Isopropylbenzene	ND		ug/kg	100	--
1,2,3-Trichlorobenzene	ND		ug/kg	250	--
1,2,4-Trichlorobenzene	ND		ug/kg	250	--
Methyl Acetate	ND		ug/kg	1000	--
Cyclohexane	ND		ug/kg	1000	--
1,4-Dioxane	ND		ug/kg	5000	--
Methyl cyclohexane	ND		ug/kg	200	--
Freon-113	ND		ug/kg	1000	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/20/12 09:25
Analyst: JL

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 03,05,07,10 Batch: WG549753-8					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	114		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	97		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/19/12 21:07
Analyst: JL

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 06,11,23-24 Batch: WG549766-3					
Methylene chloride	ND		ug/kg	10	--
1,1-Dichloroethane	ND		ug/kg	2.0	--
Chloroform	ND		ug/kg	2.0	--
Carbon tetrachloride	ND		ug/kg	2.0	--
1,2-Dichloropropane	ND		ug/kg	4.0	--
Dibromochloromethane	ND		ug/kg	2.0	--
1,1,2-Trichloroethane	ND		ug/kg	2.0	--
Tetrachloroethene	ND		ug/kg	2.0	--
Chlorobenzene	ND		ug/kg	2.0	--
Trichlorofluoromethane	ND		ug/kg	5.0	--
1,2-Dichloroethane	ND		ug/kg	2.0	--
1,1,1-Trichloroethane	ND		ug/kg	2.0	--
Bromodichloromethane	ND		ug/kg	2.0	--
trans-1,3-Dichloropropene	ND		ug/kg	2.0	--
cis-1,3-Dichloropropene	ND		ug/kg	2.0	--
Bromoform	ND		ug/kg	4.0	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.0	--
Benzene	ND		ug/kg	2.0	--
Toluene	ND		ug/kg	2.0	--
Ethylbenzene	ND		ug/kg	2.0	--
Chloromethane	ND		ug/kg	5.0	--
Bromomethane	ND		ug/kg	2.0	--
Vinyl chloride	ND		ug/kg	2.0	--
Chloroethane	ND		ug/kg	2.0	--
1,1-Dichloroethene	ND		ug/kg	2.0	--
trans-1,2-Dichloroethene	ND		ug/kg	2.0	--
Trichloroethene	ND		ug/kg	2.0	--
1,2-Dichlorobenzene	ND		ug/kg	5.0	--
1,3-Dichlorobenzene	ND		ug/kg	5.0	--
1,4-Dichlorobenzene	ND		ug/kg	5.0	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/19/12 21:07
Analyst: JL

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 06,11,23-24 Batch: WG549766-3					
Methyl tert butyl ether	ND		ug/kg	2.0	--
p/m-Xylene	ND		ug/kg	4.0	--
o-Xylene	ND		ug/kg	4.0	--
Xylenes, Total	ND		ug/kg	4.0	--
cis-1,2-Dichloroethene	ND		ug/kg	2.0	--
Styrene	ND		ug/kg	4.0	--
Dichlorodifluoromethane	ND		ug/kg	10	--
Acetone	ND		ug/kg	36	--
Carbon disulfide	ND		ug/kg	10	--
2-Butanone	ND		ug/kg	10	--
4-Methyl-2-pentanone	ND		ug/kg	10	--
2-Hexanone	ND		ug/kg	10	--
Bromochloromethane	ND		ug/kg	5.0	--
1,2-Dibromoethane	ND		ug/kg	4.0	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	--
Isopropylbenzene	ND		ug/kg	2.0	--
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	--
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	--
Methyl Acetate	ND		ug/kg	20	--
Cyclohexane	ND		ug/kg	20	--
1,4-Dioxane	ND		ug/kg	100	--
Methyl cyclohexane	ND		ug/kg	4.0	--
Freon-113	ND		ug/kg	20	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/19/12 21:07
Analyst: JL

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 06,11,23-24 Batch: WG549766-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	100		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/20/12 09:25
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 08-09,12 Batch: WG550017-3					
Methylene chloride	ND		ug/kg	10	--
1,1-Dichloroethane	ND		ug/kg	2.0	--
Chloroform	ND		ug/kg	2.0	--
Carbon tetrachloride	ND		ug/kg	2.0	--
1,2-Dichloropropane	ND		ug/kg	4.0	--
Dibromochloromethane	ND		ug/kg	2.0	--
1,1,2-Trichloroethane	ND		ug/kg	2.0	--
Tetrachloroethene	ND		ug/kg	2.0	--
Chlorobenzene	ND		ug/kg	2.0	--
Trichlorofluoromethane	ND		ug/kg	5.0	--
1,2-Dichloroethane	ND		ug/kg	2.0	--
1,1,1-Trichloroethane	ND		ug/kg	2.0	--
Bromodichloromethane	ND		ug/kg	2.0	--
trans-1,3-Dichloropropene	ND		ug/kg	2.0	--
cis-1,3-Dichloropropene	ND		ug/kg	2.0	--
Bromoform	ND		ug/kg	4.0	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.0	--
Benzene	ND		ug/kg	2.0	--
Toluene	ND		ug/kg	2.0	--
Ethylbenzene	ND		ug/kg	2.0	--
Chloromethane	ND		ug/kg	5.0	--
Bromomethane	ND		ug/kg	2.0	--
Vinyl chloride	ND		ug/kg	2.0	--
Chloroethane	ND		ug/kg	2.0	--
1,1-Dichloroethene	ND		ug/kg	2.0	--
trans-1,2-Dichloroethene	ND		ug/kg	2.0	--
Trichloroethene	ND		ug/kg	2.0	--
1,2-Dichlorobenzene	ND		ug/kg	5.0	--
1,3-Dichlorobenzene	ND		ug/kg	5.0	--
1,4-Dichlorobenzene	ND		ug/kg	5.0	--
Methyl tert butyl ether	ND		ug/kg	2.0	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/20/12 09:25
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 08-09,12 Batch: WG550017-3					
p/m-Xylene	ND		ug/kg	4.0	--
o-Xylene	ND		ug/kg	4.0	--
Xylenes, Total	ND		ug/kg	4.0	--
cis-1,2-Dichloroethene	ND		ug/kg	2.0	--
Styrene	ND		ug/kg	4.0	--
Dichlorodifluoromethane	ND		ug/kg	10	--
Acetone	ND		ug/kg	36	--
Carbon disulfide	ND		ug/kg	10	--
2-Butanone	ND		ug/kg	10	--
4-Methyl-2-pentanone	ND		ug/kg	10	--
2-Hexanone	ND		ug/kg	10	--
Bromochloromethane	ND		ug/kg	5.0	--
1,2-Dibromoethane	ND		ug/kg	4.0	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	--
Isopropylbenzene	ND		ug/kg	2.0	--
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	--
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	--
Methyl Acetate	ND		ug/kg	20	--
Cyclohexane	ND		ug/kg	20	--
1,4-Dioxane	ND		ug/kg	100	--
Methyl cyclohexane	ND		ug/kg	4.0	--
Freon-113	ND		ug/kg	20	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	114		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	97		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/21/12 11:01
Analyst: JL

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 13,17,21-22 Batch: WG550191-3					
Methylene chloride	ND		ug/kg	500	--
1,1-Dichloroethane	ND		ug/kg	100	--
Chloroform	ND		ug/kg	100	--
Carbon tetrachloride	ND		ug/kg	100	--
1,2-Dichloropropane	ND		ug/kg	200	--
Dibromochloromethane	ND		ug/kg	100	--
1,1,2-Trichloroethane	ND		ug/kg	100	--
Tetrachloroethene	ND		ug/kg	100	--
Chlorobenzene	ND		ug/kg	100	--
Trichlorofluoromethane	ND		ug/kg	250	--
1,2-Dichloroethane	ND		ug/kg	100	--
1,1,1-Trichloroethane	ND		ug/kg	100	--
Bromodichloromethane	ND		ug/kg	100	--
trans-1,3-Dichloropropene	ND		ug/kg	100	--
cis-1,3-Dichloropropene	ND		ug/kg	100	--
Bromoform	ND		ug/kg	200	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	100	--
Benzene	ND		ug/kg	100	--
Toluene	ND		ug/kg	100	--
Ethylbenzene	ND		ug/kg	100	--
Chloromethane	ND		ug/kg	250	--
Bromomethane	ND		ug/kg	100	--
Vinyl chloride	ND		ug/kg	100	--
Chloroethane	ND		ug/kg	100	--
1,1-Dichloroethene	ND		ug/kg	100	--
trans-1,2-Dichloroethene	ND		ug/kg	100	--
Trichloroethene	ND		ug/kg	100	--
1,2-Dichlorobenzene	ND		ug/kg	250	--
1,3-Dichlorobenzene	ND		ug/kg	250	--
1,4-Dichlorobenzene	ND		ug/kg	250	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/21/12 11:01
Analyst: JL

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 13,17,21-22 Batch: WG550191-3					
Methyl tert butyl ether	ND		ug/kg	100	--
p/m-Xylene	ND		ug/kg	200	--
o-Xylene	ND		ug/kg	200	--
Xylenes, Total	ND		ug/kg	200	--
cis-1,2-Dichloroethene	ND		ug/kg	100	--
Styrene	ND		ug/kg	200	--
Dichlorodifluoromethane	ND		ug/kg	500	--
Acetone	ND		ug/kg	1800	--
Carbon disulfide	ND		ug/kg	500	--
2-Butanone	ND		ug/kg	500	--
4-Methyl-2-pentanone	ND		ug/kg	500	--
2-Hexanone	ND		ug/kg	500	--
Bromochloromethane	ND		ug/kg	250	--
1,2-Dibromoethane	ND		ug/kg	200	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	--
Isopropylbenzene	ND		ug/kg	100	--
1,2,3-Trichlorobenzene	ND		ug/kg	250	--
1,2,4-Trichlorobenzene	ND		ug/kg	250	--
Methyl Acetate	ND		ug/kg	1000	--
Cyclohexane	ND		ug/kg	1000	--
1,4-Dioxane	ND		ug/kg	5000	--
Methyl cyclohexane	ND		ug/kg	200	--
Freon-113	ND		ug/kg	1000	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/21/12 11:01
Analyst: JL

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 13,17,21-22 Batch: WG550191-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	114		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	96		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/20/12 09:25
Analyst: JL

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 13 Batch: WG550191-8					
Methylene chloride	ND		ug/kg	500	--
1,1-Dichloroethane	ND		ug/kg	100	--
Chloroform	ND		ug/kg	100	--
Carbon tetrachloride	ND		ug/kg	100	--
1,2-Dichloropropane	ND		ug/kg	200	--
Dibromochloromethane	ND		ug/kg	100	--
1,1,2-Trichloroethane	ND		ug/kg	100	--
Tetrachloroethene	ND		ug/kg	100	--
Chlorobenzene	ND		ug/kg	100	--
Trichlorofluoromethane	ND		ug/kg	250	--
1,2-Dichloroethane	ND		ug/kg	100	--
1,1,1-Trichloroethane	ND		ug/kg	100	--
Bromodichloromethane	ND		ug/kg	100	--
trans-1,3-Dichloropropene	ND		ug/kg	100	--
cis-1,3-Dichloropropene	ND		ug/kg	100	--
Bromoform	ND		ug/kg	200	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	100	--
Benzene	ND		ug/kg	100	--
Toluene	ND		ug/kg	100	--
Ethylbenzene	ND		ug/kg	100	--
Chloromethane	ND		ug/kg	250	--
Bromomethane	ND		ug/kg	100	--
Vinyl chloride	ND		ug/kg	100	--
Chloroethane	ND		ug/kg	100	--
1,1-Dichloroethene	ND		ug/kg	100	--
trans-1,2-Dichloroethene	ND		ug/kg	100	--
Trichloroethene	ND		ug/kg	100	--
1,2-Dichlorobenzene	ND		ug/kg	250	--
1,3-Dichlorobenzene	ND		ug/kg	250	--
1,4-Dichlorobenzene	ND		ug/kg	250	--
Methyl tert butyl ether	ND		ug/kg	100	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/20/12 09:25
Analyst: JL

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 13 Batch: WG550191-8					
p/m-Xylene	ND		ug/kg	200	--
o-Xylene	ND		ug/kg	200	--
Xylenes, Total	ND		ug/kg	200	--
cis-1,2-Dichloroethene	ND		ug/kg	100	--
Styrene	ND		ug/kg	200	--
Dichlorodifluoromethane	ND		ug/kg	500	--
Acetone	ND		ug/kg	1800	--
Carbon disulfide	ND		ug/kg	500	--
2-Butanone	ND		ug/kg	500	--
4-Methyl-2-pentanone	ND		ug/kg	500	--
2-Hexanone	ND		ug/kg	500	--
Bromochloromethane	ND		ug/kg	250	--
1,2-Dibromoethane	ND		ug/kg	200	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	--
Isopropylbenzene	ND		ug/kg	100	--
1,2,3-Trichlorobenzene	ND		ug/kg	250	--
1,2,4-Trichlorobenzene	ND		ug/kg	250	--
Methyl Acetate	ND		ug/kg	1000	--
Cyclohexane	ND		ug/kg	1000	--
1,4-Dioxane	ND		ug/kg	5000	--
Methyl cyclohexane	ND		ug/kg	200	--
Freon-113	ND		ug/kg	1000	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	114		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	97		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212707

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,19-20 Batch: WG549462-1 WG549462-2								
Methylene chloride	100		101		70-130	1		20
1,1-Dichloroethane	92		91		70-130	1		20
Chloroform	118		116		70-130	2		20
Carbon tetrachloride	80		86		63-132	7		20
1,2-Dichloropropane	88		88		70-130	0		20
Dibromochloromethane	80		85		63-130	6		20
1,1,2-Trichloroethane	92		94		70-130	2		20
Tetrachloroethene	110		108		70-130	2		20
Chlorobenzene	100		99		75-130	1		25
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	96		99		70-130	3		20
1,1,1-Trichloroethane	88		92		67-130	4		20
Bromodichloromethane	84		88		67-130	5		20
trans-1,3-Dichloropropene	72		76		70-130	5		20
cis-1,3-Dichloropropene	79		83		70-130	5		20
Bromoform	76		84		54-136	10		20
1,1,2,2-Tetrachloroethane	84		86		67-130	2		20
Benzene	98		98		70-130	0		25
Toluene	98		97		70-130	1		25
Ethylbenzene	100		98		70-130	2		20
Chloromethane	94		96		64-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212707

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,19-20 Batch: WG549462-1 WG549462-2								
Bromomethane	105		100		39-139	5		20
Vinyl chloride	104		105		55-140	1		20
Chloroethane	96		95		55-138	1		20
1,1-Dichloroethene	102		102		61-145	0		25
trans-1,2-Dichloroethene	101		100		70-130	1		20
Trichloroethene	101		101		70-130	0		25
1,2-Dichlorobenzene	99		99		70-130	0		20
1,3-Dichlorobenzene	99		99		70-130	0		20
1,4-Dichlorobenzene	97		96		70-130	1		20
Methyl tert butyl ether	95		99		63-130	4		20
p/m-Xylene	101		100		70-130	1		20
o-Xylene	102		101		70-130	1		20
cis-1,2-Dichloroethene	102		104		70-130	2		20
Styrene	104		104		70-130	0		20
Dichlorodifluoromethane	104		101		36-147	3		20
Acetone	111		125		58-148	12		20
Carbon disulfide	92		92		51-130	0		20
2-Butanone	90		90		63-138	0		20
4-Methyl-2-pentanone	79		82		59-130	4		20
2-Hexanone	73		76		57-130	4		20
Bromochloromethane	111		110		70-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212707

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,19-20 Batch: WG549462-1 WG549462-2								
1,2-Dibromoethane	95		98		70-130	3		20
1,2-Dibromo-3-chloropropane	63		72		41-144	13		20
Isopropylbenzene	104		102		70-130	2		20
1,2,3-Trichlorobenzene	98		99		70-130	1		20
1,2,4-Trichlorobenzene	102		100		70-130	2		20
Methyl Acetate	76		74		70-130	3		20
Cyclohexane	80		78		70-130	3		20
1,4-Dioxane	98		100		56-162	2		20
1,1,2-Trichloro-1,2,2-Trifluoroethane	102		100		70-130	2		20
Methyl cyclohexane	96		91		70-130	5		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		94		70-130
Toluene-d8	97		95		70-130
4-Bromofluorobenzene	91		90		70-130
Dibromofluoromethane	100		101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212707

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 03-04,14-16,18,26 Batch: WG549753-1 WG549753-2								
Methylene chloride	85		86		70-130	1		30
1,1-Dichloroethane	85		87		70-130	2		30
Chloroform	84		86		70-130	2		30
Carbon tetrachloride	87		88		70-130	1		30
1,2-Dichloropropane	85		88		70-130	3		30
Dibromochloromethane	94		97		70-130	3		30
1,1,2-Trichloroethane	93		96		70-130	3		30
Tetrachloroethene	100		101		70-130	1		30
Chlorobenzene	99		99		70-130	0		30
Trichlorofluoromethane	76		77		70-139	1		30
1,2-Dichloroethane	84		86		70-130	2		30
1,1,1-Trichloroethane	87		88		70-130	1		30
Bromodichloromethane	84		85		70-130	1		30
trans-1,3-Dichloropropene	96		98		70-130	2		30
cis-1,3-Dichloropropene	83		85		70-130	2		30
Bromoform	90		95		70-130	5		30
1,1,2,2-Tetrachloroethane	99		104		70-130	5		30
Benzene	83		83		70-130	0		30
Toluene	96		96		70-130	0		30
Ethylbenzene	99		100		70-130	1		30
Chloromethane	96		94		52-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212707

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 03-04,14-16,18,26 Batch: WG549753-1 WG549753-2								
Bromomethane	108		96		57-147	12		30
Vinyl chloride	94		95		67-130	1		30
Chloroethane	94		90		50-151	4		30
1,1-Dichloroethene	82		87		65-135	6		30
trans-1,2-Dichloroethene	85		86		70-130	1		30
Trichloroethene	87		88		70-130	1		30
1,2-Dichlorobenzene	108		110		70-130	2		30
1,3-Dichlorobenzene	110		112		70-130	2		30
1,4-Dichlorobenzene	109		110		70-130	1		30
Methyl tert butyl ether	78		81		66-130	4		30
p/m-Xylene	100		100		70-130	0		30
o-Xylene	100		100		70-130	0		30
cis-1,2-Dichloroethene	84		86		70-130	2		30
Styrene	98		98		70-130	0		30
Dichlorodifluoromethane	86		85		30-146	1		30
Acetone	110		94		54-140	16		30
Carbon disulfide	86		86		59-130	0		30
2-Butanone	91		91		70-130	0		30
4-Methyl-2-pentanone	77		79		70-130	3		30
2-Hexanone	99		100		70-130	1		30
Bromochloromethane	89		89		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212707

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 03-04,14-16,18,26 Batch: WG549753-1 WG549753-2								
1,2-Dibromoethane	95		98		70-130	3		30
1,2-Dibromo-3-chloropropane	97		101		68-130	4		30
Isopropylbenzene	110		114		70-130	4		30
1,2,3-Trichlorobenzene	105		112		70-130	6		30
1,2,4-Trichlorobenzene	112		116		70-130	4		30
Methyl Acetate	80		84		65-130	5		30
Cyclohexane	86		86		70-130	0		30
1,4-Dioxane	88		88		65-136	0		30
Methyl cyclohexane	83		82		70-130	1		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	81		83		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		106		70-130
Toluene-d8	113		113		70-130
4-Bromofluorobenzene	104		106		70-130
Dibromofluoromethane	97		98		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212707

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 03,05,07,10 Batch: WG549753-6 WG549753-7								
Methylene chloride	82		82		70-130	0		30
1,1-Dichloroethane	85		81		70-130	5		30
Chloroform	80		78		70-130	3		30
Carbon tetrachloride	84		80		70-130	5		30
1,2-Dichloropropane	81		80		70-130	1		30
Dibromochloromethane	89		90		70-130	1		30
1,1,2-Trichloroethane	90		91		70-130	1		30
Tetrachloroethene	95		94		70-130	1		30
Chlorobenzene	92		91		70-130	1		30
Trichlorofluoromethane	73		70		70-139	4		30
1,2-Dichloroethane	79		80		70-130	1		30
1,1,1-Trichloroethane	84		80		70-130	5		30
Bromodichloromethane	76		78		70-130	3		30
trans-1,3-Dichloropropene	90		91		70-130	1		30
cis-1,3-Dichloropropene	78		78		70-130	0		30
Bromoform	87		89		70-130	2		30
1,1,2,2-Tetrachloroethane	98		97		70-130	1		30
Benzene	78		77		70-130	1		30
Toluene	93		90		70-130	3		30
Ethylbenzene	93		91		70-130	2		30
Chloromethane	102		89		52-130	14		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212707

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 03,05,07,10 Batch: WG549753-6 WG549753-7								
Bromomethane	96		85		57-147	12		30
Vinyl chloride	100		91		67-130	9		30
Chloroethane	83		80		50-151	4		30
1,1-Dichloroethene	87		81		65-135	7		30
trans-1,2-Dichloroethene	84		79		70-130	6		30
Trichloroethene	81		80		70-130	1		30
1,2-Dichlorobenzene	103		101		70-130	2		30
1,3-Dichlorobenzene	105		103		70-130	2		30
1,4-Dichlorobenzene	103		102		70-130	1		30
Methyl tert butyl ether	78		77		66-130	1		30
p/m-Xylene	94		92		70-130	2		30
o-Xylene	93		91		70-130	2		30
cis-1,2-Dichloroethene	82		80		70-130	2		30
Styrene	90		90		70-130	0		30
Dichlorodifluoromethane	94		86		30-146	9		30
Acetone	97		95		54-140	2		30
Carbon disulfide	85		79		59-130	7		30
2-Butanone	86		82		70-130	5		30
4-Methyl-2-pentanone	73		74		70-130	1		30
2-Hexanone	93		92		70-130	1		30
Bromochloromethane	83		82		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212707

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 03,05,07,10 Batch: WG549753-6 WG549753-7								
1,2-Dibromoethane	90		92		70-130	2		30
1,2-Dibromo-3-chloropropane	92		96		68-130	4		30
Isopropylbenzene	108		103		70-130	5		30
1,2,3-Trichlorobenzene	102		102		70-130	0		30
1,2,4-Trichlorobenzene	108		105		70-130	3		30
Methyl Acetate	85		83		65-130	2		30
Cyclohexane	90		85		70-130	6		30
1,4-Dioxane	80		84		65-136	5		30
Methyl cyclohexane	83		80		70-130	4		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	88		82		70-130	7		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		103		70-130
Toluene-d8	114		114		70-130
4-Bromofluorobenzene	108		105		70-130
Dibromofluoromethane	96		97		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212707

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 09,14 Batch: WG549753-9 WG549753-10								
Methylene chloride	86		84		70-130	2		30
1,1-Dichloroethane	87		84		70-130	4		30
Chloroform	85		81		70-130	5		30
Carbon tetrachloride	85		82		70-130	4		30
1,2-Dichloropropane	86		84		70-130	2		30
Dibromochloromethane	96		94		70-130	2		30
1,1,2-Trichloroethane	97		94		70-130	3		30
Tetrachloroethene	99		90		70-130	10		30
Chlorobenzene	98		94		70-130	4		30
Trichlorofluoromethane	77		74		70-139	4		30
1,2-Dichloroethane	86		85		70-130	1		30
1,1,1-Trichloroethane	86		83		70-130	4		30
Bromodichloromethane	84		82		70-130	2		30
trans-1,3-Dichloropropene	98		95		70-130	3		30
cis-1,3-Dichloropropene	84		82		70-130	2		30
Bromoform	94		91		70-130	3		30
1,1,2,2-Tetrachloroethane	105		102		70-130	3		30
Benzene	82		79		70-130	4		30
Toluene	96		90		70-130	6		30
Ethylbenzene	98		93		70-130	5		30
Chloromethane	100		97		52-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212707

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 09,14 Batch: WG549753-9 WG549753-10								
Bromomethane	105		91		57-147	14		30
Vinyl chloride	96		92		67-130	4		30
Chloroethane	93		88		50-151	6		30
1,1-Dichloroethene	84		79		65-135	6		30
trans-1,2-Dichloroethene	84		80		70-130	5		30
Trichloroethene	86		81		70-130	6		30
1,2-Dichlorobenzene	109		107		70-130	2		30
1,3-Dichlorobenzene	110		106		70-130	4		30
1,4-Dichlorobenzene	110		106		70-130	4		30
Methyl tert butyl ether	82		80		66-130	2		30
p/m-Xylene	100		94		70-130	6		30
o-Xylene	98		94		70-130	4		30
cis-1,2-Dichloroethene	84		82		70-130	2		30
Styrene	97		93		70-130	4		30
Dichlorodifluoromethane	87		82		30-146	6		30
Acetone	124		110		54-140	12		30
Carbon disulfide	86		81		59-130	6		30
2-Butanone	101		96		70-130	5		30
4-Methyl-2-pentanone	82		81		70-130	1		30
2-Hexanone	107		103		70-130	4		30
Bromochloromethane	88		83		70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212707

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 09,14 Batch: WG549753-9 WG549753-10								
1,2-Dibromoethane	96		94		70-130	2		30
1,2-Dibromo-3-chloropropane	101		103		68-130	2		30
Isopropylbenzene	109		102		70-130	7		30
1,2,3-Trichlorobenzene	106		104		70-130	2		30
1,2,4-Trichlorobenzene	111		108		70-130	3		30
Methyl Acetate	91		88		65-130	3		30
Cyclohexane	87		83		70-130	5		30
1,4-Dioxane	88		88		65-136	0		30
Methyl cyclohexane	82		77		70-130	6		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	82		79		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		107		70-130
Toluene-d8	114		113		70-130
4-Bromofluorobenzene	104		103		70-130
Dibromofluoromethane	99		99		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212707

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 06,11,23-24 Batch: WG549766-1 WG549766-2								
Methylene chloride	101		101		70-130	0		30
1,1-Dichloroethane	101		101		70-130	0		30
Chloroform	100		100		70-130	0		30
Carbon tetrachloride	100		100		70-130	0		30
1,2-Dichloropropane	102		101		70-130	1		30
Dibromochloromethane	96		97		70-130	1		30
1,1,2-Trichloroethane	96		97		70-130	1		30
Tetrachloroethene	102		100		70-130	2		30
Chlorobenzene	99		98		70-130	1		30
Trichlorofluoromethane	105		104		70-139	1		30
1,2-Dichloroethane	99		98		70-130	1		30
1,1,1-Trichloroethane	102		101		70-130	1		30
Bromodichloromethane	99		98		70-130	1		30
trans-1,3-Dichloropropene	96		95		70-130	1		30
cis-1,3-Dichloropropene	100		99		70-130	1		30
Bromoform	94		95		70-130	1		30
1,1,2,2-Tetrachloroethane	93		93		70-130	0		30
Benzene	102		100		70-130	2		30
Toluene	95		94		70-130	1		30
Ethylbenzene	99		97		70-130	2		30
Chloromethane	99		97		52-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212707

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 06,11,23-24 Batch: WG549766-1 WG549766-2								
Bromomethane	99		94		57-147	5		30
Vinyl chloride	106		105		67-130	1		30
Chloroethane	110		107		50-151	3		30
1,1-Dichloroethene	103		103		65-135	0		30
trans-1,2-Dichloroethene	104		104		70-130	0		30
Trichloroethene	104		102		70-130	2		30
1,2-Dichlorobenzene	96		95		70-130	1		30
1,3-Dichlorobenzene	98		96		70-130	2		30
1,4-Dichlorobenzene	98		96		70-130	2		30
Methyl tert butyl ether	97		97		66-130	0		30
p/m-Xylene	101		98		70-130	3		30
o-Xylene	101		99		70-130	2		30
cis-1,2-Dichloroethene	103		102		70-130	1		30
Styrene	100		98		70-130	2		30
Dichlorodifluoromethane	93		92		30-146	1		30
Acetone	112		95		54-140	16		30
Carbon disulfide	102		101		59-130	1		30
2-Butanone	99		88		70-130	12		30
4-Methyl-2-pentanone	98		97		70-130	1		30
2-Hexanone	90		88		70-130	2		30
Bromochloromethane	105		104		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212707

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 06,11,23-24 Batch: WG549766-1 WG549766-2								
1,2-Dibromoethane	96		97		70-130	1		30
1,2-Dibromo-3-chloropropane	95		98		68-130	3		30
Isopropylbenzene	96		96		70-130	0		30
1,2,3-Trichlorobenzene	97		96		70-130	1		30
1,2,4-Trichlorobenzene	99		97		70-130	2		30
Methyl Acetate	96		95		65-130	1		30
Cyclohexane	98		96		70-130	2		30
1,4-Dioxane	114		109		65-136	4		30
Methyl cyclohexane	97		96		70-130	1		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	98		97		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		96		70-130
Toluene-d8	97		97		70-130
4-Bromofluorobenzene	96		97		70-130
Dibromofluoromethane	100		100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212707

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 08-09,12 Batch: WG550017-1 WG550017-2								
Methylene chloride	82		82		70-130	0		30
1,1-Dichloroethane	85		81		70-130	5		30
Chloroform	80		78		70-130	3		30
Carbon tetrachloride	84		80		70-130	5		30
1,2-Dichloropropane	81		80		70-130	1		30
Dibromochloromethane	89		90		70-130	1		30
1,1,2-Trichloroethane	90		91		70-130	1		30
Tetrachloroethene	95		94		70-130	1		30
Chlorobenzene	92		91		70-130	1		30
Trichlorofluoromethane	73		70		70-139	4		30
1,2-Dichloroethane	79		80		70-130	1		30
1,1,1-Trichloroethane	84		80		70-130	5		30
Bromodichloromethane	76		78		70-130	3		30
trans-1,3-Dichloropropene	90		91		70-130	1		30
cis-1,3-Dichloropropene	78		78		70-130	0		30
Bromoform	87		89		70-130	2		30
1,1,2,2-Tetrachloroethane	98		97		70-130	1		30
Benzene	78		77		70-130	1		30
Toluene	93		90		70-130	3		30
Ethylbenzene	93		91		70-130	2		30
Chloromethane	102		89		52-130	14		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212707

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 08-09,12 Batch: WG550017-1 WG550017-2								
Bromomethane	96		85		57-147	12		30
Vinyl chloride	100		91		67-130	9		30
Chloroethane	83		80		50-151	4		30
1,1-Dichloroethene	87		81		65-135	7		30
trans-1,2-Dichloroethene	84		79		70-130	6		30
Trichloroethene	81		80		70-130	1		30
1,2-Dichlorobenzene	103		101		70-130	2		30
1,3-Dichlorobenzene	105		103		70-130	2		30
1,4-Dichlorobenzene	103		102		70-130	1		30
Methyl tert butyl ether	78		77		66-130	1		30
p/m-Xylene	94		92		70-130	2		30
o-Xylene	93		91		70-130	2		30
cis-1,2-Dichloroethene	82		80		70-130	2		30
Styrene	90		90		70-130	0		30
Dichlorodifluoromethane	94		86		30-146	9		30
Acetone	97		95		54-140	2		30
Carbon disulfide	85		79		59-130	7		30
2-Butanone	86		82		70-130	5		30
4-Methyl-2-pentanone	73		74		70-130	1		30
2-Hexanone	93		92		70-130	1		30
Bromochloromethane	83		82		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212707

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 08-09,12 Batch: WG550017-1 WG550017-2								
1,2-Dibromoethane	90		92		70-130	2		30
1,2-Dibromo-3-chloropropane	92		96		68-130	4		30
Isopropylbenzene	108		103		70-130	5		30
1,2,3-Trichlorobenzene	102		102		70-130	0		30
1,2,4-Trichlorobenzene	108		105		70-130	3		30
Methyl Acetate	85		83		65-130	2		30
Cyclohexane	90		85		70-130	6		30
1,4-Dioxane	80		84		65-136	5		30
Methyl cyclohexane	83		80		70-130	4		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	88		82		70-130	7		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		103		70-130
Toluene-d8	114		114		70-130
4-Bromofluorobenzene	108		105		70-130
Dibromofluoromethane	96		97		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212707

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 13,17,21-22 Batch: WG550191-1 WG550191-2								
Methylene chloride	86		84		70-130	2		30
1,1-Dichloroethane	87		84		70-130	4		30
Chloroform	85		81		70-130	5		30
Carbon tetrachloride	85		82		70-130	4		30
1,2-Dichloropropane	86		84		70-130	2		30
Dibromochloromethane	96		94		70-130	2		30
1,1,2-Trichloroethane	97		94		70-130	3		30
Tetrachloroethene	99		90		70-130	10		30
Chlorobenzene	98		94		70-130	4		30
Trichlorofluoromethane	77		74		70-139	4		30
1,2-Dichloroethane	86		85		70-130	1		30
1,1,1-Trichloroethane	86		83		70-130	4		30
Bromodichloromethane	84		82		70-130	2		30
trans-1,3-Dichloropropene	98		95		70-130	3		30
cis-1,3-Dichloropropene	84		82		70-130	2		30
Bromoform	94		91		70-130	3		30
1,1,2,2-Tetrachloroethane	105		102		70-130	3		30
Benzene	82		79		70-130	4		30
Toluene	96		90		70-130	6		30
Ethylbenzene	98		93		70-130	5		30
Chloromethane	100		97		52-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212707

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 13,17,21-22 Batch: WG550191-1 WG550191-2								
Bromomethane	105		91		57-147	14		30
Vinyl chloride	96		92		67-130	4		30
Chloroethane	93		88		50-151	6		30
1,1-Dichloroethene	84		79		65-135	6		30
trans-1,2-Dichloroethene	84		80		70-130	5		30
Trichloroethene	86		81		70-130	6		30
1,2-Dichlorobenzene	109		107		70-130	2		30
1,3-Dichlorobenzene	110		106		70-130	4		30
1,4-Dichlorobenzene	110		106		70-130	4		30
Methyl tert butyl ether	82		80		66-130	2		30
p/m-Xylene	100		94		70-130	6		30
o-Xylene	98		94		70-130	4		30
cis-1,2-Dichloroethene	84		82		70-130	2		30
Styrene	97		93		70-130	4		30
Dichlorodifluoromethane	87		82		30-146	6		30
Acetone	124		110		54-140	12		30
Carbon disulfide	86		81		59-130	6		30
2-Butanone	101		96		70-130	5		30
4-Methyl-2-pentanone	82		81		70-130	1		30
2-Hexanone	107		103		70-130	4		30
Bromochloromethane	88		83		70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212707

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 13,17,21-22 Batch: WG550191-1 WG550191-2								
1,2-Dibromoethane	96		94		70-130	2		30
1,2-Dibromo-3-chloropropane	101		103		68-130	2		30
Isopropylbenzene	109		102		70-130	7		30
1,2,3-Trichlorobenzene	106		104		70-130	2		30
1,2,4-Trichlorobenzene	111		108		70-130	3		30
Methyl Acetate	91		88		65-130	3		30
Cyclohexane	87		83		70-130	5		30
1,4-Dioxane	88		88		65-136	0		30
Methyl cyclohexane	82		77		70-130	6		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	82		79		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		107		70-130
Toluene-d8	114		113		70-130
4-Bromofluorobenzene	104		103		70-130
Dibromofluoromethane	99		99		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212707

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 13 Batch: WG550191-6 WG550191-7								
Methylene chloride	82		82		70-130	0		30
1,1-Dichloroethane	85		81		70-130	5		30
Chloroform	80		78		70-130	3		30
Carbon tetrachloride	84		80		70-130	5		30
1,2-Dichloropropane	81		80		70-130	1		30
Dibromochloromethane	89		90		70-130	1		30
1,1,2-Trichloroethane	90		91		70-130	1		30
Tetrachloroethene	95		94		70-130	1		30
Chlorobenzene	92		91		70-130	1		30
Trichlorofluoromethane	73		70		70-139	4		30
1,2-Dichloroethane	79		80		70-130	1		30
1,1,1-Trichloroethane	84		80		70-130	5		30
Bromodichloromethane	76		78		70-130	3		30
trans-1,3-Dichloropropene	90		91		70-130	1		30
cis-1,3-Dichloropropene	78		78		70-130	0		30
Bromoform	87		89		70-130	2		30
1,1,2,2-Tetrachloroethane	98		97		70-130	1		30
Benzene	78		77		70-130	1		30
Toluene	93		90		70-130	3		30
Ethylbenzene	93		91		70-130	2		30
Chloromethane	102		89		52-130	14		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212707

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 13 Batch: WG550191-6 WG550191-7								
Bromomethane	96		85		57-147	12		30
Vinyl chloride	100		91		67-130	9		30
Chloroethane	83		80		50-151	4		30
1,1-Dichloroethene	87		81		65-135	7		30
trans-1,2-Dichloroethene	84		79		70-130	6		30
Trichloroethene	81		80		70-130	1		30
1,2-Dichlorobenzene	103		101		70-130	2		30
1,3-Dichlorobenzene	105		103		70-130	2		30
1,4-Dichlorobenzene	103		102		70-130	1		30
Methyl tert butyl ether	78		77		66-130	1		30
p/m-Xylene	94		92		70-130	2		30
o-Xylene	93		91		70-130	2		30
cis-1,2-Dichloroethene	82		80		70-130	2		30
Styrene	90		90		70-130	0		30
Dichlorodifluoromethane	94		86		30-146	9		30
Acetone	97		95		54-140	2		30
Carbon disulfide	85		79		59-130	7		30
2-Butanone	86		82		70-130	5		30
4-Methyl-2-pentanone	73		74		70-130	1		30
2-Hexanone	93		92		70-130	1		30
Bromochloromethane	83		82		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212707

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 13 Batch: WG550191-6 WG550191-7								
1,2-Dibromoethane	90		92		70-130	2		30
1,2-Dibromo-3-chloropropane	92		96		68-130	4		30
Isopropylbenzene	108		103		70-130	5		30
1,2,3-Trichlorobenzene	102		102		70-130	0		30
1,2,4-Trichlorobenzene	108		105		70-130	3		30
Methyl Acetate	85		83		65-130	2		30
Cyclohexane	90		85		70-130	6		30
1,4-Dioxane	80		84		65-136	5		30
Methyl cyclohexane	83		80		70-130	4		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	88		82		70-130	7		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		103		70-130
Toluene-d8	114		114		70-130
4-Bromofluorobenzene	108		105		70-130
Dibromofluoromethane	96		97		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212707
Report Date: 08/17/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 03-05,07,09-10,14-16,18,26 QC Batch ID: WG549753-4 WG549753-5 QC Sample: L1212595-06 Client ID: MS Sample												
Methylene chloride	ND	2200	2000	89		1900	86		70-130	3		30
1,1-Dichloroethane	ND	2200	1900	86		1900	86		70-130	1		30
Chloroform	ND	2200	1800	83		1800	82		70-130	1		30
Carbon tetrachloride	ND	2200	1800	82		1800	81		70-130	2		30
1,2-Dichloropropane	ND	2200	1900	86		1900	84		70-130	2		30
Dibromochloromethane	ND	2200	2100	93		2100	94		70-130	1		30
1,1,2-Trichloroethane	ND	2200	2100	94		2100	95		70-130	1		30
Tetrachloroethene	ND	2200	2100	96		2100	95		70-130	1		30
Chlorobenzene	ND	2200	2100	97		2100	97		70-130	0		30
Trichlorofluoromethane	ND	2200	900	**41**	Q	880	**40**	Q	70-139	3		30
1,2-Dichloroethane	ND	2200	1900	84		1800	83		70-130	2		30
1,1,1-Trichloroethane	ND	2200	1900	85		1800	83		70-130	3		30
Bromodichloromethane	ND	2200	1800	81		1800	81		70-130	1		30
trans-1,3-Dichloropropene	ND	2200	2100	95		2100	95		70-130	0		30
cis-1,3-Dichloropropene	ND	2200	1800	83		1800	82		70-130	1		30
Bromoform	ND	2200	2000	89		2000	91		70-130	2		30
1,1,2,2-Tetrachloroethane	ND	2200	2200	100		2200	101		70-130	0		30
Benzene	ND	2200	1800	82		1800	81		70-130	1		30
Toluene	ND	2200	2100	95		2100	95		70-130	0		30
Ethylbenzene	ND	2200	2100	97		2100	97		70-130	0		30
Chloromethane	ND	2200	2000	92		2000	92		52-130	0		30

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212707
Report Date: 08/17/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 03-05,07,09-10,14-16,18,26 QC Batch ID: WG549753-4 WG549753-5 QC Sample: L1212595-06 Client ID: MS Sample												
Bromomethane	ND	2200	1100	**50**	Q	960	**44**	Q	57-147	13		30
Vinyl chloride	ND	2200	2100	94		2000	93		67-130	2		30
Chloroethane	ND	2200	870	**39**	Q	840	**38**	Q	50-151	4		30
1,1-Dichloroethene	ND	2200	1900	88		1900	86		65-135	3		30
trans-1,2-Dichloroethene	ND	2200	1900	86		1900	86		70-130	0		30
Trichloroethene	ND	2200	1900	85		1900	84		70-130	1		30
1,2-Dichlorobenzene	ND	2200	2400	108		2400	109		70-130	1		30
1,3-Dichlorobenzene	ND	2200	2400	107		2400	109		70-130	1		30
1,4-Dichlorobenzene	ND	2200	2300	106		2400	109		70-130	3		30
Methyl tert butyl ether	ND	2200	1800	84		1800	83		66-130	1		30
p/m-Xylene	ND	4390	4300	98		4300	98		70-130	0		30
o-Xylene	ND	4390	4300	99		4300	98		70-130	1		30
cis-1,2-Dichloroethene	860	2200	2700	84		2700	84		70-130	0		30
Styrene	ND	4390	4200	97		4200	96		70-130	0		30
Dichlorodifluoromethane	ND	2200	1800	80		1800	80		30-146	1		30
Acetone	ND	2200	ND	**0**	Q	ND	**0**	Q	54-140	NC		30
Carbon disulfide	ND	2200	1900	87		1900	85		59-130	3		30
2-Butanone	ND	2200	2100	94		2000	93		70-130	2		30
4-Methyl-2-pentanone	ND	2200	1800	81		1700	78		70-130	4		30
2-Hexanone	ND	2200	2200	100		2200	98		70-130	2		30
Bromochloromethane	ND	2200	1900	87		1900	86		70-130	2		30

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212707
Report Date: 08/17/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 03-05,07,09-10,14-16,18,26 QC Batch ID: WG549753-4 WG549753-5 QC Sample: L1212595-06 Client ID: MS Sample												
1,2-Dibromoethane	ND	2200	2100	95		2100	97		70-130	2		30
1,2-Dibromo-3-chloropropane	ND	2200	2200	102		2200	99		68-130	3		30
Isopropylbenzene	ND	2200	2400	108		2500	111		70-130	3		30
1,2,3-Trichlorobenzene	ND	2200	2400	107		2400	107		70-130	0		30
1,2,4-Trichlorobenzene	ND	2200	2400	109		2400	110		70-130	1		30
Methyl Acetate	ND	2200	ND	**0**	Q	ND	**0**	Q	65-130	NC		30
Cyclohexane	ND	2200	ND	**0**	Q	ND	**0**	Q	70-130	NC		30
1,4-Dioxane	ND	110000	96000	87		89000	81		65-136	8		30
Methyl cyclohexane	ND	2200	1800	82		1800	81		70-130	2		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	2200	ND	**0**	Q	ND	**0**	Q	70-130	NC		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		101		70-130
4-Bromofluorobenzene	102		100		70-130
Dibromofluoromethane	96		96		70-130
Toluene-d8	112		113		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212707
Report Date: 08/17/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 13,17,21-22 QC Batch ID: WG550191-4 WG550191-5 QC Sample: L1212707-21 Client ID: S-12L-B008-11.0-11.5												
Methylene chloride	ND	2460	2100	84		2000	82		70-130	1		30
1,1-Dichloroethane	ND	2460	2000	82		2000	80		70-130	2		30
Chloroform	ND	2460	1900	77		1900	76		70-130	2		30
Carbon tetrachloride	ND	2460	1800	74		1800	72		70-130	3		30
1,2-Dichloropropane	ND	2460	2000	80		2000	79		70-130	2		30
Dibromochloromethane	ND	2460	2200	89		2200	89		70-130	0		30
1,1,2-Trichloroethane	ND	2460	2300	94		2200	91		70-130	4		30
Tetrachloroethene	ND	2460	2100	86		2000	82		70-130	5		30
Chlorobenzene	ND	2460	2200	89		2100	85		70-130	5		30
Trichlorofluoromethane	ND	2460	970	**40**	Q	830	**34**	Q	70-139	16		30
1,2-Dichloroethane	ND	2460	2000	82		2000	80		70-130	2		30
1,1,1-Trichloroethane	ND	2460	1900	78		1900	76		70-130	3		30
Bromodichloromethane	ND	2460	1900	77		1900	76		70-130	2		30
trans-1,3-Dichloropropene	ND	2460	2100	85		2000	83		70-130	3		30
cis-1,3-Dichloropropene	ND	2460	1800	73		1800	71		70-130	3		30
Bromoform	ND	2460	2100	86		2100	87		70-130	1		30
1,1,2,2-Tetrachloroethane	ND	2460	2500	100		2400	99		70-130	1		30
Benzene	ND	2460	1900	76		1800	74		70-130	3		30
Toluene	ND	2460	2200	89		2100	85		70-130	4		30
Ethylbenzene	ND	2460	2200	89		2100	85		70-130	5		30
Chloromethane	ND	2460	2300	92		2300	94		52-130	3		30

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212707
Report Date: 08/17/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 13,17,21-22 QC Batch ID: WG550191-4 WG550191-5 QC Sample: L1212707-21 Client ID: S-12L-B008-11.0-11.5												
Bromomethane	ND	2460	980	**40**	Q	960	**39**	Q	57-147	2		30
Vinyl chloride	ND	2460	1900	79		2000	80		67-130	1		30
Chloroethane	ND	2460	980	**40**	Q	910	**37**	Q	50-151	8		30
1,1-Dichloroethene	ND	2460	2100	84		2000	79		65-135	6		30
trans-1,2-Dichloroethene	ND	2460	1900	78		1900	76		70-130	3		30
Trichloroethene	ND	2460	2000	83		2000	80		70-130	3		30
1,2-Dichlorobenzene	ND	2460	2400	98		2300	94		70-130	5		30
1,3-Dichlorobenzene	ND	2460	2400	96		2200	89		70-130	7		30
1,4-Dichlorobenzene	ND	2460	2400	96		2200	89		70-130	7		30
Methyl tert butyl ether	ND	2460	2000	81		2000	80		66-130	2		30
p/m-Xylene	ND	4930	4400	89		4200	84		70-130	6		30
o-Xylene	ND	4930	4400	90		4300	87		70-130	3		30
cis-1,2-Dichloroethene	ND	2460	2100	86		2100	84		70-130	2		30
Styrene	ND	4930	3800	77		3700	76		70-130	2		30
Dichlorodifluoromethane	ND	2460	1500	61		1500	63		30-146	2		30
Acetone	ND	2460	ND	**0**	Q	ND	**0**	Q	54-140	NC		30
Carbon disulfide	ND	2460	2000	82		1900	78		59-130	6		30
2-Butanone	ND	2460	2400	96		2400	96		70-130	0		30
4-Methyl-2-pentanone	ND	2460	1900	77		1900	78		70-130	2		30
2-Hexanone	ND	2460	2400	99		2400	98		70-130	2		30
Bromochloromethane	ND	2460	2000	83		2000	82		70-130	1		30

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212707
Report Date: 08/17/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 13,17,21-22 QC Batch ID: WG550191-4 WG550191-5 QC Sample: L1212707-21 Client ID: S-12L-B008-11.0-11.5												
1,2-Dibromoethane	ND	2460	2300	93		2300	92		70-130	2		30
1,2-Dibromo-3-chloropropane	ND	2460	2500	100		2400	96		68-130	5		30
Isopropylbenzene	ND	2460	2400	97		2300	94		70-130	3		30
1,2,3-Trichlorobenzene	860	2460	3100	92		2900	83		70-130	7		30
1,2,4-Trichlorobenzene	3800	2460	5600	75		5000	**50**	Q	70-130	11		30
Methyl Acetate	ND	2460	2600	106		2600	107		65-130	1		30
Cyclohexane	ND	2460	ND	**0**	Q	ND	**0**	Q	70-130	NC		30
1,4-Dioxane	ND	123000	78000	**64**	Q	110000	90		65-136	**35**	Q	30
Methyl cyclohexane	ND	2460	1600	**65**	Q	1600	**63**	Q	70-130	3		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	2460	ND	**0**	Q	ND	**0**	Q	70-130	NC		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		104		70-130
4-Bromofluorobenzene	104		105		70-130
Dibromofluoromethane	95		95		70-130
Toluene-d8	113		114		70-130

SEMIVOLATILES

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-01	Date Collected:	07/16/12 17:15
Client ID:	EB-071612-02	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8270D	Extraction Date:	07/18/12 08:03
Analytical Date:	07/26/12 02:04		
Analyst:	JC		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/l	2.0	--	1
Hexachlorobenzene	ND		ug/l	2.0	--	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	--	1
2-Chloronaphthalene	ND		ug/l	2.0	--	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	--	1
2,4-Dinitrotoluene	ND		ug/l	5.0	--	1
2,6-Dinitrotoluene	ND		ug/l	5.0	--	1
Fluoranthene	ND		ug/l	2.0	--	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	--	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	--	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	--	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	--	1
Hexachlorobutadiene	ND		ug/l	2.0	--	1
Hexachlorocyclopentadiene	ND		ug/l	20	--	1
Hexachloroethane	ND		ug/l	2.0	--	1
Isophorone	ND		ug/l	5.0	--	1
Naphthalene	ND		ug/l	2.0	--	1
Nitrobenzene	ND		ug/l	2.0	--	1
NDPA/DPA	ND		ug/l	2.0	--	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	--	1
Butyl benzyl phthalate	ND		ug/l	5.0	--	1
Di-n-butylphthalate	ND		ug/l	5.0	--	1
Di-n-octylphthalate	ND		ug/l	5.0	--	1
Diethyl phthalate	ND		ug/l	5.0	--	1
Dimethyl phthalate	ND		ug/l	5.0	--	1
Benzo(a)anthracene	ND		ug/l	2.0	--	1
Benzo(a)pyrene	ND		ug/l	2.0	--	1
Benzo(b)fluoranthene	ND		ug/l	2.0	--	1
Benzo(k)fluoranthene	ND		ug/l	2.0	--	1
Chrysene	ND		ug/l	2.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-01 Date Collected: 07/16/12 17:15

Client ID: EB-071612-02 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/l	2.0	--	1
Anthracene	ND		ug/l	2.0	--	1
Benzo(ghi)perylene	ND		ug/l	2.0	--	1
Fluorene	ND		ug/l	2.0	--	1
Phenanthrene	ND		ug/l	2.0	--	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	--	1
Pyrene	ND		ug/l	2.0	--	1
Biphenyl	ND		ug/l	2.0	--	1
4-Chloroaniline	ND		ug/l	5.0	--	1
2-Nitroaniline	ND		ug/l	5.0	--	1
3-Nitroaniline	ND		ug/l	5.0	--	1
4-Nitroaniline	ND		ug/l	5.0	--	1
Dibenzofuran	ND		ug/l	2.0	--	1
2-Methylnaphthalene	ND		ug/l	2.0	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	--	1
Acetophenone	ND		ug/l	5.0	--	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	--	1
p-Chloro-m-cresol	ND		ug/l	2.0	--	1
2-Chlorophenol	ND		ug/l	2.0	--	1
2,4-Dichlorophenol	ND		ug/l	5.0	--	1
2,4-Dimethylphenol	ND		ug/l	5.0	--	1
2-Nitrophenol	ND		ug/l	10	--	1
4-Nitrophenol	ND		ug/l	10	--	1
2,4-Dinitrophenol	ND		ug/l	20	--	1
4,6-Dinitro-o-cresol	ND		ug/l	10	--	1
Pentachlorophenol	ND		ug/l	10	--	1
Phenol	ND		ug/l	5.0	--	1
2-Methylphenol	ND		ug/l	5.0	--	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	--	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	--	1
Carbazole	ND		ug/l	2.0	--	1
Atrazine	ND		ug/l	10	--	1
Benzaldehyde	ND		ug/l	5.0	--	1
Caprolactam	ND		ug/l	10	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-01 Date Collected: 07/16/12 17:15

Client ID: EB-071612-02 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	81		15-120
2,4,6-Tribromophenol	96		10-120
4-Terphenyl-d14	89		41-149

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-03	Date Collected:	07/16/12 16:50
Client ID:	S-12L-B009-0.5-1.0	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 10:00
Analytical Date:	07/30/12 22:39		
Analyst:	RC		
Percent Solids:	30%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	440	--	1
Hexachlorobenzene	ND		ug/kg	330	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	550	--	1
2-Chloronaphthalene	ND		ug/kg	550	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	550	--	1
2,4-Dinitrotoluene	ND		ug/kg	550	--	1
2,6-Dinitrotoluene	ND		ug/kg	550	--	1
Fluoranthene	ND		ug/kg	330	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	550	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	550	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	660	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	550	--	1
Hexachlorobutadiene	ND		ug/kg	550	--	1
Hexachlorocyclopentadiene	ND		ug/kg	1500	--	1
Hexachloroethane	ND		ug/kg	440	--	1
Isophorone	ND		ug/kg	550	--	1
Naphthalene	ND		ug/kg	550	--	1
Nitrobenzene	ND		ug/kg	550	--	1
NDPA/DPA	ND		ug/kg	440	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	550	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	550	--	1
Butyl benzyl phthalate	ND		ug/kg	550	--	1
Di-n-butylphthalate	ND		ug/kg	550	--	1
Di-n-octylphthalate	ND		ug/kg	550	--	1
Diethyl phthalate	ND		ug/kg	550	--	1
Dimethyl phthalate	ND		ug/kg	550	--	1
Benzo(a)anthracene	ND		ug/kg	330	--	1
Benzo(a)pyrene	ND		ug/kg	440	--	1
Benzo(b)fluoranthene	ND		ug/kg	330	--	1
Benzo(k)fluoranthene	ND		ug/kg	330	--	1
Chrysene	ND		ug/kg	330	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-03 Date Collected: 07/16/12 16:50

Client ID: S-12L-B009-0.5-1.0 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	440	--	1
Anthracene	ND		ug/kg	330	--	1
Benzo(ghi)perylene	ND		ug/kg	440	--	1
Fluorene	ND		ug/kg	550	--	1
Phenanthrene	ND		ug/kg	330	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	330	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	440	--	1
Pyrene	ND		ug/kg	330	--	1
Biphenyl	ND		ug/kg	1200	--	1
4-Chloroaniline	ND		ug/kg	550	--	1
2-Nitroaniline	ND		ug/kg	550	--	1
3-Nitroaniline	ND		ug/kg	550	--	1
4-Nitroaniline	ND		ug/kg	550	--	1
Dibenzofuran	ND		ug/kg	550	--	1
2-Methylnaphthalene	ND		ug/kg	660	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	550	--	1
Acetophenone	ND		ug/kg	550	--	1
2,4,6-Trichlorophenol	ND		ug/kg	330	--	1
p-Chloro-m-cresol	ND		ug/kg	550	--	1
2-Chlorophenol	ND		ug/kg	550	--	1
2,4-Dichlorophenol	ND		ug/kg	550	--	1
2,4-Dimethylphenol	ND		ug/kg	550	--	1
2-Nitrophenol	ND		ug/kg	1200	--	1
4-Nitrophenol	ND		ug/kg	770	--	1
2,4-Dinitrophenol	ND		ug/kg	2600	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	1400	--	1
Pentachlorophenol	ND		ug/kg	440	--	1
Phenol	ND		ug/kg	550	--	1
2-Methylphenol	ND		ug/kg	550	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	770	--	1
2,4,5-Trichlorophenol	ND		ug/kg	550	--	1
Carbazole	ND		ug/kg	550	--	1
Atrazine	ND		ug/kg	440	--	1
Benzaldehyde	ND		ug/kg	770	--	1
Caprolactam	ND		ug/kg	550	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	550	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-03 Date Collected: 07/16/12 16:50

Client ID: S-12L-B009-0.5-1.0 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	100		0-136
4-Terphenyl-d14	75		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-04	Date Collected:	07/16/12 16:50
Client ID:	S-12L-B009-1.5-2.0	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 10:00
Analytical Date:	07/30/12 23:07		
Analyst:	RC		
Percent Solids:	79%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	--	1
Hexachlorobenzene	ND		ug/kg	120	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	--	1
2-Chloronaphthalene	ND		ug/kg	200	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	--	1
2,4-Dinitrotoluene	ND		ug/kg	200	--	1
2,6-Dinitrotoluene	ND		ug/kg	200	--	1
Fluoranthene	ND		ug/kg	120	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	--	1
Hexachlorobutadiene	ND		ug/kg	200	--	1
Hexachlorocyclopentadiene	ND		ug/kg	580	--	1
Hexachloroethane	ND		ug/kg	160	--	1
Isophorone	ND		ug/kg	200	--	1
Naphthalene	ND		ug/kg	200	--	1
Nitrobenzene	ND		ug/kg	200	--	1
NDPA/DPA	ND		ug/kg	160	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	--	1
Butyl benzyl phthalate	ND		ug/kg	200	--	1
Di-n-butylphthalate	ND		ug/kg	200	--	1
Di-n-octylphthalate	ND		ug/kg	200	--	1
Diethyl phthalate	ND		ug/kg	200	--	1
Dimethyl phthalate	ND		ug/kg	200	--	1
Benzo(a)anthracene	ND		ug/kg	120	--	1
Benzo(a)pyrene	ND		ug/kg	160	--	1
Benzo(b)fluoranthene	ND		ug/kg	120	--	1
Benzo(k)fluoranthene	ND		ug/kg	120	--	1
Chrysene	ND		ug/kg	120	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-04 Date Collected: 07/16/12 16:50

Client ID: S-12L-B009-1.5-2.0 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	160	--	1
Anthracene	ND		ug/kg	120	--	1
Benzo(ghi)perylene	ND		ug/kg	160	--	1
Fluorene	ND		ug/kg	200	--	1
Phenanthrene	ND		ug/kg	120	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	--	1
Pyrene	ND		ug/kg	120	--	1
Biphenyl	ND		ug/kg	450	--	1
4-Chloroaniline	ND		ug/kg	200	--	1
2-Nitroaniline	ND		ug/kg	200	--	1
3-Nitroaniline	ND		ug/kg	200	--	1
4-Nitroaniline	ND		ug/kg	200	--	1
Dibenzofuran	ND		ug/kg	200	--	1
2-Methylnaphthalene	ND		ug/kg	250	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	--	1
Acetophenone	ND		ug/kg	200	--	1
2,4,6-Trichlorophenol	ND		ug/kg	120	--	1
p-Chloro-m-cresol	ND		ug/kg	200	--	1
2-Chlorophenol	ND		ug/kg	200	--	1
2,4-Dichlorophenol	ND		ug/kg	200	--	1
2,4-Dimethylphenol	ND		ug/kg	200	--	1
2-Nitrophenol	ND		ug/kg	450	--	1
4-Nitrophenol	ND		ug/kg	290	--	1
2,4-Dinitrophenol	ND		ug/kg	990	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	--	1
Pentachlorophenol	ND		ug/kg	160	--	1
Phenol	ND		ug/kg	200	--	1
2-Methylphenol	ND		ug/kg	200	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	--	1
2,4,5-Trichlorophenol	ND		ug/kg	200	--	1
Carbazole	ND		ug/kg	200	--	1
Atrazine	ND		ug/kg	160	--	1
Benzaldehyde	ND		ug/kg	290	--	1
Caprolactam	ND		ug/kg	200	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-04 Date Collected: 07/16/12 16:50

Client ID: S-12L-B009-1.5-2.0 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	89		0-136
4-Terphenyl-d14	72		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-05	Date Collected:	07/16/12 16:50
Client ID:	S-12L-B009-1.5-2.0REP	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 10:00
Analytical Date:	07/30/12 23:34		
Analyst:	RC		
Percent Solids:	81%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	--	1
Hexachlorobenzene	ND		ug/kg	120	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	--	1
2-Chloronaphthalene	ND		ug/kg	200	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	--	1
2,4-Dinitrotoluene	ND		ug/kg	200	--	1
2,6-Dinitrotoluene	ND		ug/kg	200	--	1
Fluoranthene	ND		ug/kg	120	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	--	1
Hexachlorobutadiene	ND		ug/kg	200	--	1
Hexachlorocyclopentadiene	ND		ug/kg	560	--	1
Hexachloroethane	ND		ug/kg	160	--	1
Isophorone	ND		ug/kg	200	--	1
Naphthalene	ND		ug/kg	200	--	1
Nitrobenzene	ND		ug/kg	200	--	1
NDPA/DPA	ND		ug/kg	160	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	--	1
Butyl benzyl phthalate	ND		ug/kg	200	--	1
Di-n-butylphthalate	ND		ug/kg	200	--	1
Di-n-octylphthalate	ND		ug/kg	200	--	1
Diethyl phthalate	ND		ug/kg	200	--	1
Dimethyl phthalate	ND		ug/kg	200	--	1
Benzo(a)anthracene	ND		ug/kg	120	--	1
Benzo(a)pyrene	ND		ug/kg	160	--	1
Benzo(b)fluoranthene	ND		ug/kg	120	--	1
Benzo(k)fluoranthene	ND		ug/kg	120	--	1
Chrysene	ND		ug/kg	120	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-05 Date Collected: 07/16/12 16:50

Client ID: S-12L-B009-1.5-2.0REP Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	160	--	1
Anthracene	ND		ug/kg	120	--	1
Benzo(ghi)perylene	ND		ug/kg	160	--	1
Fluorene	ND		ug/kg	200	--	1
Phenanthrene	ND		ug/kg	120	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	--	1
Pyrene	ND		ug/kg	120	--	1
Biphenyl	ND		ug/kg	440	--	1
4-Chloroaniline	ND		ug/kg	200	--	1
2-Nitroaniline	ND		ug/kg	200	--	1
3-Nitroaniline	ND		ug/kg	200	--	1
4-Nitroaniline	ND		ug/kg	200	--	1
Dibenzofuran	ND		ug/kg	200	--	1
2-Methylnaphthalene	ND		ug/kg	240	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	--	1
Acetophenone	ND		ug/kg	200	--	1
2,4,6-Trichlorophenol	ND		ug/kg	120	--	1
p-Chloro-m-cresol	ND		ug/kg	200	--	1
2-Chlorophenol	ND		ug/kg	200	--	1
2,4-Dichlorophenol	ND		ug/kg	200	--	1
2,4-Dimethylphenol	ND		ug/kg	200	--	1
2-Nitrophenol	ND		ug/kg	440	--	1
4-Nitrophenol	ND		ug/kg	280	--	1
2,4-Dinitrophenol	ND		ug/kg	970	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	--	1
Pentachlorophenol	ND		ug/kg	160	--	1
Phenol	ND		ug/kg	200	--	1
2-Methylphenol	ND		ug/kg	200	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	--	1
2,4,5-Trichlorophenol	ND		ug/kg	200	--	1
Carbazole	ND		ug/kg	200	--	1
Atrazine	ND		ug/kg	160	--	1
Benzaldehyde	ND		ug/kg	280	--	1
Caprolactam	ND		ug/kg	200	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-05 Date Collected: 07/16/12 16:50

Client ID: S-12L-B009-1.5-2.0REP Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	94		0-136
4-Terphenyl-d14	77		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-07	Date Collected:	07/16/12 17:10
Client ID:	S-12L-B009-5.5-6.0	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 10:00
Analytical Date:	07/31/12 00:01		
Analyst:	RC		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	--	1
2-Chloronaphthalene	ND		ug/kg	180	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	--	1
2,4-Dinitrotoluene	ND		ug/kg	180	--	1
2,6-Dinitrotoluene	ND		ug/kg	180	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	--	1
Hexachlorobutadiene	ND		ug/kg	180	--	1
Hexachlorocyclopentadiene	ND		ug/kg	510	--	1
Hexachloroethane	ND		ug/kg	140	--	1
Isophorone	ND		ug/kg	180	--	1
Naphthalene	ND		ug/kg	180	--	1
Nitrobenzene	ND		ug/kg	180	--	1
NDPA/DPA	ND		ug/kg	140	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	--	1
Butyl benzyl phthalate	ND		ug/kg	180	--	1
Di-n-butylphthalate	ND		ug/kg	180	--	1
Di-n-octylphthalate	ND		ug/kg	180	--	1
Diethyl phthalate	ND		ug/kg	180	--	1
Dimethyl phthalate	ND		ug/kg	180	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	140	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-07 Date Collected: 07/16/12 17:10

Client ID: S-12L-B009-5.5-6.0 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	140	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	140	--	1
Fluorene	ND		ug/kg	180	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	400	--	1
4-Chloroaniline	ND		ug/kg	180	--	1
2-Nitroaniline	ND		ug/kg	180	--	1
3-Nitroaniline	ND		ug/kg	180	--	1
4-Nitroaniline	ND		ug/kg	180	--	1
Dibenzofuran	ND		ug/kg	180	--	1
2-Methylnaphthalene	ND		ug/kg	220	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	--	1
Acetophenone	ND		ug/kg	180	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	180	--	1
2-Chlorophenol	ND		ug/kg	180	--	1
2,4-Dichlorophenol	ND		ug/kg	180	--	1
2,4-Dimethylphenol	ND		ug/kg	180	--	1
2-Nitrophenol	ND		ug/kg	400	--	1
4-Nitrophenol	ND		ug/kg	260	--	1
2,4-Dinitrophenol	ND		ug/kg	880	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	--	1
Pentachlorophenol	ND		ug/kg	140	--	1
Phenol	ND		ug/kg	180	--	1
2-Methylphenol	ND		ug/kg	180	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	--	1
2,4,5-Trichlorophenol	ND		ug/kg	180	--	1
Carbazole	ND		ug/kg	180	--	1
Atrazine	ND		ug/kg	140	--	1
Benzaldehyde	ND		ug/kg	260	--	1
Caprolactam	ND		ug/kg	180	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-07 Date Collected: 07/16/12 17:10

Client ID: S-12L-B009-5.5-6.0 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	89		0-136
4-Terphenyl-d14	73		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-08	Date Collected:	07/16/12 17:30
Client ID:	S-12L-B009-9.2-9.7	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 10:00
Analytical Date:	07/31/12 00:29		
Analyst:	RC		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	--	1
2-Chloronaphthalene	ND		ug/kg	180	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	--	1
2,4-Dinitrotoluene	ND		ug/kg	180	--	1
2,6-Dinitrotoluene	ND		ug/kg	180	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	--	1
Hexachlorobutadiene	ND		ug/kg	180	--	1
Hexachlorocyclopentadiene	ND		ug/kg	510	--	1
Hexachloroethane	ND		ug/kg	150	--	1
Isophorone	ND		ug/kg	180	--	1
Naphthalene	ND		ug/kg	180	--	1
Nitrobenzene	ND		ug/kg	180	--	1
NDPA/DPA	ND		ug/kg	150	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	--	1
Butyl benzyl phthalate	ND		ug/kg	180	--	1
Di-n-butylphthalate	ND		ug/kg	180	--	1
Di-n-octylphthalate	ND		ug/kg	180	--	1
Diethyl phthalate	ND		ug/kg	180	--	1
Dimethyl phthalate	ND		ug/kg	180	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	150	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-08 Date Collected: 07/16/12 17:30

Client ID: S-12L-B009-9.2-9.7 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	150	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	150	--	1
Fluorene	ND		ug/kg	180	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	400	--	1
4-Chloroaniline	ND		ug/kg	180	--	1
2-Nitroaniline	ND		ug/kg	180	--	1
3-Nitroaniline	ND		ug/kg	180	--	1
4-Nitroaniline	ND		ug/kg	180	--	1
Dibenzofuran	ND		ug/kg	180	--	1
2-Methylnaphthalene	ND		ug/kg	220	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	--	1
Acetophenone	ND		ug/kg	180	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	180	--	1
2-Chlorophenol	ND		ug/kg	180	--	1
2,4-Dichlorophenol	ND		ug/kg	180	--	1
2,4-Dimethylphenol	ND		ug/kg	180	--	1
2-Nitrophenol	ND		ug/kg	400	--	1
4-Nitrophenol	ND		ug/kg	260	--	1
2,4-Dinitrophenol	ND		ug/kg	880	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	--	1
Pentachlorophenol	ND		ug/kg	150	--	1
Phenol	ND		ug/kg	180	--	1
2-Methylphenol	ND		ug/kg	180	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	--	1
2,4,5-Trichlorophenol	ND		ug/kg	180	--	1
Carbazole	ND		ug/kg	180	--	1
Atrazine	ND		ug/kg	150	--	1
Benzaldehyde	ND		ug/kg	260	--	1
Caprolactam	ND		ug/kg	180	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-08 Date Collected: 07/16/12 17:30

Client ID: S-12L-B009-9.2-9.7 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	94		0-136
4-Terphenyl-d14	79		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-09	Date Collected:	07/16/12 17:30
Client ID:	S-12L-B009-10.3-10.8	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 10:00
Analytical Date:	07/31/12 00:56		
Analyst:	RC		
Percent Solids:	91%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	--	1
2-Chloronaphthalene	ND		ug/kg	180	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	--	1
2,4-Dinitrotoluene	ND		ug/kg	180	--	1
2,6-Dinitrotoluene	ND		ug/kg	180	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	--	1
Hexachlorobutadiene	ND		ug/kg	180	--	1
Hexachlorocyclopentadiene	ND		ug/kg	500	--	1
Hexachloroethane	ND		ug/kg	140	--	1
Isophorone	ND		ug/kg	180	--	1
Naphthalene	ND		ug/kg	180	--	1
Nitrobenzene	ND		ug/kg	180	--	1
NDPA/DPA	ND		ug/kg	140	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	--	1
Butyl benzyl phthalate	ND		ug/kg	180	--	1
Di-n-butylphthalate	ND		ug/kg	180	--	1
Di-n-octylphthalate	ND		ug/kg	180	--	1
Diethyl phthalate	ND		ug/kg	180	--	1
Dimethyl phthalate	ND		ug/kg	180	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	140	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-09 Date Collected: 07/16/12 17:30

Client ID: S-12L-B009-10.3-10.8 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	140	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	140	--	1
Fluorene	ND		ug/kg	180	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	400	--	1
4-Chloroaniline	ND		ug/kg	180	--	1
2-Nitroaniline	ND		ug/kg	180	--	1
3-Nitroaniline	ND		ug/kg	180	--	1
4-Nitroaniline	ND		ug/kg	180	--	1
Dibenzofuran	ND		ug/kg	180	--	1
2-Methylnaphthalene	ND		ug/kg	220	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	--	1
Acetophenone	ND		ug/kg	180	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	180	--	1
2-Chlorophenol	ND		ug/kg	180	--	1
2,4-Dichlorophenol	ND		ug/kg	180	--	1
2,4-Dimethylphenol	ND		ug/kg	180	--	1
2-Nitrophenol	ND		ug/kg	400	--	1
4-Nitrophenol	ND		ug/kg	250	--	1
2,4-Dinitrophenol	ND		ug/kg	870	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	--	1
Pentachlorophenol	ND		ug/kg	140	--	1
Phenol	ND		ug/kg	180	--	1
2-Methylphenol	ND		ug/kg	180	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	--	1
2,4,5-Trichlorophenol	ND		ug/kg	180	--	1
Carbazole	ND		ug/kg	180	--	1
Atrazine	ND		ug/kg	140	--	1
Benzaldehyde	ND		ug/kg	250	--	1
Caprolactam	ND		ug/kg	180	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-09 Date Collected: 07/16/12 17:30

Client ID: S-12L-B009-10.3-10.8 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	86		0-136
4-Terphenyl-d14	75		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-10	Date Collected:	07/16/12 17:45
Client ID:	S-12L-B009-15.0-15.5	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 10:00
Analytical Date:	07/31/12 01:23		
Analyst:	RC		
Percent Solids:	91%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	--	1
2-Chloronaphthalene	ND		ug/kg	180	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	--	1
2,4-Dinitrotoluene	ND		ug/kg	180	--	1
2,6-Dinitrotoluene	ND		ug/kg	180	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	--	1
Hexachlorobutadiene	ND		ug/kg	180	--	1
Hexachlorocyclopentadiene	ND		ug/kg	510	--	1
Hexachloroethane	ND		ug/kg	140	--	1
Isophorone	ND		ug/kg	180	--	1
Naphthalene	ND		ug/kg	180	--	1
Nitrobenzene	ND		ug/kg	180	--	1
NDPA/DPA	ND		ug/kg	140	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	--	1
Butyl benzyl phthalate	ND		ug/kg	180	--	1
Di-n-butylphthalate	ND		ug/kg	180	--	1
Di-n-octylphthalate	ND		ug/kg	180	--	1
Diethyl phthalate	ND		ug/kg	180	--	1
Dimethyl phthalate	ND		ug/kg	180	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	140	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-10 Date Collected: 07/16/12 17:45

Client ID: S-12L-B009-15.0-15.5 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	140	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	140	--	1
Fluorene	ND		ug/kg	180	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	400	--	1
4-Chloroaniline	ND		ug/kg	180	--	1
2-Nitroaniline	ND		ug/kg	180	--	1
3-Nitroaniline	ND		ug/kg	180	--	1
4-Nitroaniline	ND		ug/kg	180	--	1
Dibenzofuran	ND		ug/kg	180	--	1
2-Methylnaphthalene	ND		ug/kg	220	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	--	1
Acetophenone	ND		ug/kg	180	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	180	--	1
2-Chlorophenol	ND		ug/kg	180	--	1
2,4-Dichlorophenol	ND		ug/kg	180	--	1
2,4-Dimethylphenol	ND		ug/kg	180	--	1
2-Nitrophenol	ND		ug/kg	400	--	1
4-Nitrophenol	ND		ug/kg	250	--	1
2,4-Dinitrophenol	ND		ug/kg	870	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	--	1
Pentachlorophenol	ND		ug/kg	140	--	1
Phenol	ND		ug/kg	180	--	1
2-Methylphenol	ND		ug/kg	180	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	--	1
2,4,5-Trichlorophenol	ND		ug/kg	180	--	1
Carbazole	ND		ug/kg	180	--	1
Atrazine	ND		ug/kg	140	--	1
Benzaldehyde	ND		ug/kg	250	--	1
Caprolactam	ND		ug/kg	180	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-10 Date Collected: 07/16/12 17:45

Client ID: S-12L-B009-15.0-15.5 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	51		0-136
4-Terphenyl-d14	67		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-11	Date Collected:	07/16/12 18:10
Client ID:	S-12L-B009-19.0-19.5	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 10:00
Analytical Date:	07/31/12 01:50		
Analyst:	RC		
Percent Solids:	92%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	--	1
2-Chloronaphthalene	ND		ug/kg	180	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	--	1
2,4-Dinitrotoluene	ND		ug/kg	180	--	1
2,6-Dinitrotoluene	ND		ug/kg	180	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	--	1
Hexachlorobutadiene	ND		ug/kg	180	--	1
Hexachlorocyclopentadiene	ND		ug/kg	500	--	1
Hexachloroethane	ND		ug/kg	140	--	1
Isophorone	ND		ug/kg	180	--	1
Naphthalene	ND		ug/kg	180	--	1
Nitrobenzene	ND		ug/kg	180	--	1
NDPA/DPA	ND		ug/kg	140	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	--	1
Butyl benzyl phthalate	ND		ug/kg	180	--	1
Di-n-butylphthalate	ND		ug/kg	180	--	1
Di-n-octylphthalate	ND		ug/kg	180	--	1
Diethyl phthalate	ND		ug/kg	180	--	1
Dimethyl phthalate	ND		ug/kg	180	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	140	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-11 Date Collected: 07/16/12 18:10

Client ID: S-12L-B009-19.0-19.5 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	140	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	140	--	1
Fluorene	ND		ug/kg	180	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	400	--	1
4-Chloroaniline	ND		ug/kg	180	--	1
2-Nitroaniline	ND		ug/kg	180	--	1
3-Nitroaniline	ND		ug/kg	180	--	1
4-Nitroaniline	ND		ug/kg	180	--	1
Dibenzofuran	ND		ug/kg	180	--	1
2-Methylnaphthalene	ND		ug/kg	220	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	--	1
Acetophenone	ND		ug/kg	180	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	180	--	1
2-Chlorophenol	ND		ug/kg	180	--	1
2,4-Dichlorophenol	ND		ug/kg	180	--	1
2,4-Dimethylphenol	ND		ug/kg	180	--	1
2-Nitrophenol	ND		ug/kg	400	--	1
4-Nitrophenol	ND		ug/kg	250	--	1
2,4-Dinitrophenol	ND		ug/kg	860	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	--	1
Pentachlorophenol	ND		ug/kg	140	--	1
Phenol	ND		ug/kg	180	--	1
2-Methylphenol	ND		ug/kg	180	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	--	1
2,4,5-Trichlorophenol	ND		ug/kg	180	--	1
Carbazole	ND		ug/kg	180	--	1
Atrazine	ND		ug/kg	140	--	1
Benzaldehyde	ND		ug/kg	250	--	1
Caprolactam	ND		ug/kg	180	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-11 Date Collected: 07/16/12 18:10

Client ID: S-12L-B009-19.0-19.5 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	32		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	61		0-136
4-Terphenyl-d14	77		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-12	Date Collected:	07/16/12 18:10
Client ID:	S-12L-B009-21.5-22.0	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 10:00
Analytical Date:	07/31/12 02:17		
Analyst:	RC		
Percent Solids:	89%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	--	1
2-Chloronaphthalene	ND		ug/kg	190	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	--	1
2,4-Dinitrotoluene	ND		ug/kg	190	--	1
2,6-Dinitrotoluene	ND		ug/kg	190	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	--	1
Hexachlorobutadiene	ND		ug/kg	190	--	1
Hexachlorocyclopentadiene	ND		ug/kg	520	--	1
Hexachloroethane	ND		ug/kg	150	--	1
Isophorone	ND		ug/kg	190	--	1
Naphthalene	ND		ug/kg	190	--	1
Nitrobenzene	ND		ug/kg	190	--	1
NDPA/DPA	ND		ug/kg	150	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	--	1
Butyl benzyl phthalate	ND		ug/kg	190	--	1
Di-n-butylphthalate	ND		ug/kg	190	--	1
Di-n-octylphthalate	ND		ug/kg	190	--	1
Diethyl phthalate	ND		ug/kg	190	--	1
Dimethyl phthalate	ND		ug/kg	190	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	150	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-12 Date Collected: 07/16/12 18:10

Client ID: S-12L-B009-21.5-22.0 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	150	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	150	--	1
Fluorene	ND		ug/kg	190	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	410	--	1
4-Chloroaniline	ND		ug/kg	190	--	1
2-Nitroaniline	ND		ug/kg	190	--	1
3-Nitroaniline	ND		ug/kg	190	--	1
4-Nitroaniline	ND		ug/kg	190	--	1
Dibenzofuran	ND		ug/kg	190	--	1
2-Methylnaphthalene	ND		ug/kg	220	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	--	1
Acetophenone	ND		ug/kg	190	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	190	--	1
2-Chlorophenol	ND		ug/kg	190	--	1
2,4-Dichlorophenol	ND		ug/kg	190	--	1
2,4-Dimethylphenol	ND		ug/kg	190	--	1
2-Nitrophenol	ND		ug/kg	410	--	1
4-Nitrophenol	ND		ug/kg	260	--	1
2,4-Dinitrophenol	ND		ug/kg	890	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	--	1
Pentachlorophenol	ND		ug/kg	150	--	1
Phenol	ND		ug/kg	190	--	1
2-Methylphenol	ND		ug/kg	190	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	--	1
2,4,5-Trichlorophenol	ND		ug/kg	190	--	1
Carbazole	ND		ug/kg	190	--	1
Atrazine	ND		ug/kg	150	--	1
Benzaldehyde	ND		ug/kg	260	--	1
Caprolactam	ND		ug/kg	190	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-12 Date Collected: 07/16/12 18:10

Client ID: S-12L-B009-21.5-22.0 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	81		0-136
4-Terphenyl-d14	70		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-13 D	Date Collected:	07/17/12 08:15
Client ID:	S-12L-B008-0.5-1.0	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 10:00
Analytical Date:	07/31/12 15:24		
Analyst:	RC		
Percent Solids:	51%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	26000	--	100
Hexachlorobenzene	ND		ug/kg	19000	--	100
Bis(2-chloroethyl)ether	ND		ug/kg	32000	--	100
2-Chloronaphthalene	ND		ug/kg	32000	--	100
3,3'-Dichlorobenzidine	ND		ug/kg	32000	--	100
2,4-Dinitrotoluene	ND		ug/kg	32000	--	100
2,6-Dinitrotoluene	ND		ug/kg	32000	--	100
Fluoranthene	ND		ug/kg	19000	--	100
4-Chlorophenyl phenyl ether	ND		ug/kg	32000	--	100
4-Bromophenyl phenyl ether	ND		ug/kg	32000	--	100
Bis(2-chloroisopropyl)ether	ND		ug/kg	38000	--	100
Bis(2-chloroethoxy)methane	ND		ug/kg	32000	--	100
Hexachlorobutadiene	ND		ug/kg	32000	--	100
Hexachlorocyclopentadiene	ND		ug/kg	89000	--	100
Hexachloroethane	ND		ug/kg	26000	--	100
Isophorone	ND		ug/kg	32000	--	100
Naphthalene	ND		ug/kg	32000	--	100
Nitrobenzene	ND		ug/kg	32000	--	100
NDPA/DPA	ND		ug/kg	26000	--	100
n-Nitrosodi-n-propylamine	ND		ug/kg	32000	--	100
Bis(2-ethylhexyl)phthalate	ND		ug/kg	32000	--	100
Butyl benzyl phthalate	ND		ug/kg	32000	--	100
Di-n-butylphthalate	ND		ug/kg	32000	--	100
Di-n-octylphthalate	ND		ug/kg	32000	--	100
Diethyl phthalate	ND		ug/kg	32000	--	100
Dimethyl phthalate	ND		ug/kg	32000	--	100
Benzo(a)anthracene	ND		ug/kg	19000	--	100
Benzo(a)pyrene	ND		ug/kg	26000	--	100
Benzo(b)fluoranthene	ND		ug/kg	19000	--	100
Benzo(k)fluoranthene	ND		ug/kg	19000	--	100
Chrysene	ND		ug/kg	19000	--	100

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-13 D Date Collected: 07/17/12 08:15

Client ID: S-12L-B008-0.5-1.0 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	26000	--	100
Anthracene	ND		ug/kg	19000	--	100
Benzo(ghi)perylene	ND		ug/kg	26000	--	100
Fluorene	ND		ug/kg	32000	--	100
Phenanthrene	ND		ug/kg	19000	--	100
Dibenzo(a,h)anthracene	ND		ug/kg	19000	--	100
Indeno(1,2,3-cd)pyrene	ND		ug/kg	26000	--	100
Pyrene	ND		ug/kg	19000	--	100
Biphenyl	ND		ug/kg	70000	--	100
4-Chloroaniline	ND		ug/kg	32000	--	100
2-Nitroaniline	ND		ug/kg	32000	--	100
3-Nitroaniline	ND		ug/kg	32000	--	100
4-Nitroaniline	ND		ug/kg	32000	--	100
Dibenzofuran	ND		ug/kg	32000	--	100
2-Methylnaphthalene	ND		ug/kg	38000	--	100
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	32000	--	100
Acetophenone	ND		ug/kg	32000	--	100
2,4,6-Trichlorophenol	ND		ug/kg	19000	--	100
p-Chloro-m-cresol	ND		ug/kg	32000	--	100
2-Chlorophenol	ND		ug/kg	32000	--	100
2,4-Dichlorophenol	ND		ug/kg	32000	--	100
2,4-Dimethylphenol	ND		ug/kg	32000	--	100
2-Nitrophenol	ND		ug/kg	70000	--	100
4-Nitrophenol	ND		ug/kg	45000	--	100
2,4-Dinitrophenol	ND		ug/kg	150000	--	100
4,6-Dinitro-o-cresol	ND		ug/kg	83000	--	100
Pentachlorophenol	ND		ug/kg	26000	--	100
Phenol	ND		ug/kg	32000	--	100
2-Methylphenol	ND		ug/kg	32000	--	100
3-Methylphenol/4-Methylphenol	ND		ug/kg	45000	--	100
2,4,5-Trichlorophenol	ND		ug/kg	32000	--	100
Carbazole	ND		ug/kg	32000	--	100
Atrazine	ND		ug/kg	26000	--	100
Benzaldehyde	ND		ug/kg	45000	--	100
Caprolactam	ND		ug/kg	32000	--	100
2,3,4,6-Tetrachlorophenol	ND		ug/kg	32000	--	100

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-13 D Date Collected: 07/17/12 08:15

Client ID: S-12L-B008-0.5-1.0 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**0**	Q	25-120
Phenol-d6	**0**	Q	10-120
Nitrobenzene-d5	**0**	Q	23-120
2-Fluorobiphenyl	**0**	Q	30-120
2,4,6-Tribromophenol	0		0-136
4-Terphenyl-d14	**0**	Q	18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-14 D	Date Collected:	07/17/12 08:15
Client ID:	S-12L-B008-0.5-1.0REP	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 10:00
Analytical Date:	07/31/12 15:51		
Analyst:	RC		
Percent Solids:	51%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	25000	--	100
Hexachlorobenzene	ND		ug/kg	19000	--	100
Bis(2-chloroethyl)ether	ND		ug/kg	32000	--	100
2-Chloronaphthalene	ND		ug/kg	32000	--	100
3,3'-Dichlorobenzidine	ND		ug/kg	32000	--	100
2,4-Dinitrotoluene	ND		ug/kg	32000	--	100
2,6-Dinitrotoluene	ND		ug/kg	32000	--	100
Fluoranthene	ND		ug/kg	19000	--	100
4-Chlorophenyl phenyl ether	ND		ug/kg	32000	--	100
4-Bromophenyl phenyl ether	ND		ug/kg	32000	--	100
Bis(2-chloroisopropyl)ether	ND		ug/kg	38000	--	100
Bis(2-chloroethoxy)methane	ND		ug/kg	32000	--	100
Hexachlorobutadiene	ND		ug/kg	32000	--	100
Hexachlorocyclopentadiene	ND		ug/kg	89000	--	100
Hexachloroethane	ND		ug/kg	25000	--	100
Isophorone	ND		ug/kg	32000	--	100
Naphthalene	ND		ug/kg	32000	--	100
Nitrobenzene	ND		ug/kg	32000	--	100
NDPA/DPA	ND		ug/kg	25000	--	100
n-Nitrosodi-n-propylamine	ND		ug/kg	32000	--	100
Bis(2-ethylhexyl)phthalate	ND		ug/kg	32000	--	100
Butyl benzyl phthalate	ND		ug/kg	32000	--	100
Di-n-butylphthalate	ND		ug/kg	32000	--	100
Di-n-octylphthalate	ND		ug/kg	32000	--	100
Diethyl phthalate	ND		ug/kg	32000	--	100
Dimethyl phthalate	ND		ug/kg	32000	--	100
Benzo(a)anthracene	ND		ug/kg	19000	--	100
Benzo(a)pyrene	ND		ug/kg	25000	--	100
Benzo(b)fluoranthene	ND		ug/kg	19000	--	100
Benzo(k)fluoranthene	ND		ug/kg	19000	--	100
Chrysene	ND		ug/kg	19000	--	100

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-14 D Date Collected: 07/17/12 08:15

Client ID: S-12L-B008-0.5-1.0REP Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	25000	--	100
Anthracene	ND		ug/kg	19000	--	100
Benzo(ghi)perylene	ND		ug/kg	25000	--	100
Fluorene	ND		ug/kg	32000	--	100
Phenanthrene	ND		ug/kg	19000	--	100
Dibenzo(a,h)anthracene	ND		ug/kg	19000	--	100
Indeno(1,2,3-cd)pyrene	ND		ug/kg	25000	--	100
Pyrene	ND		ug/kg	19000	--	100
Biphenyl	ND		ug/kg	70000	--	100
4-Chloroaniline	ND		ug/kg	32000	--	100
2-Nitroaniline	ND		ug/kg	32000	--	100
3-Nitroaniline	ND		ug/kg	32000	--	100
4-Nitroaniline	ND		ug/kg	32000	--	100
Dibenzofuran	ND		ug/kg	32000	--	100
2-Methylnaphthalene	ND		ug/kg	38000	--	100
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	32000	--	100
Acetophenone	ND		ug/kg	32000	--	100
2,4,6-Trichlorophenol	ND		ug/kg	19000	--	100
p-Chloro-m-cresol	ND		ug/kg	32000	--	100
2-Chlorophenol	ND		ug/kg	32000	--	100
2,4-Dichlorophenol	ND		ug/kg	32000	--	100
2,4-Dimethylphenol	ND		ug/kg	32000	--	100
2-Nitrophenol	ND		ug/kg	70000	--	100
4-Nitrophenol	ND		ug/kg	44000	--	100
2,4-Dinitrophenol	ND		ug/kg	150000	--	100
4,6-Dinitro-o-cresol	ND		ug/kg	82000	--	100
Pentachlorophenol	ND		ug/kg	25000	--	100
Phenol	ND		ug/kg	32000	--	100
2-Methylphenol	ND		ug/kg	32000	--	100
3-Methylphenol/4-Methylphenol	ND		ug/kg	44000	--	100
2,4,5-Trichlorophenol	ND		ug/kg	32000	--	100
Carbazole	ND		ug/kg	32000	--	100
Atrazine	ND		ug/kg	25000	--	100
Benzaldehyde	ND		ug/kg	44000	--	100
Caprolactam	ND		ug/kg	32000	--	100
2,3,4,6-Tetrachlorophenol	ND		ug/kg	32000	--	100

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-14 D Date Collected: 07/17/12 08:15

Client ID: S-12L-B008-0.5-1.0REP Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**0**	Q	25-120
Phenol-d6	**0**	Q	10-120
Nitrobenzene-d5	**0**	Q	23-120
2-Fluorobiphenyl	**0**	Q	30-120
2,4,6-Tribromophenol	0		0-136
4-Terphenyl-d14	**0**	Q	18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-15 D	Date Collected:	07/17/12 08:15
Client ID:	S-12L-B008-1.5-2.0	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 10:00
Analytical Date:	07/31/12 16:19		
Analyst:	RC		
Percent Solids:	52%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	25000	--	100
Hexachlorobenzene	ND		ug/kg	19000	--	100
Bis(2-chloroethyl)ether	ND		ug/kg	32000	--	100
2-Chloronaphthalene	ND		ug/kg	32000	--	100
3,3'-Dichlorobenzidine	ND		ug/kg	32000	--	100
2,4-Dinitrotoluene	ND		ug/kg	32000	--	100
2,6-Dinitrotoluene	ND		ug/kg	32000	--	100
Fluoranthene	ND		ug/kg	19000	--	100
4-Chlorophenyl phenyl ether	ND		ug/kg	32000	--	100
4-Bromophenyl phenyl ether	ND		ug/kg	32000	--	100
Bis(2-chloroisopropyl)ether	ND		ug/kg	38000	--	100
Bis(2-chloroethoxy)methane	ND		ug/kg	32000	--	100
Hexachlorobutadiene	ND		ug/kg	32000	--	100
Hexachlorocyclopentadiene	ND		ug/kg	89000	--	100
Hexachloroethane	ND		ug/kg	25000	--	100
Isophorone	ND		ug/kg	32000	--	100
Naphthalene	ND		ug/kg	32000	--	100
Nitrobenzene	ND		ug/kg	32000	--	100
NDPA/DPA	ND		ug/kg	25000	--	100
n-Nitrosodi-n-propylamine	ND		ug/kg	32000	--	100
Bis(2-ethylhexyl)phthalate	ND		ug/kg	32000	--	100
Butyl benzyl phthalate	ND		ug/kg	32000	--	100
Di-n-butylphthalate	ND		ug/kg	32000	--	100
Di-n-octylphthalate	ND		ug/kg	32000	--	100
Diethyl phthalate	ND		ug/kg	32000	--	100
Dimethyl phthalate	ND		ug/kg	32000	--	100
Benzo(a)anthracene	ND		ug/kg	19000	--	100
Benzo(a)pyrene	ND		ug/kg	25000	--	100
Benzo(b)fluoranthene	ND		ug/kg	19000	--	100
Benzo(k)fluoranthene	ND		ug/kg	19000	--	100
Chrysene	ND		ug/kg	19000	--	100

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-15 D Date Collected: 07/17/12 08:15

Client ID: S-12L-B008-1.5-2.0 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	25000	--	100
Anthracene	ND		ug/kg	19000	--	100
Benzo(ghi)perylene	ND		ug/kg	25000	--	100
Fluorene	ND		ug/kg	32000	--	100
Phenanthrene	ND		ug/kg	19000	--	100
Dibenzo(a,h)anthracene	ND		ug/kg	19000	--	100
Indeno(1,2,3-cd)pyrene	ND		ug/kg	25000	--	100
Pyrene	ND		ug/kg	19000	--	100
Biphenyl	ND		ug/kg	70000	--	100
4-Chloroaniline	ND		ug/kg	32000	--	100
2-Nitroaniline	ND		ug/kg	32000	--	100
3-Nitroaniline	ND		ug/kg	32000	--	100
4-Nitroaniline	ND		ug/kg	32000	--	100
Dibenzofuran	ND		ug/kg	32000	--	100
2-Methylnaphthalene	ND		ug/kg	38000	--	100
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	32000	--	100
Acetophenone	ND		ug/kg	32000	--	100
2,4,6-Trichlorophenol	ND		ug/kg	19000	--	100
p-Chloro-m-cresol	ND		ug/kg	32000	--	100
2-Chlorophenol	ND		ug/kg	32000	--	100
2,4-Dichlorophenol	ND		ug/kg	32000	--	100
2,4-Dimethylphenol	ND		ug/kg	32000	--	100
2-Nitrophenol	ND		ug/kg	70000	--	100
4-Nitrophenol	ND		ug/kg	44000	--	100
2,4-Dinitrophenol	ND		ug/kg	150000	--	100
4,6-Dinitro-o-cresol	ND		ug/kg	83000	--	100
Pentachlorophenol	ND		ug/kg	25000	--	100
Phenol	ND		ug/kg	32000	--	100
2-Methylphenol	ND		ug/kg	32000	--	100
3-Methylphenol/4-Methylphenol	ND		ug/kg	44000	--	100
2,4,5-Trichlorophenol	ND		ug/kg	32000	--	100
Carbazole	ND		ug/kg	32000	--	100
Atrazine	ND		ug/kg	25000	--	100
Benzaldehyde	ND		ug/kg	44000	--	100
Caprolactam	ND		ug/kg	32000	--	100
2,3,4,6-Tetrachlorophenol	ND		ug/kg	32000	--	100

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-15 D Date Collected: 07/17/12 08:15

Client ID: S-12L-B008-1.5-2.0 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**0**	Q	25-120
Phenol-d6	**0**	Q	10-120
Nitrobenzene-d5	**0**	Q	23-120
2-Fluorobiphenyl	**0**	Q	30-120
2,4,6-Tribromophenol	0		0-136
4-Terphenyl-d14	**0**	Q	18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-16 D	Date Collected:	07/17/12 08:15
Client ID:	S-12L-B008-3.0-3.5	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 10:00
Analytical Date:	07/31/12 03:38		
Analyst:	RC		
Percent Solids:	54%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	2400	--	10
Hexachlorobenzene	ND		ug/kg	1800	--	10
Bis(2-chloroethyl)ether	ND		ug/kg	3000	--	10
2-Chloronaphthalene	ND		ug/kg	3000	--	10
3,3'-Dichlorobenzidine	ND		ug/kg	3000	--	10
2,4-Dinitrotoluene	ND		ug/kg	3000	--	10
2,6-Dinitrotoluene	ND		ug/kg	3000	--	10
Fluoranthene	ND		ug/kg	1800	--	10
4-Chlorophenyl phenyl ether	ND		ug/kg	3000	--	10
4-Bromophenyl phenyl ether	ND		ug/kg	3000	--	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	3600	--	10
Bis(2-chloroethoxy)methane	ND		ug/kg	3000	--	10
Hexachlorobutadiene	ND		ug/kg	3000	--	10
Hexachlorocyclopentadiene	ND		ug/kg	8500	--	10
Hexachloroethane	ND		ug/kg	2400	--	10
Isophorone	ND		ug/kg	3000	--	10
Naphthalene	ND		ug/kg	3000	--	10
Nitrobenzene	ND		ug/kg	3000	--	10
NDPA/DPA	ND		ug/kg	2400	--	10
n-Nitrosodi-n-propylamine	ND		ug/kg	3000	--	10
Bis(2-ethylhexyl)phthalate	ND		ug/kg	3000	--	10
Butyl benzyl phthalate	ND		ug/kg	3000	--	10
Di-n-butylphthalate	ND		ug/kg	3000	--	10
Di-n-octylphthalate	ND		ug/kg	3000	--	10
Diethyl phthalate	ND		ug/kg	3000	--	10
Dimethyl phthalate	ND		ug/kg	3000	--	10
Benzo(a)anthracene	ND		ug/kg	1800	--	10
Benzo(a)pyrene	ND		ug/kg	2400	--	10
Benzo(b)fluoranthene	ND		ug/kg	1800	--	10
Benzo(k)fluoranthene	ND		ug/kg	1800	--	10
Chrysene	ND		ug/kg	1800	--	10

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-16 D Date Collected: 07/17/12 08:15

Client ID: S-12L-B008-3.0-3.5 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	2400	--	10
Anthracene	ND		ug/kg	1800	--	10
Benzo(ghi)perylene	ND		ug/kg	2400	--	10
Fluorene	ND		ug/kg	3000	--	10
Phenanthrene	ND		ug/kg	1800	--	10
Dibenzo(a,h)anthracene	ND		ug/kg	1800	--	10
Indeno(1,2,3-cd)pyrene	ND		ug/kg	2400	--	10
Pyrene	ND		ug/kg	1800	--	10
Biphenyl	ND		ug/kg	6700	--	10
4-Chloroaniline	ND		ug/kg	3000	--	10
2-Nitroaniline	ND		ug/kg	3000	--	10
3-Nitroaniline	ND		ug/kg	3000	--	10
4-Nitroaniline	ND		ug/kg	3000	--	10
Dibenzofuran	ND		ug/kg	3000	--	10
2-Methylnaphthalene	ND		ug/kg	3600	--	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	3000	--	10
Acetophenone	ND		ug/kg	3000	--	10
2,4,6-Trichlorophenol	ND		ug/kg	1800	--	10
p-Chloro-m-cresol	ND		ug/kg	3000	--	10
2-Chlorophenol	ND		ug/kg	3000	--	10
2,4-Dichlorophenol	ND		ug/kg	3000	--	10
2,4-Dimethylphenol	ND		ug/kg	3000	--	10
2-Nitrophenol	ND		ug/kg	6700	--	10
4-Nitrophenol	ND		ug/kg	4200	--	10
2,4-Dinitrophenol	ND		ug/kg	15000	--	10
4,6-Dinitro-o-cresol	ND		ug/kg	7900	--	10
Pentachlorophenol	ND		ug/kg	2400	--	10
Phenol	ND		ug/kg	3000	--	10
2-Methylphenol	ND		ug/kg	3000	--	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	4200	--	10
2,4,5-Trichlorophenol	ND		ug/kg	3000	--	10
Carbazole	ND		ug/kg	3000	--	10
Atrazine	ND		ug/kg	2400	--	10
Benzaldehyde	ND		ug/kg	4200	--	10
Caprolactam	ND		ug/kg	3000	--	10
2,3,4,6-Tetrachlorophenol	ND		ug/kg	3000	--	10

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-16 D
Client ID: S-12L-B008-3.0-3.5
Sample Location: NEW BEDFORD, MA

Date Collected: 07/17/12 08:15
Date Received: 07/17/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	82		0-136
4-Terphenyl-d14	72		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-17 D	Date Collected:	07/17/12 08:30
Client ID:	S-12L-B008-6.0-6.5	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 10:00
Analytical Date:	07/31/12 04:06		
Analyst:	RC		
Percent Solids:	50%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	2600	--	10
Hexachlorobenzene	ND		ug/kg	2000	--	10
Bis(2-chloroethyl)ether	ND		ug/kg	3300	--	10
2-Chloronaphthalene	ND		ug/kg	3300	--	10
3,3'-Dichlorobenzidine	ND		ug/kg	3300	--	10
2,4-Dinitrotoluene	ND		ug/kg	3300	--	10
2,6-Dinitrotoluene	ND		ug/kg	3300	--	10
Fluoranthene	ND		ug/kg	2000	--	10
4-Chlorophenyl phenyl ether	ND		ug/kg	3300	--	10
4-Bromophenyl phenyl ether	ND		ug/kg	3300	--	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	3900	--	10
Bis(2-chloroethoxy)methane	ND		ug/kg	3300	--	10
Hexachlorobutadiene	ND		ug/kg	3300	--	10
Hexachlorocyclopentadiene	ND		ug/kg	9200	--	10
Hexachloroethane	ND		ug/kg	2600	--	10
Isophorone	ND		ug/kg	3300	--	10
Naphthalene	ND		ug/kg	3300	--	10
Nitrobenzene	ND		ug/kg	3300	--	10
NDPA/DPA	ND		ug/kg	2600	--	10
n-Nitrosodi-n-propylamine	ND		ug/kg	3300	--	10
Bis(2-ethylhexyl)phthalate	ND		ug/kg	3300	--	10
Butyl benzyl phthalate	ND		ug/kg	3300	--	10
Di-n-butylphthalate	ND		ug/kg	3300	--	10
Di-n-octylphthalate	ND		ug/kg	3300	--	10
Diethyl phthalate	ND		ug/kg	3300	--	10
Dimethyl phthalate	ND		ug/kg	3300	--	10
Benzo(a)anthracene	ND		ug/kg	2000	--	10
Benzo(a)pyrene	ND		ug/kg	2600	--	10
Benzo(b)fluoranthene	ND		ug/kg	2000	--	10
Benzo(k)fluoranthene	ND		ug/kg	2000	--	10
Chrysene	ND		ug/kg	2000	--	10

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-17 D Date Collected: 07/17/12 08:30

Client ID: S-12L-B008-6.0-6.5 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	2600	--	10
Anthracene	ND		ug/kg	2000	--	10
Benzo(ghi)perylene	ND		ug/kg	2600	--	10
Fluorene	ND		ug/kg	3300	--	10
Phenanthrene	ND		ug/kg	2000	--	10
Dibenzo(a,h)anthracene	ND		ug/kg	2000	--	10
Indeno(1,2,3-cd)pyrene	ND		ug/kg	2600	--	10
Pyrene	ND		ug/kg	2000	--	10
Biphenyl	ND		ug/kg	7200	--	10
4-Chloroaniline	ND		ug/kg	3300	--	10
2-Nitroaniline	ND		ug/kg	3300	--	10
3-Nitroaniline	ND		ug/kg	3300	--	10
4-Nitroaniline	ND		ug/kg	3300	--	10
Dibenzofuran	ND		ug/kg	3300	--	10
2-Methylnaphthalene	ND		ug/kg	3900	--	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	3300	--	10
Acetophenone	ND		ug/kg	3300	--	10
2,4,6-Trichlorophenol	ND		ug/kg	2000	--	10
p-Chloro-m-cresol	ND		ug/kg	3300	--	10
2-Chlorophenol	ND		ug/kg	3300	--	10
2,4-Dichlorophenol	ND		ug/kg	3300	--	10
2,4-Dimethylphenol	ND		ug/kg	3300	--	10
2-Nitrophenol	ND		ug/kg	7200	--	10
4-Nitrophenol	ND		ug/kg	4600	--	10
2,4-Dinitrophenol	ND		ug/kg	16000	--	10
4,6-Dinitro-o-cresol	ND		ug/kg	8500	--	10
Pentachlorophenol	ND		ug/kg	2600	--	10
Phenol	ND		ug/kg	3300	--	10
2-Methylphenol	ND		ug/kg	3300	--	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	4600	--	10
2,4,5-Trichlorophenol	ND		ug/kg	3300	--	10
Carbazole	ND		ug/kg	3300	--	10
Atrazine	ND		ug/kg	2600	--	10
Benzaldehyde	ND		ug/kg	4600	--	10
Caprolactam	ND		ug/kg	3300	--	10
2,3,4,6-Tetrachlorophenol	ND		ug/kg	3300	--	10

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-17 D
Client ID: S-12L-B008-6.0-6.5
Sample Location: NEW BEDFORD, MA

Date Collected: 07/17/12 08:30
Date Received: 07/17/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	42		0-136
4-Terphenyl-d14	43		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-18	Date Collected:	07/17/12 08:30
Client ID:	S-12L-B008-7.5-8.0	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 10:00
Analytical Date:	07/31/12 02:44		
Analyst:	RC		
Percent Solids:	47%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	280	--	1
Hexachlorobenzene	ND		ug/kg	210	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	350	--	1
2-Chloronaphthalene	ND		ug/kg	350	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	350	--	1
2,4-Dinitrotoluene	ND		ug/kg	350	--	1
2,6-Dinitrotoluene	ND		ug/kg	350	--	1
Fluoranthene	ND		ug/kg	210	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	350	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	350	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	420	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	350	--	1
Hexachlorobutadiene	ND		ug/kg	350	--	1
Hexachlorocyclopentadiene	ND		ug/kg	970	--	1
Hexachloroethane	ND		ug/kg	280	--	1
Isophorone	ND		ug/kg	350	--	1
Naphthalene	ND		ug/kg	350	--	1
Nitrobenzene	ND		ug/kg	350	--	1
NDPA/DPA	ND		ug/kg	280	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	350	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	350	--	1
Butyl benzyl phthalate	ND		ug/kg	350	--	1
Di-n-butylphthalate	ND		ug/kg	350	--	1
Di-n-octylphthalate	ND		ug/kg	350	--	1
Diethyl phthalate	ND		ug/kg	350	--	1
Dimethyl phthalate	ND		ug/kg	350	--	1
Benzo(a)anthracene	ND		ug/kg	210	--	1
Benzo(a)pyrene	ND		ug/kg	280	--	1
Benzo(b)fluoranthene	ND		ug/kg	210	--	1
Benzo(k)fluoranthene	ND		ug/kg	210	--	1
Chrysene	ND		ug/kg	210	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-18 Date Collected: 07/17/12 08:30

Client ID: S-12L-B008-7.5-8.0 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	280	--	1
Anthracene	ND		ug/kg	210	--	1
Benzo(ghi)perylene	ND		ug/kg	280	--	1
Fluorene	ND		ug/kg	350	--	1
Phenanthrene	ND		ug/kg	210	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	210	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	280	--	1
Pyrene	ND		ug/kg	210	--	1
Biphenyl	ND		ug/kg	760	--	1
4-Chloroaniline	ND		ug/kg	350	--	1
2-Nitroaniline	ND		ug/kg	350	--	1
3-Nitroaniline	ND		ug/kg	350	--	1
4-Nitroaniline	ND		ug/kg	350	--	1
Dibenzofuran	ND		ug/kg	350	--	1
2-Methylnaphthalene	ND		ug/kg	420	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	350	--	1
Acetophenone	ND		ug/kg	350	--	1
2,4,6-Trichlorophenol	ND		ug/kg	210	--	1
p-Chloro-m-cresol	ND		ug/kg	350	--	1
2-Chlorophenol	ND		ug/kg	350	--	1
2,4-Dichlorophenol	ND		ug/kg	350	--	1
2,4-Dimethylphenol	ND		ug/kg	350	--	1
2-Nitrophenol	ND		ug/kg	760	--	1
4-Nitrophenol	ND		ug/kg	480	--	1
2,4-Dinitrophenol	ND		ug/kg	1700	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	900	--	1
Pentachlorophenol	ND		ug/kg	280	--	1
Phenol	ND		ug/kg	350	--	1
2-Methylphenol	ND		ug/kg	350	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	480	--	1
2,4,5-Trichlorophenol	ND		ug/kg	350	--	1
Carbazole	ND		ug/kg	350	--	1
Atrazine	ND		ug/kg	280	--	1
Benzaldehyde	ND		ug/kg	480	--	1
Caprolactam	ND		ug/kg	350	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	350	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-18 Date Collected: 07/17/12 08:30

Client ID: S-12L-B008-7.5-8.0 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	84		0-136
4-Terphenyl-d14	69		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-19	Date Collected:	07/17/12 09:00
Client ID:	EB-071712-01	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8270D	Extraction Date:	07/18/12 08:03
Analytical Date:	07/26/12 02:27		
Analyst:	JC		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/l	2.0	--	1
Hexachlorobenzene	ND		ug/l	2.0	--	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	--	1
2-Chloronaphthalene	ND		ug/l	2.0	--	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	--	1
2,4-Dinitrotoluene	ND		ug/l	5.0	--	1
2,6-Dinitrotoluene	ND		ug/l	5.0	--	1
Fluoranthene	ND		ug/l	2.0	--	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	--	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	--	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	--	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	--	1
Hexachlorobutadiene	ND		ug/l	2.0	--	1
Hexachlorocyclopentadiene	ND		ug/l	20	--	1
Hexachloroethane	ND		ug/l	2.0	--	1
Isophorone	ND		ug/l	5.0	--	1
Naphthalene	ND		ug/l	2.0	--	1
Nitrobenzene	ND		ug/l	2.0	--	1
NDPA/DPA	ND		ug/l	2.0	--	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	--	1
Butyl benzyl phthalate	ND		ug/l	5.0	--	1
Di-n-butylphthalate	ND		ug/l	5.0	--	1
Di-n-octylphthalate	ND		ug/l	5.0	--	1
Diethyl phthalate	ND		ug/l	5.0	--	1
Dimethyl phthalate	ND		ug/l	5.0	--	1
Benzo(a)anthracene	ND		ug/l	2.0	--	1
Benzo(a)pyrene	ND		ug/l	2.0	--	1
Benzo(b)fluoranthene	ND		ug/l	2.0	--	1
Benzo(k)fluoranthene	ND		ug/l	2.0	--	1
Chrysene	ND		ug/l	2.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-19 Date Collected: 07/17/12 09:00

Client ID: EB-071712-01 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/l	2.0	--	1
Anthracene	ND		ug/l	2.0	--	1
Benzo(ghi)perylene	ND		ug/l	2.0	--	1
Fluorene	ND		ug/l	2.0	--	1
Phenanthrene	ND		ug/l	2.0	--	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	--	1
Pyrene	ND		ug/l	2.0	--	1
Biphenyl	ND		ug/l	2.0	--	1
4-Chloroaniline	ND		ug/l	5.0	--	1
2-Nitroaniline	ND		ug/l	5.0	--	1
3-Nitroaniline	ND		ug/l	5.0	--	1
4-Nitroaniline	ND		ug/l	5.0	--	1
Dibenzofuran	ND		ug/l	2.0	--	1
2-Methylnaphthalene	ND		ug/l	2.0	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	--	1
Acetophenone	ND		ug/l	5.0	--	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	--	1
p-Chloro-m-cresol	ND		ug/l	2.0	--	1
2-Chlorophenol	ND		ug/l	2.0	--	1
2,4-Dichlorophenol	ND		ug/l	5.0	--	1
2,4-Dimethylphenol	ND		ug/l	5.0	--	1
2-Nitrophenol	ND		ug/l	10	--	1
4-Nitrophenol	ND		ug/l	10	--	1
2,4-Dinitrophenol	ND		ug/l	20	--	1
4,6-Dinitro-o-cresol	ND		ug/l	10	--	1
Pentachlorophenol	ND		ug/l	10	--	1
Phenol	ND		ug/l	5.0	--	1
2-Methylphenol	ND		ug/l	5.0	--	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	--	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	--	1
Carbazole	ND		ug/l	2.0	--	1
Atrazine	ND		ug/l	10	--	1
Benzaldehyde	ND		ug/l	5.0	--	1
Caprolactam	ND		ug/l	10	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-19 Date Collected: 07/17/12 09:00

Client ID: EB-071712-01 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	40		21-120
Phenol-d6	26		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	91		10-120
4-Terphenyl-d14	88		41-149

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-20	Date Collected:	07/17/12 11:15
Client ID:	EB-071712-02	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8270D	Extraction Date:	07/18/12 08:03
Analytical Date:	07/26/12 02:50		
Analyst:	JC		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/l	2.0	--	1
Hexachlorobenzene	ND		ug/l	2.0	--	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	--	1
2-Chloronaphthalene	ND		ug/l	2.0	--	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	--	1
2,4-Dinitrotoluene	ND		ug/l	5.0	--	1
2,6-Dinitrotoluene	ND		ug/l	5.0	--	1
Fluoranthene	ND		ug/l	2.0	--	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	--	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	--	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	--	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	--	1
Hexachlorobutadiene	ND		ug/l	2.0	--	1
Hexachlorocyclopentadiene	ND		ug/l	20	--	1
Hexachloroethane	ND		ug/l	2.0	--	1
Isophorone	ND		ug/l	5.0	--	1
Naphthalene	ND		ug/l	2.0	--	1
Nitrobenzene	ND		ug/l	2.0	--	1
NDPA/DPA	ND		ug/l	2.0	--	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	--	1
Butyl benzyl phthalate	ND		ug/l	5.0	--	1
Di-n-butylphthalate	ND		ug/l	5.0	--	1
Di-n-octylphthalate	ND		ug/l	5.0	--	1
Diethyl phthalate	ND		ug/l	5.0	--	1
Dimethyl phthalate	ND		ug/l	5.0	--	1
Benzo(a)anthracene	ND		ug/l	2.0	--	1
Benzo(a)pyrene	ND		ug/l	2.0	--	1
Benzo(b)fluoranthene	ND		ug/l	2.0	--	1
Benzo(k)fluoranthene	ND		ug/l	2.0	--	1
Chrysene	ND		ug/l	2.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-20 Date Collected: 07/17/12 11:15

Client ID: EB-071712-02 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/l	2.0	--	1
Anthracene	ND		ug/l	2.0	--	1
Benzo(ghi)perylene	ND		ug/l	2.0	--	1
Fluorene	ND		ug/l	2.0	--	1
Phenanthrene	ND		ug/l	2.0	--	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	--	1
Pyrene	ND		ug/l	2.0	--	1
Biphenyl	ND		ug/l	2.0	--	1
4-Chloroaniline	ND		ug/l	5.0	--	1
2-Nitroaniline	ND		ug/l	5.0	--	1
3-Nitroaniline	ND		ug/l	5.0	--	1
4-Nitroaniline	ND		ug/l	5.0	--	1
Dibenzofuran	ND		ug/l	2.0	--	1
2-Methylnaphthalene	ND		ug/l	2.0	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	--	1
Acetophenone	ND		ug/l	5.0	--	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	--	1
p-Chloro-m-cresol	ND		ug/l	2.0	--	1
2-Chlorophenol	ND		ug/l	2.0	--	1
2,4-Dichlorophenol	ND		ug/l	5.0	--	1
2,4-Dimethylphenol	ND		ug/l	5.0	--	1
2-Nitrophenol	ND		ug/l	10	--	1
4-Nitrophenol	ND		ug/l	10	--	1
2,4-Dinitrophenol	ND		ug/l	20	--	1
4,6-Dinitro-o-cresol	ND		ug/l	10	--	1
Pentachlorophenol	ND		ug/l	10	--	1
Phenol	ND		ug/l	5.0	--	1
2-Methylphenol	ND		ug/l	5.0	--	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	--	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	--	1
Carbazole	ND		ug/l	2.0	--	1
Atrazine	ND		ug/l	10	--	1
Benzaldehyde	ND		ug/l	5.0	--	1
Caprolactam	ND		ug/l	10	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-20 Date Collected: 07/17/12 11:15

Client ID: EB-071712-02 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	40		21-120
Phenol-d6	25		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	95		10-120
4-Terphenyl-d14	87		41-149

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-21 D	Date Collected:	07/17/12 08:55
Client ID:	S-12L-B008-11.0-11.5	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 10:20
Analytical Date:	07/31/12 04:33		
Analyst:	RC		
Percent Solids:	89%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	1500	--	10
Hexachlorobenzene	ND		ug/kg	1100	--	10
Bis(2-chloroethyl)ether	ND		ug/kg	1800	--	10
2-Chloronaphthalene	ND		ug/kg	1800	--	10
3,3'-Dichlorobenzidine	ND		ug/kg	1800	--	10
2,4-Dinitrotoluene	ND		ug/kg	1800	--	10
2,6-Dinitrotoluene	ND		ug/kg	1800	--	10
Fluoranthene	ND		ug/kg	1100	--	10
4-Chlorophenyl phenyl ether	ND		ug/kg	1800	--	10
4-Bromophenyl phenyl ether	ND		ug/kg	1800	--	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	2200	--	10
Bis(2-chloroethoxy)methane	ND		ug/kg	1800	--	10
Hexachlorobutadiene	ND		ug/kg	1800	--	10
Hexachlorocyclopentadiene	ND		ug/kg	5200	--	10
Hexachloroethane	ND		ug/kg	1500	--	10
Isophorone	ND		ug/kg	1800	--	10
Naphthalene	ND		ug/kg	1800	--	10
Nitrobenzene	ND		ug/kg	1800	--	10
NDPA/DPA	ND		ug/kg	1500	--	10
n-Nitrosodi-n-propylamine	ND		ug/kg	1800	--	10
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1800	--	10
Butyl benzyl phthalate	ND		ug/kg	1800	--	10
Di-n-butylphthalate	ND		ug/kg	1800	--	10
Di-n-octylphthalate	ND		ug/kg	1800	--	10
Diethyl phthalate	ND		ug/kg	1800	--	10
Dimethyl phthalate	ND		ug/kg	1800	--	10
Benzo(a)anthracene	ND		ug/kg	1100	--	10
Benzo(a)pyrene	ND		ug/kg	1500	--	10
Benzo(b)fluoranthene	ND		ug/kg	1100	--	10
Benzo(k)fluoranthene	ND		ug/kg	1100	--	10
Chrysene	ND		ug/kg	1100	--	10

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-21 D
Client ID: S-12L-B008-11.0-11.5
Sample Location: NEW BEDFORD, MA

Date Collected: 07/17/12 08:55
Date Received: 07/17/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	1500	--	10
Anthracene	ND		ug/kg	1100	--	10
Benzo(ghi)perylene	ND		ug/kg	1500	--	10
Fluorene	ND		ug/kg	1800	--	10
Phenanthrene	ND		ug/kg	1100	--	10
Dibenzo(a,h)anthracene	ND		ug/kg	1100	--	10
Indeno(1,2,3-cd)pyrene	ND		ug/kg	1500	--	10
Pyrene	ND		ug/kg	1100	--	10
Biphenyl	ND		ug/kg	4100	--	10
4-Chloroaniline	ND		ug/kg	1800	--	10
2-Nitroaniline	ND		ug/kg	1800	--	10
3-Nitroaniline	ND		ug/kg	1800	--	10
4-Nitroaniline	ND		ug/kg	1800	--	10
Dibenzofuran	ND		ug/kg	1800	--	10
2-Methylnaphthalene	ND		ug/kg	2200	--	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1800	--	10
Acetophenone	ND		ug/kg	1800	--	10
2,4,6-Trichlorophenol	ND		ug/kg	1100	--	10
p-Chloro-m-cresol	ND		ug/kg	1800	--	10
2-Chlorophenol	ND		ug/kg	1800	--	10
2,4-Dichlorophenol	ND		ug/kg	1800	--	10
2,4-Dimethylphenol	ND		ug/kg	1800	--	10
2-Nitrophenol	ND		ug/kg	4100	--	10
4-Nitrophenol	ND		ug/kg	2600	--	10
2,4-Dinitrophenol	ND		ug/kg	8900	--	10
4,6-Dinitro-o-cresol	ND		ug/kg	4800	--	10
Pentachlorophenol	ND		ug/kg	1500	--	10
Phenol	ND		ug/kg	1800	--	10
2-Methylphenol	ND		ug/kg	1800	--	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	2600	--	10
2,4,5-Trichlorophenol	ND		ug/kg	1800	--	10
Carbazole	ND		ug/kg	1800	--	10
Atrazine	ND		ug/kg	1500	--	10
Benzaldehyde	ND		ug/kg	2600	--	10
Caprolactam	ND		ug/kg	1800	--	10
2,3,4,6-Tetrachlorophenol	ND		ug/kg	1800	--	10

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-21 D Date Collected: 07/17/12 08:55

Client ID: S-12L-B008-11.0-11.5 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	77		0-136
4-Terphenyl-d14	66		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-22 D	Date Collected:	07/17/12 09:25
Client ID:	S-12L-B008-16.5-17.0	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 10:20
Analytical Date:	07/31/12 05:00		
Analyst:	RC		
Percent Solids:	92%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	1400	--	10
Hexachlorobenzene	ND		ug/kg	1000	--	10
Bis(2-chloroethyl)ether	ND		ug/kg	1800	--	10
2-Chloronaphthalene	ND		ug/kg	1800	--	10
3,3'-Dichlorobenzidine	ND		ug/kg	1800	--	10
2,4-Dinitrotoluene	ND		ug/kg	1800	--	10
2,6-Dinitrotoluene	ND		ug/kg	1800	--	10
Fluoranthene	ND		ug/kg	1000	--	10
4-Chlorophenyl phenyl ether	ND		ug/kg	1800	--	10
4-Bromophenyl phenyl ether	ND		ug/kg	1800	--	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	2100	--	10
Bis(2-chloroethoxy)methane	ND		ug/kg	1800	--	10
Hexachlorobutadiene	ND		ug/kg	1800	--	10
Hexachlorocyclopentadiene	ND		ug/kg	4900	--	10
Hexachloroethane	ND		ug/kg	1400	--	10
Isophorone	ND		ug/kg	1800	--	10
Naphthalene	ND		ug/kg	1800	--	10
Nitrobenzene	ND		ug/kg	1800	--	10
NDPA/DPA	ND		ug/kg	1400	--	10
n-Nitrosodi-n-propylamine	ND		ug/kg	1800	--	10
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1800	--	10
Butyl benzyl phthalate	ND		ug/kg	1800	--	10
Di-n-butylphthalate	ND		ug/kg	1800	--	10
Di-n-octylphthalate	ND		ug/kg	1800	--	10
Diethyl phthalate	ND		ug/kg	1800	--	10
Dimethyl phthalate	ND		ug/kg	1800	--	10
Benzo(a)anthracene	ND		ug/kg	1000	--	10
Benzo(a)pyrene	ND		ug/kg	1400	--	10
Benzo(b)fluoranthene	ND		ug/kg	1000	--	10
Benzo(k)fluoranthene	ND		ug/kg	1000	--	10
Chrysene	ND		ug/kg	1000	--	10

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-22 D Date Collected: 07/17/12 09:25

Client ID: S-12L-B008-16.5-17.0 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	1400	--	10
Anthracene	ND		ug/kg	1000	--	10
Benzo(ghi)perylene	ND		ug/kg	1400	--	10
Fluorene	ND		ug/kg	1800	--	10
Phenanthrene	ND		ug/kg	1000	--	10
Dibenzo(a,h)anthracene	ND		ug/kg	1000	--	10
Indeno(1,2,3-cd)pyrene	ND		ug/kg	1400	--	10
Pyrene	ND		ug/kg	1000	--	10
Biphenyl	ND		ug/kg	3800	--	10
4-Chloroaniline	ND		ug/kg	1800	--	10
2-Nitroaniline	ND		ug/kg	1800	--	10
3-Nitroaniline	ND		ug/kg	1800	--	10
4-Nitroaniline	ND		ug/kg	1800	--	10
Dibenzofuran	ND		ug/kg	1800	--	10
2-Methylnaphthalene	ND		ug/kg	2100	--	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1800	--	10
Acetophenone	ND		ug/kg	1800	--	10
2,4,6-Trichlorophenol	ND		ug/kg	1000	--	10
p-Chloro-m-cresol	ND		ug/kg	1800	--	10
2-Chlorophenol	ND		ug/kg	1800	--	10
2,4-Dichlorophenol	ND		ug/kg	1800	--	10
2,4-Dimethylphenol	ND		ug/kg	1800	--	10
2-Nitrophenol	ND		ug/kg	3800	--	10
4-Nitrophenol	ND		ug/kg	2400	--	10
2,4-Dinitrophenol	ND		ug/kg	8400	--	10
4,6-Dinitro-o-cresol	ND		ug/kg	4600	--	10
Pentachlorophenol	ND		ug/kg	1400	--	10
Phenol	ND		ug/kg	1800	--	10
2-Methylphenol	ND		ug/kg	1800	--	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	2400	--	10
2,4,5-Trichlorophenol	ND		ug/kg	1800	--	10
Carbazole	ND		ug/kg	1800	--	10
Atrazine	ND		ug/kg	1400	--	10
Benzaldehyde	ND		ug/kg	2400	--	10
Caprolactam	ND		ug/kg	1800	--	10
2,3,4,6-Tetrachlorophenol	ND		ug/kg	1800	--	10

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-22 D Date Collected: 07/17/12 09:25

Client ID: S-12L-B008-16.5-17.0 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	75		0-136
4-Terphenyl-d14	63		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-23	Date Collected:	07/17/12 09:55
Client ID:	S-12L-B008-21.0-21.5	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 10:20
Analytical Date:	07/31/12 03:12		
Analyst:	RC		
Percent Solids:	92%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	--	1
2-Chloronaphthalene	ND		ug/kg	180	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	--	1
2,4-Dinitrotoluene	ND		ug/kg	180	--	1
2,6-Dinitrotoluene	ND		ug/kg	180	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	--	1
Hexachlorobutadiene	ND		ug/kg	180	--	1
Hexachlorocyclopentadiene	ND		ug/kg	500	--	1
Hexachloroethane	ND		ug/kg	140	--	1
Isophorone	ND		ug/kg	180	--	1
Naphthalene	ND		ug/kg	180	--	1
Nitrobenzene	ND		ug/kg	180	--	1
NDPA/DPA	ND		ug/kg	140	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	--	1
Butyl benzyl phthalate	ND		ug/kg	180	--	1
Di-n-butylphthalate	ND		ug/kg	180	--	1
Di-n-octylphthalate	ND		ug/kg	180	--	1
Diethyl phthalate	ND		ug/kg	180	--	1
Dimethyl phthalate	ND		ug/kg	180	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	140	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-23 Date Collected: 07/17/12 09:55

Client ID: S-12L-B008-21.0-21.5 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	140	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	140	--	1
Fluorene	ND		ug/kg	180	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	400	--	1
4-Chloroaniline	ND		ug/kg	180	--	1
2-Nitroaniline	ND		ug/kg	180	--	1
3-Nitroaniline	ND		ug/kg	180	--	1
4-Nitroaniline	ND		ug/kg	180	--	1
Dibenzofuran	ND		ug/kg	180	--	1
2-Methylnaphthalene	ND		ug/kg	220	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	--	1
Acetophenone	ND		ug/kg	180	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	180	--	1
2-Chlorophenol	ND		ug/kg	180	--	1
2,4-Dichlorophenol	ND		ug/kg	180	--	1
2,4-Dimethylphenol	ND		ug/kg	180	--	1
2-Nitrophenol	ND		ug/kg	400	--	1
4-Nitrophenol	ND		ug/kg	250	--	1
2,4-Dinitrophenol	ND		ug/kg	860	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	--	1
Pentachlorophenol	ND		ug/kg	140	--	1
Phenol	ND		ug/kg	180	--	1
2-Methylphenol	ND		ug/kg	180	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	--	1
2,4,5-Trichlorophenol	ND		ug/kg	180	--	1
Carbazole	ND		ug/kg	180	--	1
Atrazine	ND		ug/kg	140	--	1
Benzaldehyde	ND		ug/kg	250	--	1
Caprolactam	ND		ug/kg	180	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-23 Date Collected: 07/17/12 09:55

Client ID: S-12L-B008-21.0-21.5 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	39		0-136
4-Terphenyl-d14	81		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-24	Date Collected:	07/17/12 09:55
Client ID:	S-12L-B008-22.2-22.7	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 11:00
Analytical Date:	07/30/12 15:22		
Analyst:	JB		
Percent Solids:	92%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	--	1
2-Chloronaphthalene	ND		ug/kg	180	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	--	1
2,4-Dinitrotoluene	ND		ug/kg	180	--	1
2,6-Dinitrotoluene	ND		ug/kg	180	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	--	1
Hexachlorobutadiene	ND		ug/kg	180	--	1
Hexachlorocyclopentadiene	ND		ug/kg	500	--	1
Hexachloroethane	ND		ug/kg	140	--	1
Isophorone	ND		ug/kg	180	--	1
Naphthalene	ND		ug/kg	180	--	1
Nitrobenzene	ND		ug/kg	180	--	1
NDPA/DPA	ND		ug/kg	140	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	--	1
Butyl benzyl phthalate	ND		ug/kg	180	--	1
Di-n-butylphthalate	ND		ug/kg	180	--	1
Di-n-octylphthalate	ND		ug/kg	180	--	1
Diethyl phthalate	ND		ug/kg	180	--	1
Dimethyl phthalate	ND		ug/kg	180	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	140	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-24 Date Collected: 07/17/12 09:55

Client ID: S-12L-B008-22.2-22.7 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	140	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	140	--	1
Fluorene	ND		ug/kg	180	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	390	--	1
4-Chloroaniline	ND		ug/kg	180	--	1
2-Nitroaniline	ND		ug/kg	180	--	1
3-Nitroaniline	ND		ug/kg	180	--	1
4-Nitroaniline	ND		ug/kg	180	--	1
Dibenzofuran	ND		ug/kg	180	--	1
2-Methylnaphthalene	ND		ug/kg	210	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	--	1
Acetophenone	ND		ug/kg	180	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	180	--	1
2-Chlorophenol	ND		ug/kg	180	--	1
2,4-Dichlorophenol	ND		ug/kg	180	--	1
2,4-Dimethylphenol	ND		ug/kg	180	--	1
2-Nitrophenol	ND		ug/kg	390	--	1
4-Nitrophenol	ND		ug/kg	250	--	1
2,4-Dinitrophenol	ND		ug/kg	850	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	--	1
Pentachlorophenol	ND		ug/kg	140	--	1
Phenol	ND		ug/kg	180	--	1
2-Methylphenol	ND		ug/kg	180	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	--	1
2,4,5-Trichlorophenol	ND		ug/kg	180	--	1
Carbazole	ND		ug/kg	180	--	1
Atrazine	ND		ug/kg	140	--	1
Benzaldehyde	ND		ug/kg	250	--	1
Caprolactam	ND		ug/kg	180	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-24 Date Collected: 07/17/12 09:55

Client ID: S-12L-B008-22.2-22.7 Date Received: 07/17/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	96		25-120
Phenol-d6	104		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	91		30-120
2,4,6-Tribromophenol	89		0-136
4-Terphenyl-d14	99		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/25/12 20:13
Analyst: JC

Extraction Method: EPA 3510C
Extraction Date: 07/18/12 08:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,19-20 Batch: WG549119-1					
Acenaphthene	ND		ug/l	2.0	--
Hexachlorobenzene	ND		ug/l	2.0	--
Bis(2-chloroethyl)ether	ND		ug/l	2.0	--
2-Chloronaphthalene	ND		ug/l	2.0	--
3,3'-Dichlorobenzidine	ND		ug/l	5.0	--
2,4-Dinitrotoluene	ND		ug/l	5.0	--
2,6-Dinitrotoluene	ND		ug/l	5.0	--
Fluoranthene	ND		ug/l	2.0	--
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	--
4-Bromophenyl phenyl ether	ND		ug/l	2.0	--
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	--
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	--
Hexachlorobutadiene	ND		ug/l	2.0	--
Hexachlorocyclopentadiene	ND		ug/l	20	--
Hexachloroethane	ND		ug/l	2.0	--
Isophorone	ND		ug/l	5.0	--
Naphthalene	ND		ug/l	2.0	--
Nitrobenzene	ND		ug/l	2.0	--
NDPA/DPA	ND		ug/l	2.0	--
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	--
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	--
Butyl benzyl phthalate	ND		ug/l	5.0	--
Di-n-butylphthalate	ND		ug/l	5.0	--
Di-n-octylphthalate	ND		ug/l	5.0	--
Diethyl phthalate	ND		ug/l	5.0	--
Dimethyl phthalate	ND		ug/l	5.0	--
Benzo(a)anthracene	ND		ug/l	2.0	--
Benzo(a)pyrene	ND		ug/l	2.0	--
Benzo(b)fluoranthene	ND		ug/l	2.0	--
Benzo(k)fluoranthene	ND		ug/l	2.0	--
Chrysene	ND		ug/l	2.0	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/25/12 20:13
Analyst: JC

Extraction Method: EPA 3510C
Extraction Date: 07/18/12 08:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,19-20 Batch: WG549119-1					
Acenaphthylene	ND		ug/l	2.0	--
Anthracene	ND		ug/l	2.0	--
Benzo(ghi)perylene	ND		ug/l	2.0	--
Fluorene	ND		ug/l	2.0	--
Phenanthrene	ND		ug/l	2.0	--
Dibenzo(a,h)anthracene	ND		ug/l	2.0	--
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	--
Pyrene	ND		ug/l	2.0	--
Biphenyl	ND		ug/l	2.0	--
4-Chloroaniline	ND		ug/l	5.0	--
2-Nitroaniline	ND		ug/l	5.0	--
3-Nitroaniline	ND		ug/l	5.0	--
4-Nitroaniline	ND		ug/l	5.0	--
Dibenzofuran	ND		ug/l	2.0	--
2-Methylnaphthalene	ND		ug/l	2.0	--
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	--
Acetophenone	ND		ug/l	5.0	--
2,4,6-Trichlorophenol	ND		ug/l	5.0	--
p-Chloro-m-cresol	ND		ug/l	2.0	--
2-Chlorophenol	ND		ug/l	2.0	--
2,4-Dichlorophenol	ND		ug/l	5.0	--
2,4-Dimethylphenol	ND		ug/l	5.0	--
2-Nitrophenol	ND		ug/l	10	--
4-Nitrophenol	ND		ug/l	10	--
2,4-Dinitrophenol	ND		ug/l	20	--
4,6-Dinitro-o-cresol	ND		ug/l	10	--
Pentachlorophenol	ND		ug/l	10	--
Phenol	ND		ug/l	5.0	--
2-Methylphenol	ND		ug/l	5.0	--
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	--
2,4,5-Trichlorophenol	ND		ug/l	5.0	--

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212707
Report Date: 08/17/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/25/12 20:13
Analyst: JC

Extraction Method: EPA 3510C
Extraction Date: 07/18/12 08:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,19-20 Batch: WG549119-1					
Carbazole	ND		ug/l	2.0	--
Atrazine	ND		ug/l	10	--
Benzaldehyde	ND		ug/l	5.0	--
Caprolactam	ND		ug/l	10	--
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	40		21-120
Phenol-d6	27		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	63		15-120
2,4,6-Tribromophenol	65		10-120
4-Terphenyl-d14	84		41-149

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/30/12 14:04
Analyst: RC

Extraction Method: EPA 3540C
Extraction Date: 07/26/12 10:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03-05,07-18,21-23 Batch: WG550955-1					
Acenaphthene	ND		ug/kg	130	--
Hexachlorobenzene	ND		ug/kg	99	--
Bis(2-chloroethyl)ether	ND		ug/kg	160	--
2-Chloronaphthalene	ND		ug/kg	160	--
3,3'-Dichlorobenzidine	ND		ug/kg	160	--
2,4-Dinitrotoluene	ND		ug/kg	160	--
2,6-Dinitrotoluene	ND		ug/kg	160	--
Fluoranthene	ND		ug/kg	99	--
4-Chlorophenyl phenyl ether	ND		ug/kg	160	--
4-Bromophenyl phenyl ether	ND		ug/kg	160	--
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	--
Bis(2-chloroethoxy)methane	ND		ug/kg	160	--
Hexachlorobutadiene	ND		ug/kg	160	--
Hexachlorocyclopentadiene	ND		ug/kg	460	--
Hexachloroethane	ND		ug/kg	130	--
Isophorone	ND		ug/kg	160	--
Naphthalene	ND		ug/kg	160	--
Nitrobenzene	ND		ug/kg	160	--
NDPA/DPA	ND		ug/kg	130	--
n-Nitrosodi-n-propylamine	ND		ug/kg	160	--
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	--
Butyl benzyl phthalate	ND		ug/kg	160	--
Di-n-butylphthalate	ND		ug/kg	160	--
Di-n-octylphthalate	ND		ug/kg	160	--
Diethyl phthalate	ND		ug/kg	160	--
Dimethyl phthalate	ND		ug/kg	160	--
Benzo(a)anthracene	ND		ug/kg	99	--
Benzo(a)pyrene	ND		ug/kg	130	--
Benzo(b)fluoranthene	ND		ug/kg	99	--
Benzo(k)fluoranthene	ND		ug/kg	99	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/30/12 14:04
Analyst: RC

Extraction Method: EPA 3540C
Extraction Date: 07/26/12 10:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03-05,07-18,21-23 Batch: WG550955-1					
Chrysene	ND		ug/kg	99	--
Acenaphthylene	ND		ug/kg	130	--
Anthracene	ND		ug/kg	99	--
Benzo(ghi)perylene	ND		ug/kg	130	--
Fluorene	ND		ug/kg	160	--
Phenanthrene	ND		ug/kg	99	--
Dibenzo(a,h)anthracene	ND		ug/kg	99	--
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	--
Pyrene	ND		ug/kg	99	--
Biphenyl	ND		ug/kg	360	--
4-Chloroaniline	ND		ug/kg	160	--
2-Nitroaniline	ND		ug/kg	160	--
3-Nitroaniline	ND		ug/kg	160	--
4-Nitroaniline	ND		ug/kg	160	--
Dibenzofuran	ND		ug/kg	160	--
2-Methylnaphthalene	ND		ug/kg	200	--
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	--
Acetophenone	ND		ug/kg	160	--
2,4,6-Trichlorophenol	ND		ug/kg	99	--
p-Chloro-m-cresol	ND		ug/kg	160	--
2-Chlorophenol	ND		ug/kg	160	--
2,4-Dichlorophenol	ND		ug/kg	160	--
2,4-Dimethylphenol	ND		ug/kg	160	--
2-Nitrophenol	ND		ug/kg	360	--
4-Nitrophenol	ND		ug/kg	230	--
2,4-Dinitrophenol	ND		ug/kg	790	--
4,6-Dinitro-o-cresol	ND		ug/kg	430	--
Pentachlorophenol	ND		ug/kg	130	--
Phenol	ND		ug/kg	160	--
2-Methylphenol	ND		ug/kg	160	--

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212707
Report Date: 08/17/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/30/12 14:04
Analyst: RC

Extraction Method: EPA 3540C
Extraction Date: 07/26/12 10:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03-05,07-18,21-23 Batch: WG550955-1					
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	--
2,4,5-Trichlorophenol	ND		ug/kg	160	--
Carbazole	ND		ug/kg	160	--
Atrazine	ND		ug/kg	130	--
Benzaldehyde	ND		ug/kg	230	--
Caprolactam	ND		ug/kg	160	--
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	89		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	93		0-136
4-Terphenyl-d14	87		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/30/12 13:17
Analyst: JB

Extraction Method: EPA 3540C
Extraction Date: 07/26/12 11:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 24 Batch: WG550999-1					
Acenaphthene	ND		ug/kg	130	--
Hexachlorobenzene	ND		ug/kg	99	--
Bis(2-chloroethyl)ether	ND		ug/kg	160	--
2-Chloronaphthalene	ND		ug/kg	160	--
3,3'-Dichlorobenzidine	ND		ug/kg	160	--
2,4-Dinitrotoluene	ND		ug/kg	160	--
2,6-Dinitrotoluene	ND		ug/kg	160	--
Fluoranthene	ND		ug/kg	99	--
4-Chlorophenyl phenyl ether	ND		ug/kg	160	--
4-Bromophenyl phenyl ether	ND		ug/kg	160	--
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	--
Bis(2-chloroethoxy)methane	ND		ug/kg	160	--
Hexachlorobutadiene	ND		ug/kg	160	--
Hexachlorocyclopentadiene	ND		ug/kg	460	--
Hexachloroethane	ND		ug/kg	130	--
Isophorone	ND		ug/kg	160	--
Naphthalene	ND		ug/kg	160	--
Nitrobenzene	ND		ug/kg	160	--
NDPA/DPA	ND		ug/kg	130	--
n-Nitrosodi-n-propylamine	ND		ug/kg	160	--
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	--
Butyl benzyl phthalate	ND		ug/kg	160	--
Di-n-butylphthalate	ND		ug/kg	160	--
Di-n-octylphthalate	ND		ug/kg	160	--
Diethyl phthalate	ND		ug/kg	160	--
Dimethyl phthalate	ND		ug/kg	160	--
Benzo(a)anthracene	ND		ug/kg	99	--
Benzo(a)pyrene	ND		ug/kg	130	--
Benzo(b)fluoranthene	ND		ug/kg	99	--
Benzo(k)fluoranthene	ND		ug/kg	99	--
Chrysene	ND		ug/kg	99	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/30/12 13:17
Analyst: JB

Extraction Method: EPA 3540C
Extraction Date: 07/26/12 11:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 24 Batch: WG550999-1					
Acenaphthylene	ND		ug/kg	130	--
Anthracene	ND		ug/kg	99	--
Benzo(ghi)perylene	ND		ug/kg	130	--
Fluorene	ND		ug/kg	160	--
Phenanthrene	ND		ug/kg	99	--
Dibenzo(a,h)anthracene	ND		ug/kg	99	--
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	--
Pyrene	ND		ug/kg	99	--
Biphenyl	ND		ug/kg	360	--
4-Chloroaniline	ND		ug/kg	160	--
2-Nitroaniline	ND		ug/kg	160	--
3-Nitroaniline	ND		ug/kg	160	--
4-Nitroaniline	ND		ug/kg	160	--
Dibenzofuran	ND		ug/kg	160	--
2-Methylnaphthalene	ND		ug/kg	200	--
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	--
Acetophenone	ND		ug/kg	160	--
2,4,6-Trichlorophenol	ND		ug/kg	99	--
p-Chloro-m-cresol	ND		ug/kg	160	--
2-Chlorophenol	ND		ug/kg	160	--
2,4-Dichlorophenol	ND		ug/kg	160	--
2,4-Dimethylphenol	ND		ug/kg	160	--
2-Nitrophenol	ND		ug/kg	360	--
4-Nitrophenol	ND		ug/kg	230	--
2,4-Dinitrophenol	ND		ug/kg	790	--
4,6-Dinitro-o-cresol	ND		ug/kg	430	--
Pentachlorophenol	ND		ug/kg	130	--
Phenol	ND		ug/kg	160	--
2-Methylphenol	ND		ug/kg	160	--
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	--
2,4,5-Trichlorophenol	ND		ug/kg	160	--

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212707
Report Date: 08/17/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/30/12 13:17
Analyst: JB

Extraction Method: EPA 3540C
Extraction Date: 07/26/12 11:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 24 Batch: WG550999-1					
Carbazole	ND		ug/kg	160	--
Atrazine	ND		ug/kg	130	--
Benzaldehyde	ND		ug/kg	230	--
Caprolactam	ND		ug/kg	160	--
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	95		25-120
Phenol-d6	95		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	92		30-120
2,4,6-Tribromophenol	103		0-136
4-Terphenyl-d14	96		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212707

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,19-20 Batch: WG549119-2 WG549119-3								
Acenaphthene	90		80		37-111	12		30
Hexachlorobenzene	102		90		40-140	13		30
Bis(2-chloroethyl)ether	78		72		40-140	8		30
2-Chloronaphthalene	88		78		40-140	12		30
3,3'-Dichlorobenzidine	85		83		40-140	2		30
2,4-Dinitrotoluene	**101**	Q	95		24-96	6		30
2,6-Dinitrotoluene	97		90		40-140	7		30
Fluoranthene	101		91		40-140	10		30
4-Chlorophenyl phenyl ether	99		85		40-140	15		30
4-Bromophenyl phenyl ether	101		95		40-140	6		30
Bis(2-chloroisopropyl)ether	81		73		40-140	10		30
Bis(2-chloroethoxy)methane	85		78		40-140	9		30
Hexachlorobutadiene	76		71		40-140	7		30
Hexachlorocyclopentadiene	48		46		40-140	4		30
Hexachloroethane	67		64		40-140	5		30
Isophorone	89		80		40-140	11		30
Naphthalene	78		71		40-140	9		30
Nitrobenzene	86		79		40-140	8		30
NitrosoDiPhenylAmine(NDPA)/DPA	91		83		40-140	9		30
n-Nitrosodi-n-propylamine	86		77		29-132	11		30
Bis(2-Ethylhexyl)phthalate	105		98		40-140	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212707

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,19-20 Batch: WG549119-2 WG549119-3								
Butyl benzyl phthalate	109		99		40-140	10		30
Di-n-butylphthalate	104		94		40-140	10		30
Di-n-octylphthalate	109		100		40-140	9		30
Diethyl phthalate	102		91		40-140	11		30
Dimethyl phthalate	101		91		40-140	10		30
Benzo(a)anthracene	101		94		40-140	7		30
Benzo(a)pyrene	100		88		40-140	13		30
Benzo(b)fluoranthene	98		88		40-140	11		30
Benzo(k)fluoranthene	106		98		40-140	8		30
Chrysene	95		91		40-140	4		30
Acenaphthylene	86		81		45-123	6		30
Anthracene	94		86		40-140	9		30
Benzo(ghi)perylene	102		91		40-140	11		30
Fluorene	95		83		40-140	13		30
Phenanthrene	94		90		40-140	4		30
Dibenzo(a,h)anthracene	102		93		40-140	9		30
Indeno(1,2,3-cd)Pyrene	102		93		40-140	9		30
Pyrene	100		90		26-127	11		30
Biphenyl	77		69		40-140	11		30
4-Chloroaniline	68		69		40-140	1		30
2-Nitroaniline	101		88		52-143	14		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212707

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,19-20 Batch: WG549119-2 WG549119-3								
3-Nitroaniline	86		76		25-145	12		30
4-Nitroaniline	96		83		51-143	15		30
Dibenzofuran	93		86		40-140	8		30
2-Methylnaphthalene	80		77		40-140	4		30
1,2,4,5-Tetrachlorobenzene	74		70		2-134	6		30
Acetophenone	78		72		39-129	8		30
2,4,6-Trichlorophenol	95		88		30-130	8		30
P-Chloro-M-Cresol	94		90		23-97	4		30
2-Chlorophenol	85		76		27-123	11		30
2,4-Dichlorophenol	88		85		30-130	3		30
2,4-Dimethylphenol	49		65		30-130	28		30
2-Nitrophenol	81		81		30-130	0		30
4-Nitrophenol	67		56		10-80	18		30
2,4-Dinitrophenol	98		91		20-130	7		30
4,6-Dinitro-o-cresol	100		88		20-164	13		30
Pentachlorophenol	96		85		9-103	12		30
Phenol	45		40		12-110	12		30
2-Methylphenol	74		71		30-130	4		30
3-Methylphenol/4-Methylphenol	77		69		30-130	11		30
2,4,5-Trichlorophenol	99		91		30-130	8		30
Carbazole	98		92		55-144	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212707

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,19-20 Batch: WG549119-2 WG549119-3								
Atrazine	98		87		40-140	12		30
Benzaldehyde	85		77		40-140	10		30
Caprolactam	29		22		10-130	27		30
2,3,4,6-Tetrachlorophenol	95		89		40-140	7		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	67		56		21-120
Phenol-d6	46		40		10-120
Nitrobenzene-d5	93		82		23-120
2-Fluorobiphenyl	92		79		15-120
2,4,6-Tribromophenol	110		100		10-120
4-Terphenyl-d14	102		90		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212707

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-05,07-18,21-23 Batch: WG550955-2 WG550955-3								
Acenaphthene	80		77		31-137	4		50
Hexachlorobenzene	73		72		40-140	1		50
Bis(2-chloroethyl)ether	77		72		40-140	7		50
2-Chloronaphthalene	79		76		40-140	4		50
3,3'-Dichlorobenzidine	72		70		40-140	3		50
2,4-Dinitrotoluene	88		87		28-89	1		50
2,6-Dinitrotoluene	84		81		40-140	4		50
Fluoranthene	84		80		40-140	5		50
4-Chlorophenyl phenyl ether	75		73		40-140	3		50
4-Bromophenyl phenyl ether	75		70		40-140	7		50
Bis(2-chloroisopropyl)ether	102		95		40-140	7		50
Bis(2-chloroethoxy)methane	75		72		40-117	4		50
Hexachlorobutadiene	84		78		40-140	7		50
Hexachlorocyclopentadiene	54		51		40-140	6		50
Hexachloroethane	89		83		40-140	7		50
Isophorone	75		73		40-140	3		50
Naphthalene	78		72		40-140	8		50
Nitrobenzene	87		81		40-140	7		50
NitrosoDiPhenylAmine(NDPA)/DPA	80		76		36-157	5		50
n-Nitrosodi-n-propylamine	94		89		32-121	5		50
Bis(2-Ethylhexyl)phthalate	109		104		40-140	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212707

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-05,07-18,21-23 Batch: WG550955-2 WG550955-3								
Butyl benzyl phthalate	99		95		40-140	4		50
Di-n-butylphthalate	103		98		40-140	5		50
Di-n-octylphthalate	114		111		40-140	3		50
Diethyl phthalate	91		87		40-140	4		50
Dimethyl phthalate	85		81		40-140	5		50
Benzo(a)anthracene	84		81		40-140	4		50
Benzo(a)pyrene	82		75		40-140	9		50
Benzo(b)fluoranthene	83		79		40-140	5		50
Benzo(k)fluoranthene	92		82		40-140	11		50
Chrysene	81		78		40-140	4		50
Acenaphthylene	78		75		40-140	4		50
Anthracene	88		83		40-140	6		50
Benzo(ghi)perylene	84		68		40-140	21		50
Fluorene	82		78		40-140	5		50
Phenanthrene	87		83		40-140	5		50
Dibenzo(a,h)anthracene	85		76		40-140	11		50
Indeno(1,2,3-cd)Pyrene	90		73		40-140	21		50
Pyrene	83		80		35-142	4		50
Biphenyl	82		78		54-104	5		50
4-Chloroaniline	84		68		40-140	21		50
2-Nitroaniline	85		85		47-134	0		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212707

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-05,07-18,21-23 Batch: WG550955-2 WG550955-3								
3-Nitroaniline	65		64		26-129	2		50
4-Nitroaniline	76		74		41-125	3		50
Dibenzofuran	80		77		40-140	4		50
2-Methylnaphthalene	78		75		40-140	4		50
1,2,4,5-Tetrachlorobenzene	80		75		40-117	6		50
Acetophenone	81		76		14-144	6		50
2,4,6-Trichlorophenol	89		84		30-130	6		50
P-Chloro-M-Cresol	93		90		26-103	3		50
2-Chlorophenol	83		78		25-102	6		50
2,4-Dichlorophenol	88		83		30-130	6		50
2,4-Dimethylphenol	88		82		30-130	7		50
2-Nitrophenol	81		77		30-130	5		50
4-Nitrophenol	100		96		11-114	4		50
2,4-Dinitrophenol	81		80		4-130	1		50
4,6-Dinitro-o-cresol	73		67		10-130	9		50
Pentachlorophenol	74		73		17-109	1		50
Phenol	70		69		26-90	1		50
2-Methylphenol	78		76		30-130.	3		50
3-Methylphenol/4-Methylphenol	80		78		30-130	3		50
2,4,5-Trichlorophenol	85		84		30-130	1		50
Carbazole	86		84		54-128	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212707

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-05,07-18,21-23 Batch: WG550955-2 WG550955-3								
Atrazine	109		108		40-140	1		50
Benzaldehyde	96		91		40-140	5		50
Caprolactam	102		100		15-130	2		50
2,3,4,6-Tetrachlorophenol	87		87		40-140	0		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	86		84		25-120
Phenol-d6	80		79		10-120
Nitrobenzene-d5	85		83		23-120
2-Fluorobiphenyl	77		73		30-120
2,4,6-Tribromophenol	99		96		0-136
4-Terphenyl-d14	84		80		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212707

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 24 Batch: WG550999-2 WG550999-3								
Acenaphthene	82		84		31-137	2		50
Hexachlorobenzene	88		88		40-140	0		50
Bis(2-chloroethyl)ether	80		85		40-140	6		50
2-Chloronaphthalene	83		86		40-140	4		50
3,3'-Dichlorobenzidine	74		76		40-140	3		50
2,4-Dinitrotoluene	**93**	Q	**94**	Q	28-89	1		50
2,6-Dinitrotoluene	93		96		40-140	3		50
Fluoranthene	94		95		40-140	1		50
4-Chlorophenyl phenyl ether	85		89		40-140	5		50
4-Bromophenyl phenyl ether	96		93		40-140	3		50
Bis(2-chloroisopropyl)ether	79		89		40-140	12		50
Bis(2-chloroethoxy)methane	78		86		40-117	10		50
Hexachlorobutadiene	81		84		40-140	4		50
Hexachlorocyclopentadiene	52		58		40-140	11		50
Hexachloroethane	74		80		40-140	8		50
Isophorone	78		83		40-140	6		50
Naphthalene	76		81		40-140	6		50
Nitrobenzene	78		82		40-140	5		50
NitrosoDiPhenylAmine(NDPA)/DPA	92		94		36-157	2		50
n-Nitrosodi-n-propylamine	77		90		32-121	16		50
Bis(2-Ethylhexyl)phthalate	91		92		40-140	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212707

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 24 Batch: WG550999-2 WG550999-3								
Butyl benzyl phthalate	95		98		40-140	3		50
Di-n-butylphthalate	91		94		40-140	3		50
Di-n-octylphthalate	92		94		40-140	2		50
Diethyl phthalate	89		92		40-140	3		50
Dimethyl phthalate	87		91		40-140	4		50
Benzo(a)anthracene	88		89		40-140	1		50
Benzo(a)pyrene	88		92		40-140	4		50
Benzo(b)fluoranthene	88		94		40-140	7		50
Benzo(k)fluoranthene	93		93		40-140	0		50
Chrysene	90		92		40-140	2		50
Acenaphthylene	84		88		40-140	5		50
Anthracene	89		90		40-140	1		50
Benzo(ghi)perylene	93		96		40-140	3		50
Fluorene	82		83		40-140	1		50
Phenanthrene	87		90		40-140	3		50
Dibenzo(a,h)anthracene	93		95		40-140	2		50
Indeno(1,2,3-cd)Pyrene	94		95		40-140	1		50
Pyrene	90		93		35-142	3		50
Biphenyl	76		77		54-104	1		50
4-Chloroaniline	71		77		40-140	8		50
2-Nitroaniline	93		95		47-134	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212707

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 24 Batch: WG550999-2 WG550999-3								
3-Nitroaniline	70		74		26-129	6		50
4-Nitroaniline	89		87		41-125	2		50
Dibenzofuran	88		86		40-140	2		50
2-Methylnaphthalene	78		83		40-140	6		50
1,2,4,5-Tetrachlorobenzene	72		74		40-117	3		50
Acetophenone	74		79		14-144	7		50
2,4,6-Trichlorophenol	94		104		30-130	10		50
P-Chloro-M-Cresol	90		94		26-103	4		50
2-Chlorophenol	88		91		25-102	3		50
2,4-Dichlorophenol	90		98		30-130	9		50
2,4-Dimethylphenol	86		95		30-130	10		50
2-Nitrophenol	81		92		30-130	13		50
4-Nitrophenol	102		**120**	Q	11-114	16		50
2,4-Dinitrophenol	90		97		4-130	7		50
4,6-Dinitro-o-cresol	92		101		10-130	9		50
Pentachlorophenol	76		71		17-109	7		50
Phenol	80		90		26-90	12		50
2-Methylphenol	82		86		30-130.	5		50
3-Methylphenol/4-Methylphenol	82		91		30-130	10		50
2,4,5-Trichlorophenol	91		89		30-130	2		50
Carbazole	92		94		54-128	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212707

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 24 Batch: WG550999-2 WG550999-3								
Atrazine	86		91		40-140	6		50
Benzaldehyde	84		90		40-140	7		50
Caprolactam	82		88		15-130	7		50
2,3,4,6-Tetrachlorophenol	91		95		40-140	4		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	99		105		25-120
Phenol-d6	105		111		10-120
Nitrobenzene-d5	90		92		23-120
2-Fluorobiphenyl	94		95		30-120
2,4,6-Tribromophenol	102		103		0-136
4-Terphenyl-d14	104		101		18-120

PCBS

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-01	Date Collected:	07/16/12 17:15
Client ID:	EB-071612-02	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8082	Extraction Date:	07/18/12 12:41
Analytical Date:	07/19/12 15:04	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/18/12
		Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/18/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/l	0.250	--	1
Aroclor 1221	ND		ug/l	0.250	--	1
Aroclor 1232	ND		ug/l	0.250	--	1
Aroclor 1242	ND		ug/l	0.250	--	1
Aroclor 1248	ND		ug/l	0.250	--	1
Aroclor 1254	ND		ug/l	0.250	--	1
Aroclor 1260	ND		ug/l	0.250	--	1
Aroclor 1262	ND		ug/l	0.250	--	1
Aroclor 1268	ND		ug/l	0.250	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	84		30-150
Decachlorobiphenyl	44		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-03	Date Collected:	07/16/12 16:50
Client ID:	S-12L-B009-0.5-1.0	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/27/12 15:49
Analytical Date:	07/31/12 09:09	Cleanup Method1:	EPA 3665A
Analyst:	SS	Cleanup Date1:	07/28/12
Percent Solids:	30%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/28/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	62.9	--	1
Aroclor 1221	ND		ug/kg	62.9	--	1
Aroclor 1232	ND		ug/kg	62.9	--	1
Aroclor 1248	ND		ug/kg	41.9	--	1
Aroclor 1254	ND		ug/kg	62.9	--	1
Aroclor 1260	ND		ug/kg	41.9	--	1
Aroclor 1262	ND		ug/kg	21.0	--	1
Aroclor 1268	ND		ug/kg	21.0	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	35		30-150
Decachlorobiphenyl	33		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-03	Date Collected:	07/16/12 16:50
Client ID:	S-12L-B009-0.5-1.0	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/27/12 15:49
Analytical Date:	07/31/12 09:09	Cleanup Method1:	EPA 3665A
Analyst:	SS	Cleanup Date1:	07/28/12
Percent Solids:	30%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/28/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	1050		ug/kg	62.9	--	1

2,4,5,6-Tetrachloro-m-xylene	35	30-150
Decachlorobiphenyl	33	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-04	Date Collected:	07/16/12 16:50
Client ID:	S-12L-B009-1.5-2.0	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/27/12 15:49
Analytical Date:	07/30/12 03:49	Cleanup Method1:	EPA 3665A
Analyst:	SS	Cleanup Date1:	07/28/12
Percent Solids:	79%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/28/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	25.1	--	1
Aroclor 1221	ND		ug/kg	25.1	--	1
Aroclor 1232	ND		ug/kg	25.1	--	1
Aroclor 1242	ND		ug/kg	25.1	--	1
Aroclor 1248	ND		ug/kg	16.7	--	1
Aroclor 1254	ND		ug/kg	25.1	--	1
Aroclor 1260	ND		ug/kg	16.7	--	1
Aroclor 1262	ND		ug/kg	8.36	--	1
Aroclor 1268	ND		ug/kg	8.36	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	53		30-150
Decachlorobiphenyl	50		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-05	Date Collected:	07/16/12 16:50
Client ID:	S-12L-B009-1.5-2.0REP	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 00:51
Analytical Date:	07/26/12 21:59	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	81%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	23.9	--	1
Aroclor 1221	ND		ug/kg	23.9	--	1
Aroclor 1232	ND		ug/kg	23.9	--	1
Aroclor 1242	ND		ug/kg	23.9	--	1
Aroclor 1248	ND		ug/kg	15.9	--	1
Aroclor 1254	ND		ug/kg	23.9	--	1
Aroclor 1260	ND		ug/kg	15.9	--	1
Aroclor 1262	ND		ug/kg	7.96	--	1
Aroclor 1268	ND		ug/kg	7.96	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	64		30-150
Decachlorobiphenyl	65		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-07	Date Collected:	07/16/12 17:10
Client ID:	S-12L-B009-5.5-6.0	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 00:51
Analytical Date:	07/26/12 22:13	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	90%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	21.8	--	1
Aroclor 1221	ND		ug/kg	21.8	--	1
Aroclor 1232	ND		ug/kg	21.8	--	1
Aroclor 1242	ND		ug/kg	21.8	--	1
Aroclor 1248	ND		ug/kg	14.5	--	1
Aroclor 1254	ND		ug/kg	21.8	--	1
Aroclor 1260	ND		ug/kg	14.5	--	1
Aroclor 1262	ND		ug/kg	7.25	--	1
Aroclor 1268	ND		ug/kg	7.25	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	64		30-150
Decachlorobiphenyl	67		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-08	Date Collected:	07/16/12 17:30
Client ID:	S-12L-B009-9.2-9.7	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 00:51
Analytical Date:	07/26/12 22:26	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	90%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	21.5	--	1
Aroclor 1221	ND		ug/kg	21.5	--	1
Aroclor 1232	ND		ug/kg	21.5	--	1
Aroclor 1248	ND		ug/kg	14.3	--	1
Aroclor 1254	ND		ug/kg	21.5	--	1
Aroclor 1260	ND		ug/kg	14.3	--	1
Aroclor 1262	ND		ug/kg	7.17	--	1
Aroclor 1268	ND		ug/kg	7.17	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	74		30-150
Decachlorobiphenyl	73		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-08	Date Collected:	07/16/12 17:30
Client ID:	S-12L-B009-9.2-9.7	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 00:51
Analytical Date:	07/26/12 22:26	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	90%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	48.6		ug/kg	21.5	--	1

2,4,5,6-Tetrachloro-m-xylene	74	30-150
Decachlorobiphenyl	73	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-09	Date Collected:	07/16/12 17:30
Client ID:	S-12L-B009-10.3-10.8	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 00:51
Analytical Date:	07/26/12 22:40	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	91%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	21.8	--	1
Aroclor 1221	ND		ug/kg	21.8	--	1
Aroclor 1232	ND		ug/kg	21.8	--	1
Aroclor 1248	ND		ug/kg	14.5	--	1
Aroclor 1254	ND		ug/kg	21.8	--	1
Aroclor 1260	ND		ug/kg	14.5	--	1
Aroclor 1262	ND		ug/kg	7.25	--	1
Aroclor 1268	ND		ug/kg	7.25	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	70		30-150
Decachlorobiphenyl	67		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-09	Date Collected:	07/16/12 17:30
Client ID:	S-12L-B009-10.3-10.8	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 00:51
Analytical Date:	07/26/12 22:40	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	91%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	ND		ug/kg	21.8	--	1

2,4,5,6-Tetrachloro-m-xylene	70	30-150
Decachlorobiphenyl	67	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-10	Date Collected:	07/16/12 17:45
Client ID:	S-12L-B009-15.0-15.5	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 00:51
Analytical Date:	07/26/12 22:54	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	91%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	21.3	--	1
Aroclor 1221	ND		ug/kg	21.3	--	1
Aroclor 1232	ND		ug/kg	21.3	--	1
Aroclor 1248	ND		ug/kg	14.2	--	1
Aroclor 1262	ND		ug/kg	7.10	--	1
Aroclor 1268	ND		ug/kg	7.10	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	58		30-150
Decachlorobiphenyl	61		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-10	Date Collected:	07/16/12 17:45
Client ID:	S-12L-B009-15.0-15.5	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 00:51
Analytical Date:	07/26/12 22:54	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	91%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	28.6		ug/kg	21.3	--	1
Aroclor 1254	ND		ug/kg	21.3	--	1
Aroclor 1260	ND		ug/kg	14.2	--	1

2,4,5,6-Tetrachloro-m-xylene	58	30-150
Decachlorobiphenyl	61	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-11	Date Collected:	07/16/12 18:10
Client ID:	S-12L-B009-19.0-19.5	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 00:51
Analytical Date:	07/26/12 23:07	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	92%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	20.5	--	1
Aroclor 1221	ND		ug/kg	20.5	--	1
Aroclor 1232	ND		ug/kg	20.5	--	1
Aroclor 1248	ND		ug/kg	13.6	--	1
Aroclor 1254	ND		ug/kg	20.5	--	1
Aroclor 1262	ND		ug/kg	6.83	--	1
Aroclor 1268	ND		ug/kg	6.83	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	66		30-150
Decachlorobiphenyl	67		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-11	Date Collected:	07/16/12 18:10
Client ID:	S-12L-B009-19.0-19.5	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 00:51
Analytical Date:	07/26/12 23:07	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	92%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	31.5		ug/kg	20.5	--	1
Aroclor 1260	25.7		ug/kg	13.6	--	1

2,4,5,6-Tetrachloro-m-xylene	66	30-150
Decachlorobiphenyl	67	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-12	Date Collected:	07/16/12 18:10
Client ID:	S-12L-B009-21.5-22.0	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 00:51
Analytical Date:	07/26/12 23:21	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	89%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	21.5	--	1
Aroclor 1221	ND		ug/kg	21.5	--	1
Aroclor 1232	ND		ug/kg	21.5	--	1
Aroclor 1248	ND		ug/kg	14.3	--	1
Aroclor 1254	ND		ug/kg	21.5	--	1
Aroclor 1262	ND		ug/kg	7.16	--	1
Aroclor 1268	ND		ug/kg	7.16	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	70		30-150
Decachlorobiphenyl	71		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-12	Date Collected:	07/16/12 18:10
Client ID:	S-12L-B009-21.5-22.0	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 00:51
Analytical Date:	07/26/12 23:21	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	89%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	28.9		ug/kg	21.5	--	1
Aroclor 1260	44.6		ug/kg	14.3	--	1

2,4,5,6-Tetrachloro-m-xylene	70	30-150
Decachlorobiphenyl	71	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-13 D	Date Collected:	07/17/12 08:15
Client ID:	S-12L-B008-0.5-1.0	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 00:51
Analytical Date:	07/31/12 12:07	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	51%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	150000	--	4000
Aroclor 1221	ND		ug/kg	150000	--	4000
Aroclor 1232	ND		ug/kg	150000	--	4000
Aroclor 1248	ND		ug/kg	99700	--	4000
Aroclor 1254	ND		ug/kg	150000	--	4000
Aroclor 1260	ND		ug/kg	99700	--	4000
Aroclor 1262	ND		ug/kg	49900	--	4000
Aroclor 1268	ND		ug/kg	49900	--	4000

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150
Decachlorobiphenyl	**0**	Q	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-13 D	Date Collected:	07/17/12 08:15
Client ID:	S-12L-B008-0.5-1.0	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 00:51
Analytical Date:	07/31/12 12:07	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	51%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	3280000		ug/kg	150000	--	4000

2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150
Decachlorobiphenyl	**0**	Q	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-14 D	Date Collected:	07/17/12 08:15
Client ID:	S-12L-B008-0.5-1.0REP	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 00:55
Analytical Date:	07/31/12 12:21	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	51%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	373000	--	10000
Aroclor 1221	ND		ug/kg	373000	--	10000
Aroclor 1232	ND		ug/kg	373000	--	10000
Aroclor 1242	4800000		ug/kg	373000	--	10000
Aroclor 1248	ND		ug/kg	249000	--	10000
Aroclor 1254	ND		ug/kg	373000	--	10000
Aroclor 1260	ND		ug/kg	249000	--	10000
Aroclor 1262	ND		ug/kg	124000	--	10000
Aroclor 1268	ND		ug/kg	124000	--	10000

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150
Decachlorobiphenyl	**0**	Q	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-15 D	Date Collected:	07/17/12 08:15
Client ID:	S-12L-B008-1.5-2.0	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 00:55
Analytical Date:	07/31/12 12:34	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	52%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	147000	--	4000
Aroclor 1221	ND		ug/kg	147000	--	4000
Aroclor 1232	ND		ug/kg	147000	--	4000
Aroclor 1248	ND		ug/kg	97900	--	4000
Aroclor 1254	ND		ug/kg	147000	--	4000
Aroclor 1260	ND		ug/kg	97900	--	4000
Aroclor 1262	ND		ug/kg	48900	--	4000
Aroclor 1268	ND		ug/kg	48900	--	4000

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150
Decachlorobiphenyl	**0**	Q	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-15 D	Date Collected:	07/17/12 08:15
Client ID:	S-12L-B008-1.5-2.0	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 00:55
Analytical Date:	07/31/12 12:34	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	52%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	2570000		ug/kg	147000	--	4000

2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150
Decachlorobiphenyl	**0**	Q	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-16 D	Date Collected:	07/17/12 08:15
Client ID:	S-12L-B008-3.0-3.5	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 00:55
Analytical Date:	07/30/12 17:12	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	54%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	3640	--	100
Aroclor 1221	ND		ug/kg	3640	--	100
Aroclor 1232	ND		ug/kg	3640	--	100
Aroclor 1248	ND		ug/kg	2420	--	100
Aroclor 1260	ND		ug/kg	2420	--	100
Aroclor 1262	ND		ug/kg	1210	--	100
Aroclor 1268	ND		ug/kg	1210	--	100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150
Decachlorobiphenyl	**0**	Q	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-16 D	Date Collected:	07/17/12 08:15
Client ID:	S-12L-B008-3.0-3.5	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 00:55
Analytical Date:	07/30/12 17:12	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	54%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	107000		ug/kg	3640	--	100
Aroclor 1254	17800		ug/kg	3640	--	100

2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150
Decachlorobiphenyl	**0**	Q	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-17 D	Date Collected:	07/17/12 08:30
Client ID:	S-12L-B008-6.0-6.5	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/27/12 15:49
Analytical Date:	07/31/12 12:37	Cleanup Method1:	EPA 3665A
Analyst:	SS	Cleanup Date1:	07/28/12
Percent Solids:	50%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/28/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	158000	--	4000
Aroclor 1221	ND		ug/kg	158000	--	4000
Aroclor 1232	ND		ug/kg	158000	--	4000
Aroclor 1248	ND		ug/kg	106000	--	4000
Aroclor 1254	ND		ug/kg	158000	--	4000
Aroclor 1260	ND		ug/kg	106000	--	4000
Aroclor 1262	ND		ug/kg	52800	--	4000
Aroclor 1268	ND		ug/kg	52800	--	4000

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150
Decachlorobiphenyl	**0**	Q	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-17 D	Date Collected:	07/17/12 08:30
Client ID:	S-12L-B008-6.0-6.5	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/27/12 15:49
Analytical Date:	07/31/12 12:37	Cleanup Method1:	EPA 3665A
Analyst:	SS	Cleanup Date1:	07/28/12
Percent Solids:	50%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/28/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	3790000		ug/kg	158000	--	4000

2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150
Decachlorobiphenyl	**0**	Q	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-18 D	Date Collected:	07/17/12 08:30
Client ID:	S-12L-B008-7.5-8.0	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 00:55
Analytical Date:	07/31/12 12:48	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	47%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	8280	--	200
Aroclor 1221	ND		ug/kg	8280	--	200
Aroclor 1232	ND		ug/kg	8280	--	200
Aroclor 1248	ND		ug/kg	5520	--	200
Aroclor 1254	ND		ug/kg	8280	--	200
Aroclor 1260	ND		ug/kg	5520	--	200
Aroclor 1262	ND		ug/kg	2760	--	200
Aroclor 1268	ND		ug/kg	2760	--	200

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150
Decachlorobiphenyl	**0**	Q	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-18 D	Date Collected:	07/17/12 08:30
Client ID:	S-12L-B008-7.5-8.0	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 00:55
Analytical Date:	07/31/12 12:48	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	47%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	188000		ug/kg	8280	--	200

2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150
Decachlorobiphenyl	**0**	Q	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-19	Date Collected:	07/17/12 09:00
Client ID:	EB-071712-01	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8082	Extraction Date:	07/18/12 12:41
Analytical Date:	07/19/12 15:17	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/18/12
		Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/18/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/l	0.250	--	1
Aroclor 1221	ND		ug/l	0.250	--	1
Aroclor 1232	ND		ug/l	0.250	--	1
Aroclor 1242	ND		ug/l	0.250	--	1
Aroclor 1248	ND		ug/l	0.250	--	1
Aroclor 1254	ND		ug/l	0.250	--	1
Aroclor 1260	ND		ug/l	0.250	--	1
Aroclor 1262	ND		ug/l	0.250	--	1
Aroclor 1268	ND		ug/l	0.250	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	92		30-150
Decachlorobiphenyl	57		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-20	Date Collected:	07/17/12 11:15
Client ID:	EB-071712-02	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8082	Extraction Date:	07/18/12 12:41
Analytical Date:	07/19/12 15:31	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/18/12
		Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/18/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/l	0.250	--	1
Aroclor 1221	ND		ug/l	0.250	--	1
Aroclor 1232	ND		ug/l	0.250	--	1
Aroclor 1242	ND		ug/l	0.250	--	1
Aroclor 1248	ND		ug/l	0.250	--	1
Aroclor 1254	ND		ug/l	0.250	--	1
Aroclor 1260	ND		ug/l	0.250	--	1
Aroclor 1262	ND		ug/l	0.250	--	1
Aroclor 1268	ND		ug/l	0.250	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	93		30-150
Decachlorobiphenyl	48		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-21 D	Date Collected:	07/17/12 08:55
Client ID:	S-12L-B008-11.0-11.5	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 00:56
Analytical Date:	07/31/12 13:02	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	89%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	21200	--	1000
Aroclor 1221	ND		ug/kg	21200	--	1000
Aroclor 1232	ND		ug/kg	21200	--	1000
Aroclor 1248	ND		ug/kg	14100	--	1000
Aroclor 1254	ND		ug/kg	21200	--	1000
Aroclor 1260	ND		ug/kg	14100	--	1000
Aroclor 1262	ND		ug/kg	7060	--	1000
Aroclor 1268	ND		ug/kg	7060	--	1000

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150
Decachlorobiphenyl	**0**	Q	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-21 D	Date Collected:	07/17/12 08:55
Client ID:	S-12L-B008-11.0-11.5	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 00:56
Analytical Date:	07/31/12 13:02	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	89%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	276000		ug/kg	21200	--	1000

2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150
Decachlorobiphenyl	**0**	Q	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-22 D	Date Collected:	07/17/12 09:25
Client ID:	S-12L-B008-16.5-17.0	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 00:56
Analytical Date:	07/31/12 13:15	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	92%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	10300	--	500
Aroclor 1221	ND		ug/kg	10300	--	500
Aroclor 1232	ND		ug/kg	10300	--	500
Aroclor 1248	ND		ug/kg	6890	--	500
Aroclor 1254	ND		ug/kg	10300	--	500
Aroclor 1260	ND		ug/kg	6890	--	500
Aroclor 1262	ND		ug/kg	3450	--	500
Aroclor 1268	ND		ug/kg	3450	--	500

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150
Decachlorobiphenyl	**0**	Q	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-22 D	Date Collected:	07/17/12 09:25
Client ID:	S-12L-B008-16.5-17.0	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 00:56
Analytical Date:	07/31/12 13:15	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	92%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	190000		ug/kg	10300	--	500

2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150
Decachlorobiphenyl	**0**	Q	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-23	Date Collected:	07/17/12 09:55
Client ID:	S-12L-B008-21.0-21.5	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 00:56
Analytical Date:	07/27/12 02:32	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	92%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	21.0	--	1
Aroclor 1221	ND		ug/kg	21.0	--	1
Aroclor 1232	ND		ug/kg	21.0	--	1
Aroclor 1242	192		ug/kg	21.0	--	1
Aroclor 1248	ND		ug/kg	14.0	--	1
Aroclor 1262	ND		ug/kg	7.02	--	1
Aroclor 1268	ND		ug/kg	7.02	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	35		30-150
Decachlorobiphenyl	32		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-23	Date Collected:	07/17/12 09:55
Client ID:	S-12L-B008-21.0-21.5	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 00:56
Analytical Date:	07/27/12 02:32	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	92%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1254	59.0		ug/kg	21.0	--	1
Aroclor 1260	23.9		ug/kg	14.0	--	1

2,4,5,6-Tetrachloro-m-xylene	35	30-150
Decachlorobiphenyl	32	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-24	Date Collected:	07/17/12 09:55
Client ID:	S-12L-B008-22.2-22.7	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 00:56
Analytical Date:	07/27/12 02:45	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	92%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	21.4	--	1
Aroclor 1221	ND		ug/kg	21.4	--	1
Aroclor 1232	ND		ug/kg	21.4	--	1
Aroclor 1248	ND		ug/kg	14.2	--	1
Aroclor 1262	ND		ug/kg	7.12	--	1
Aroclor 1268	ND		ug/kg	7.12	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	37		30-150
Decachlorobiphenyl	36		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212707-24	Date Collected:	07/17/12 09:55
Client ID:	S-12L-B008-22.2-22.7	Date Received:	07/17/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 00:56
Analytical Date:	07/27/12 02:45	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	92%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	140		ug/kg	21.4	--	1
Aroclor 1254	34.2		ug/kg	21.4	--	1
Aroclor 1260	28.2		ug/kg	14.2	--	1

2,4,5,6-Tetrachloro-m-xylene	37	30-150
Decachlorobiphenyl	36	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082
Analytical Date: 07/19/12 15:44
Analyst: KB

Extraction Method: EPA 3510C
Extraction Date: 07/18/12 12:41
Cleanup Method1: EPA 3665A
Cleanup Date1: 07/18/12
Cleanup Method2: EPA 3660B
Cleanup Date2: 07/18/12

Parameter	Result	Qualifier	Units	RL	MDL
PCB by GC - Westborough Lab for sample(s): 01,19-20 Batch: WG549230-1					
Aroclor 1016	ND		ug/l	0.250	--
Aroclor 1221	ND		ug/l	0.250	--
Aroclor 1232	ND		ug/l	0.250	--
Aroclor 1242	ND		ug/l	0.250	--
Aroclor 1248	ND		ug/l	0.250	--
Aroclor 1254	ND		ug/l	0.250	--
Aroclor 1260	ND		ug/l	0.250	--
Aroclor 1262	ND		ug/l	0.250	--
Aroclor 1268	ND		ug/l	0.250	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	89		30-150
Decachlorobiphenyl	95		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082
Analytical Date: 07/30/12 14:36
Analyst: KB

Extraction Method: EPA 3546
Extraction Date: 07/26/12 00:51
Cleanup Method1: EPA 3665A
Cleanup Date1: 07/26/12
Cleanup Method2: EPA 3660B
Cleanup Date2: 07/26/12

Parameter	Result	Qualifier	Units	RL	MDL
PCB by GC - Westborough Lab for sample(s): 05,07-16,18,21-24 Batch: WG550915-1					
Aroclor 1016	ND		ug/kg	19.4	--
Aroclor 1221	ND		ug/kg	19.4	--
Aroclor 1232	ND		ug/kg	19.4	--
Aroclor 1248	ND		ug/kg	12.9	--
Aroclor 1254	ND		ug/kg	19.4	--
Aroclor 1260	ND		ug/kg	12.9	--
Aroclor 1262	ND		ug/kg	6.47	--
Aroclor 1268	ND		ug/kg	6.47	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	88		30-150
Decachlorobiphenyl	72		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082
Analytical Date: 07/30/12 14:36
Analyst: KB

Extraction Method: EPA 3546
Extraction Date: 07/26/12 00:51
Cleanup Method1: EPA 3665A
Cleanup Date1: 07/26/12
Cleanup Method2: EPA 3660B
Cleanup Date2: 07/26/12

Parameter	Result	Qualifier	Units	RL	MDL
PCB by GC - Westborough Lab for sample(s): 05,07-16,18,21-24 Batch: WG550915-1					
Aroclor 1242	ND		ug/kg	19.4	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	88		30-150
Decachlorobiphenyl	72		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212707

Project Number: TO-0010-05 **Report Date:** 08/17/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082
Analytical Date: 07/30/12 06:28
Analyst: SS

Extraction Method: EPA 3546
Extraction Date: 07/27/12 15:49
Cleanup Method1: EPA 3665A
Cleanup Date1: 07/28/12
Cleanup Method2: EPA 3660B
Cleanup Date2: 07/28/12

Parameter	Result	Qualifier	Units	RL	MDL
PCB by GC - Westborough Lab for sample(s): 03-04,17 Batch: WG551388-1					
Aroclor 1016	ND		ug/kg	19.3	--
Aroclor 1221	ND		ug/kg	19.3	--
Aroclor 1232	ND		ug/kg	19.3	--
Aroclor 1242	ND		ug/kg	19.3	--
Aroclor 1248	ND		ug/kg	12.9	--
Aroclor 1254	ND		ug/kg	19.3	--
Aroclor 1260	ND		ug/kg	12.9	--
Aroclor 1262	ND		ug/kg	6.44	--
Aroclor 1268	ND		ug/kg	6.44	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	84		30-150
Decachlorobiphenyl	80		30-150

Matrix Spike Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212707

Report Date: 08/17/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
PCB by GC - Westborough Lab Associated sample(s): 03-04,17 QC Batch ID: WG551388-4 WG551388-5 QC Sample: L1212869-03 Client ID: MS Sample												
Aroclor 1016	ND	213	161	76		194	90		40-140	19		50
Aroclor 1260	ND	213	104	49		112	52		40-140	7		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	58		61		30-150
Decachlorobiphenyl	59		61		30-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212707

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
PCB by GC - Westborough Lab Associated sample(s): 01,19-20 Batch: WG549230-2 WG549230-3								
Aroclor 1016	89		91		40-140	2		50
Aroclor 1260	93		96		40-140	3		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	97		98		30-150
Decachlorobiphenyl	104		106		30-150

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
PCB by GC - Westborough Lab Associated sample(s): 05,07-16,18,21-24 Batch: WG550915-2 WG550915-3								
Aroclor 1016	90		78		40-140	14		50
Aroclor 1260	75		69		40-140	8		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	81		74		30-150
Decachlorobiphenyl	83		75		30-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212707

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
PCB by GC - Westborough Lab Associated sample(s): 03-04,17 Batch: WG551388-2 WG551388-3								
Aroclor 1016	56		62		40-140	10		50
Aroclor 1260	52		52		40-140	0		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	69		65		30-150
Decachlorobiphenyl	65		62		30-150

INORGANICS
&
MISCELLANEOUS

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212707
Report Date: 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-03
Client ID: S-12L-B009-0.5-1.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/16/12 16:50
Date Received: 07/17/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	30		%	0.10	NA	1	-	07/18/12 22:30	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212707
Report Date: 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-04
Client ID: S-12L-B009-1.5-2.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/16/12 16:50
Date Received: 07/17/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79		%	0.10	NA	1	-	07/18/12 22:30	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212707
Report Date: 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-05
Client ID: S-12L-B009-1.5-2.0REP
Sample Location: NEW BEDFORD, MA
Matrix: Sediment
Date Collected: 07/16/12 16:50
Date Received: 07/17/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81		%	0.10	NA	1	-	07/18/12 22:30	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212707
Report Date: 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-07
Client ID: S-12L-B009-5.5-6.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/16/12 17:10
Date Received: 07/17/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90		%	0.10	NA	1	-	07/18/12 22:30	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212707
Report Date: 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-08
Client ID: S-12L-B009-9.2-9.7
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/16/12 17:30
Date Received: 07/17/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90		%	0.10	NA	1	-	07/18/12 22:30	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212707
Report Date: 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-09
Client ID: S-12L-B009-10.3-10.8
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/16/12 17:30
Date Received: 07/17/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91		%	0.10	NA	1	-	07/18/12 22:30	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212707
Report Date: 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-10
Client ID: S-12L-B009-15.0-15.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/16/12 17:45
Date Received: 07/17/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91		%	0.10	NA	1	-	07/18/12 22:30	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212707
Report Date: 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-11
Client ID: S-12L-B009-19.0-19.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment
Date Collected: 07/16/12 18:10
Date Received: 07/17/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92		%	0.10	NA	1	-	07/18/12 22:30	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212707
Report Date: 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-12
Client ID: S-12L-B009-21.5-22.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/16/12 18:10
Date Received: 07/17/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89		%	0.10	NA	1	-	07/18/12 22:30	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212707
Report Date: 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-13
Client ID: S-12L-B008-0.5-1.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment
Date Collected: 07/17/12 08:15
Date Received: 07/17/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	51		%	0.10	NA	1	-	07/18/12 22:30	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212707
Report Date: 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-14
Client ID: S-12L-B008-0.5-1.0REP
Sample Location: NEW BEDFORD, MA
Matrix: Sediment
Date Collected: 07/17/12 08:15
Date Received: 07/17/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	51		%	0.10	NA	1	-	07/18/12 22:30	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212707
Report Date: 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-15
Client ID: S-12L-B008-1.5-2.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment
Date Collected: 07/17/12 08:15
Date Received: 07/17/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	52		%	0.10	NA	1	-	07/18/12 22:30	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212707
Report Date: 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-16
Client ID: S-12L-B008-3.0-3.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment
Date Collected: 07/17/12 08:15
Date Received: 07/17/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	54		%	0.10	NA	1	-	07/18/12 22:30	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212707
Report Date: 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-17
Client ID: S-12L-B008-6.0-6.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment
Date Collected: 07/17/12 08:30
Date Received: 07/17/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	50		%	0.10	NA	1	-	07/18/12 22:30	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212707
Report Date: 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-18
Client ID: S-12L-B008-7.5-8.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/17/12 08:30
Date Received: 07/17/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	47		%	0.10	NA	1	-	07/18/12 22:30	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212707
Report Date: 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-21
Client ID: S-12L-B008-11.0-11.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment
Date Collected: 07/17/12 08:55
Date Received: 07/17/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89		%	0.10	NA	1	-	07/18/12 22:30	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212707
Report Date: 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-22
Client ID: S-12L-B008-16.5-17.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/17/12 09:25
Date Received: 07/17/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92		%	0.10	NA	1	-	07/18/12 22:30	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212707
Report Date: 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-23
Client ID: S-12L-B008-21.0-21.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment
Date Collected: 07/17/12 09:55
Date Received: 07/17/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92		%	0.10	NA	1	-	07/18/12 22:30	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212707
Report Date: 08/17/12

SAMPLE RESULTS

Lab ID: L1212707-24
Client ID: S-12L-B008-22.2-22.7
Sample Location: NEW BEDFORD, MA
Matrix: Sediment
Date Collected: 07/17/12 09:55
Date Received: 07/17/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92		%	0.10	NA	1	-	07/18/12 22:30	30,2540G	RD

Lab Duplicate Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212707
Report Date: 08/17/12

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 03-05,07-18,21-24 QC Batch ID: WG549368-1 QC Sample: L1212707-21 Client ID: S-12L-B008-11.0-11.5						
Solids, Total	89	88	%	1		20

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212707
Report Date: 08/17/12

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 07/17/2012 22:37

Cooler Information Custody Seal

Cooler	
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1212707-01A	Vial HCl preserved	A	N/A	4	Y	Absent	8260(14)
L1212707-01B	Vial HCl preserved	A	N/A	4	Y	Absent	8260(14)
L1212707-01C	Amber 1000ml unpreserved	A	7	4	Y	Absent	8270TCL(7)
L1212707-01D	Amber 1000ml unpreserved	A	7	4	Y	Absent	8270TCL(7)
L1212707-01E	Amber 1000ml unpreserved	A	7	4	Y	Absent	PCB-8082(7)
L1212707-01F	Amber 1000ml unpreserved	A	7	4	Y	Absent	PCB-8082(7)
L1212707-02A	Vial HCl preserved	A	N/A	4	Y	Absent	8260(14)
L1212707-03A	Vial MeOH preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-03B	Vial water preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-03C	Vial water preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-03D	Amber 250ml unpreserved	C	N/A	5	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212707-03E	Amber 250ml unpreserved	C	N/A	5	Y	Absent	-
L1212707-04A	Vial MeOH preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-04B	Vial water preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-04C	Vial water preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-04D	Amber 250ml unpreserved	C	N/A	5	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212707-04E	Amber 250ml unpreserved	C	N/A	5	Y	Absent	-
L1212707-05A	Vial MeOH preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-05B	Vial water preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-05C	Vial water preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-05D	Amber 250ml unpreserved	C	N/A	5	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212707-05E	Amber 250ml unpreserved	C	N/A	5	Y	Absent	-
L1212707-06A	Vial MeOH preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)

(*) Values in parentheses indicate holding time in days

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212707
Report Date: 08/17/12

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1212707-06B	Vial water preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-06C	Vial water preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-07A	Vial MeOH preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-07B	Vial water preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-07C	Vial water preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-07D	Amber 250ml unpreserved	C	N/A	5	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212707-07E	Amber 250ml unpreserved	C	N/A	5	Y	Absent	-
L1212707-08A	Vial MeOH preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-08B	Vial water preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-08C	Vial water preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-08D	Amber 250ml unpreserved	C	N/A	5	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212707-08E	Amber 250ml unpreserved	C	N/A	5	Y	Absent	-
L1212707-09A	Vial MeOH preserved	B	N/A	5	Y	Absent	8260H-WHG(14),8260HLW-WHG(14)
L1212707-09B	Vial water preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-09C	Vial water preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-09D	Amber 250ml unpreserved	C	N/A	5	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212707-09E	Amber 250ml unpreserved	C	N/A	5	Y	Absent	-
L1212707-10A	Vial MeOH preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-10B	Vial water preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-10C	Vial water preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-10D	Amber 250ml unpreserved	C	N/A	5	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212707-10E	Amber 250ml unpreserved	C	N/A	5	Y	Absent	-
L1212707-11A	Vial MeOH preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-11B	Vial water preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-11C	Vial water preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-11D	Amber 250ml unpreserved	C	N/A	5	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212707-11E	Amber 250ml unpreserved	C	N/A	5	Y	Absent	-
L1212707-12A	Vial MeOH preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-12B	Vial water preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-12C	Vial water preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-12D	Amber 250ml unpreserved	C	N/A	5	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212707-12E	Amber 250ml unpreserved	C	N/A	5	Y	Absent	-
L1212707-13A	Vial MeOH preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)

(*) Values in parentheses indicate holding time in days

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212707
Report Date: 08/17/12

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1212707-13B	Vial water preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-13C	Vial water preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-13D	Amber 250ml unpreserved	C	N/A	5	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212707-13E	Amber 250ml unpreserved	C	N/A	5	Y	Absent	-
L1212707-14A	Vial MeOH preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-14B	Vial water preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-14C	Vial water preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-14D	Amber 250ml unpreserved	C	N/A	5	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212707-14E	Amber 250ml unpreserved	C	N/A	5	Y	Absent	-
L1212707-15A	Vial MeOH preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-15B	Vial water preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-15C	Vial water preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-15D	Amber 250ml unpreserved	B	N/A	5	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212707-15E	Amber 250ml unpreserved	B	N/A	5	Y	Absent	-
L1212707-16A	Vial MeOH preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-16B	Vial water preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-16C	Vial water preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-16D	Amber 250ml unpreserved	B	N/A	5	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212707-16E	Amber 250ml unpreserved	B	N/A	5	Y	Absent	-
L1212707-17A	Vial MeOH preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-17B	Vial water preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-17C	Vial water preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-17D	Amber 250ml unpreserved	B	N/A	5	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212707-17E	Amber 250ml unpreserved	B	N/A	5	Y	Absent	-
L1212707-18A	Vial MeOH preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-18B	Vial water preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-18C	Vial water preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-18D	Amber 250ml unpreserved	C	N/A	5	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212707-18E	Amber 250ml unpreserved	C	N/A	5	Y	Absent	-
L1212707-19A	Vial HCl preserved	A	N/A	4	Y	Absent	8260(14)
L1212707-19B	Vial HCl preserved	A	N/A	4	Y	Absent	8260(14)
L1212707-19C	Amber 1000ml unpreserved	A	7	4	Y	Absent	8270TCL(7)
L1212707-19D	Amber 1000ml unpreserved	A	7	4	Y	Absent	8270TCL(7)

*Values in parentheses indicate holding time in days

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212707
Report Date: 08/17/12

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1212707-19E	Amber 1000ml unpreserved	A	7	4	Y	Absent	PCB-8082(7)
L1212707-19F	Amber 1000ml unpreserved	A	7	4	Y	Absent	PCB-8082(7)
L1212707-20A	Vial HCl preserved	A	N/A	4	Y	Absent	8260(14)
L1212707-20C	Amber 1000ml unpreserved	A	7	4	Y	Absent	8270TCL(7)
L1212707-20D	Amber 1000ml unpreserved	A	7	4	Y	Absent	8270TCL(7)
L1212707-20E	Amber 1000ml unpreserved	A	7	4	Y	Absent	PCB-8082(7)
L1212707-20F	Amber 1000ml unpreserved	A	7	4	Y	Absent	PCB-8082(7)
L1212707-21A	Vial MeOH preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-21B	Vial water preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-21C	Vial water preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-21D	Vial MeOH preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-21E	Vial water preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-21F	Vial water preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-21G	Amber 250ml unpreserved	C	N/A	5	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212707-21H	Amber 250ml unpreserved	C	N/A	5	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212707-21I	Amber 250ml unpreserved	C	N/A	5	Y	Absent	-
L1212707-21J	Amber 250ml unpreserved	C	N/A	5	Y	Absent	-
L1212707-22A	Vial MeOH preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-22B	Vial water preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-22C	Vial water preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-22D	Amber 250ml unpreserved	C	N/A	5	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212707-22E	Amber 250ml unpreserved	C	N/	5	Y	Absent	-
L1212707-23A	Vial MeOH preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-23B	Vial water preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-23C	Vial water preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-23D	Amber 250ml unpreserved	C	N/A	5	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212707-23E	Amber 250ml unpreserved	C	N/A	5	Y	Absent	-
L1212707-24A	Vial MeOH preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-24B	Vial water preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-24C	Vial water preserved	B	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212707-24D	Amber 250ml unpreserved	C	N/A	5	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212707-24E	Amber 250ml unpreserved	B	N/A	5	Y	Absent	-
L1212707-25A	Vial HCl preserved	A	N/A	4	Y	Absent	-

(*) Values in parentheses indicate holding time in days

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212707
Report Date: 08/17/12

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)

Container Comments

L1212707-03D

L1212707-04D

L1212707-05D

L1212707-06B

L1212707-07B

L1212707-07D

L1212707-08D

L1212707-09D

L1212707-10B

L1212707-10D

L1212707-11B

L1212707-11D

L1212707-12D

L1212707-13B

L1212707-13D

L1212707-14D

L1212707-15D

L1212707-16D

L1212707-17D

L1212707-18D

L1212707-21B

L1212707-21E

L1212707-21F

L1212707-21H

L1212707-22B

L1212707-22D

L1212707-23B

L1212707-23D

(*) Values in parentheses indicate holding time in days

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212707
Report Date: 08/17/12

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)

Container Comments

L1212707-24B

L1212707-24D

(*) Values in parentheses indicate holding time in days

Project Name:	NEW BEDFORD AEROVOX	**Lab Number:**	L1212707
Project Number:	TO-0010-05	**Report Date:**	08/17/12

GLOSSARY

Acronyms

EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than five times (5x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit.
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
D	- Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
E	- Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
G	- The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
H	- The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
I	- The RPD between the results for the two columns exceeds the method-specified criteria; however, the lower value has been reported due to obvious interference.
M	- Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
NJ	- Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

Report Format: Data Usability Report

Project Name:	NEW BEDFORD AEROVOX	**Lab Number:**	L1212707
Project Number:	TO-0010-05	**Report Date:**	08/17/12

Data Qualifiers

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the reporting limit (RL) for the sample.

Report Format: Data Usability Report

Project Name:	NEW BEDFORD AEROVOX	**Lab Number:**	L1212707
Project Number:	TO-0010-05	**Report Date:**	08/17/12

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certificate/Approval Program Summary

Last revised August 16, 2012 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0574. ***NELAP Accredited Solid Waste/Soil.***

Drinking Water (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Nickel, Selenium, Silver, Sodium, Thallium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP) 504.1, Ethylene Dibromide (EDB) 504.1, 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223, Enumeration and P/A), E. Coli. – Colilert (SM9223, Enumeration and P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform-EC Medium (SM 9221E).

Wastewater/Non-Potable Water (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), E. Coli – Colilert (SM9223 Enumeration), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E), Enterococcus - Enterolert.

Solid Waste/Soil (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Dalapon, Volatile Organics (SW 8260), Acid Extractables (Phenols) (SW 8270), Benzidines (SW 8270), Phthalates (SW 8270), Nitrosamines (SW 8270), Nitroaromatics & Cyclic Ketones (SW 8270), PAHs (SW 8270), Haloethers (SW 8270), Chlorinated Hydrocarbons (SW 8270).)

Maine Department of Human Services Certificate/Lab ID: 2009024.
Drinking Water (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 353.2, SM2130B, 2320B, 2540C, 4500Cl-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 350.1, 351.1, 353.2, 410.4, 420.1, SM2320B, 2510B, 2540C, 2540D, 426C, 4500Cl-D, 4500Cl-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-B, 4500Norg-C, 4500NH3-B, 4500NH3-G, 4500NO3-F, 4500P-B, 4500P-E, 5210B, 5220D, 5310C, 9010B, 9040B, 9030B, 7470A, 7196A, 2340B, EPA 200.7, 6010B, 200.8, 6020, 245.1, 1311, 1312, 3005A, Enterolert, 9223D, 9222D. Organic Parameters: 608, 624, 625, 8081A, 8082, 8330, 8151A, 8260B, 8270C, 3510C, 3630C, 5030B, ME-DRO, ME-GRO, MA-EPH, MA-VPH.)

Solid Waste/Soil (Inorganic Parameters: 9010B, 9012A, 9014A, 9030B, 9040B, 9045C, 6010B, 7471A, 7196A, 9050A, 1010, 1030, 9065, 1311, 1312, 3005A, 3050B. Organic Parameters: ME-DRO, ME-GRO, MA-EPH, MA-VPH, 8260B, 8270C, 8330, 8151A, 8081A, 8082, 3540C, 3546, 3580A, 3630C, 5030B, 5035.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.
*Drinking Water (*Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl) (EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate); (EPA 353.2 for: Nitrate-N, Nitrite-N); (SM4500NO3-F for: Nitrate-N and Nitrite-N); 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, 2320B, SM2540C, SM4500H-B. Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics); (504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), EPA 332. Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; ColilertQT SM9223B; MF-SM9222D.)

Non-Potable Water (Inorganic Parameters:, (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn); (EPA 200.7

for: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn); 245.1, SM4500H,B, EPA 120.1, SM2510B, 2540C, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.
Organic Parameters: (EPA 624 for Volatile Halocarbons, Volatile Aromatics),(608 for: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT,Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs-Water), (EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables), 600/4-81-045-PCB-Oil. Microbiology Parameters: (ColilertQT SM9223B; Enterolert-QT: SM9222D-MF.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM 9222B, 9223B, 9215B, EPA 200.7, 200.8, 300.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 332.0. Organic Parameters: 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM9222D, 9221B, 9222B, 9221E-EC, EPA 3005A, 200.7, 200.8, 245.1, SW-846 6010B, 6010C, 6020, 6020A, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 350.2, 351.1, 353.2, 410.4, 420.1, 426C, 1664A, SW-846 9010B, 9030B, 9040B, SM2120B, 2310B, 2320B, 2540B, 2540D, 4500H+B, 4500CL-E, 4500CN-E, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500P-E, 4500-S2-D, 5210B, 5220D, 2510B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D, 3060A. Organic Parameters: SW-846 3510C, 3630C, 5030B, 8260B, 8270C, 8270D, 8330, EPA 624, 625, 608, SW-846 8082, 8082A, 8081A, 8081B, 8151A, 8330, 8270C-SIM, 8270D-SIM.)

Solid & Chemical Materials (Inorganic Parameters: SW-846 6010B, 6010C, 7196A, 7471A, 1010, 1030, 9010, 9012A, 9014, 9030B, 9040B, 9045C, 9050, 9065,1311, 1312, 3005A, 3050B, 3060A. Organic Parameters: SW-846 3540C, 3546, 3050B, 3580A, 3630C, 5030B, 5035, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330, 8151A, 8015B, 8015C, 8082, 8082A, 8081A, 8081B.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9222B, 9221E, 9223B, 9215B, 4500CN-CE, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 200.8, 245.1, 2540C, SM2120B, 2320B, 2510B, 5310C, SM4500H-B. Organic Parameters: EPA 332, 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM5210B, EPA 410.4, SM5220D, 4500Cl-E, EPA 300.0, SM2120B, 2340B, SM4500F-BC, EPA 200.7, 200.8, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310B, C or D, 4500-PE, EPA 420.1, SM510ABC, SM4500P-B5+E, 2540B, 2540C, 2540D, 2540G, EPA 120.1, SM2510B, SM2520B, SM15 426C, 9222D, 9221B, 9221C, 9221E, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, EPA 350.1, 350.2, SW-846 1312, 7470A, 5540C, SM4500H-B, 4500SO3-B, SM3500Cr-D, 4500CN-CE, EPA 245.1, SW-846 9040B, 3005A, 3015, EPA 6010B, 6010C, 6020, 6020A, 7196A, 3060A, SW-846 9010B, 9030B. Organic Parameters: SW-846 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3510C, EPA 608, 624, 625, SW-846 3630C, 5030B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 1,4-Dioxane by NJ Modified 8270, 8015B, NJ EPH.)

Solid & Chemical Materials (Inorganic Parameters: SW-846, 6010B, 6010C, 6020, 6020A, 7196A, 3060A, 9010B, 9030B, 1010, 1030, 1311, 1312, 3005A, 3050B, 7471A, 7471B, 9014, 9012A, 9040B, 9040C, 9045C, 9045D, 9050A, 9065, 9251. Organic Parameters: SW-846 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3540C, 3546, 3580A, 3630C, 5030B, 5035L, 5035H, NJ OQA-QAM-025 Rev.7, NJ EPH.)

New York Department of Health Certificate/Lab ID: 11148. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.2, SM5310C, EPA 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500NO3-F, 2540C, SM 2510B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, 5310C, EPA 410.4, SM5220D, 2310B-4a, 2320B, EPA 200.7, 300.0, SM4500CL-E, 4500F-C, SM15 426C, EPA 350.1, SM4500NH3-BH, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010B, 6010C, 6020, 6020A, EPA 7196A, SM3500Cr-D, EPA 245.1, 245.2, 7470A, SM2120B, LACHAT 10-204-00-1-A, 4500CN-CE, EPA 1664A, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 3005A, 3015, 9010B, 9030B. Organic Parameters: EPA 624, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 625, 608, 8081A, 8081B, 8151A, 8330, 8082, 8082A, EPA 3510C, 5030B.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010, 1030, EPA 6010B, 6010C, 7196A, 7471A, 7471B, 9012A, 9014, 9065, 9050A, EPA 1311, 1312, 3005A, 3050B, 9010B, 9040C, 9045D. Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8015B, 8015C, 8081A, 8081B, 8151A, 8330, 8082 8082A, 3540C, 3546, 3580, 3580A, 5030B, 5035A-H, 5035A-L.)

North Carolina Department of the Environment and Natural Resources Certificate/Lab ID : 666. (Inorganic Parameters: SM2310B, 2320B, 4500Cl-E, 4500Cn-E, 9014, Lachat 10-204-00-1-X, 1010A, 1030, 4500NO3-F, 353.2, 4500P-E, 4500SO4-E, 300.0, 4500S-D, 5310B, 5310C, 6010C, 6020A, 200.7, 200.8, 3500Cr-B, 7196A, 245.1, 7471A, 7471B, 1311,1312. Organic Parameters: 608, 8081B, 8082A, 624, 8260B, 625, 8270D, 8151A, 8015C, 504.1, MA-EPH, MA-VPH.)

Drinking Water Program Certificate/Lab ID: 25700. (Inorganic Parameters: Chloride EPA 300.0. Organic Parameters: 524.2)

Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: 200.7, 200.8, 245.2, 300.0, 332.0, 2120B, 2320B, 2510B, 2540C, 4500-CN-CE, 4500F-C, 4500H+-B, 4500NO3-F, 5310C. Organic Parameters: EPA 524.2, 504.1)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1312, 3005A,3015, 3060A, 200.7, 200.8, 410.4, 1664A, SM2540D, 5210B, 5220D, 4500-P,BE, 245.1, 300.0, 3501., 350.2, 353.2, 420.1, 6010B, 6010C, 6020, 6020A, 7196A, 7470A, 9010B, 9030B, 9040B, Lachat 10-107-06-2-D, NJ-EPH, 2120B, 2310B, 2320B, 2340B, 2510C, 2540B, 2540C, 3500Cr-D, 436C, 4500CN-CE, 4500Cl-E, 4500F-B, 4500F-C, 4500H+-B, 4500NO2-B, 4500NO3-F, 4500S-D, 4500SO3-B, 5310BCD, 5540C. Organic Parameters: EPA 3510C, 3630C, 5030B, 625, 624, 608, 8081A, 8081B, 8082, 8082A, 8151A, 8260B, 8270C, 8270D, 8330, 8015B,)

Solid & Hazardous Waste (Inorganic Parameters: EPA 350.1, 1010, 1030, 1311, 1312, 3005A, 3050B, 3060A, 6010B, 6010C, 6020A, 7196A, 7471A, 7471B, 9010B, 9012A, 9014, 9040B, 9045C, 9050, 9065, SM 4500NH3-BH, 9030B, 9038, 9251. Organic Parameters: 3540C, 3546, 3580A, 3630C, 5035, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330, NJ-EPH.)

Rhode Island Department of Health Certificate/Lab ID: LAO00065. ***NELAP Accredited via NJ-DEP.***
Refer to MA-DEP Certificate for Potable and Non-Potable Water.
Refer to NJ-DEP Certificate for Potable and Non-Potable Water.

Texas Commisson on Environmental Quality Certificate/Lab ID: T104704476-09-1. ***NELAP Accredited.***
Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 $S2^{-}$D, 510C, 5210B, 5220D, 5310C, 5540C. Organic Parameters: EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

Virginia Division of Consolidated Laboratory Services Certificate/Lab ID: 460195. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: EPA 200.7, 200.8, 300.0, 2510B, 2120B, 2540C, 4500CN-CE, 245.2, 2320B, 4500F-C, 4500F-C, 4500NO3-F, 5310C. Organic Parameters: EPA 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 200.7, 2..08, 245.1, 300.0, 3005A, 3015, 1312, 6010B, 6010C, 3060A, 353.2, 420.1, 6020, 6020A, SM4500S-D, SM4500-CN-CE, Lachat 10-204-00-1-X, 7196A, 7470A, 9010B, 9040B, 2310B, 2320B, 2510B, 2540B, 2540C, 3500Cr-D, 426C, 4500Cl-E, 4500F-B, 4500F-C, 4500PE, 510AC, 5210B, 5310B 5310C, 5540C. Organic Parameters: EPA 3510C, 3630C, 5030B, 8260B, 608, 624, 625, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330,)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010A, 1030, 3060A, 3050B, 1311, 1312, 6010B, 6010C, 6020, , 7196A, 7471A, 7471B, 6020A, 9030B, 9010B, 9012A, 9014 9040B, 9045C, 9050A, 9065. Organic Parameters: EPA 5035, 3540C, 3546, 3550, 3580, 3630C, 8260B, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330.)

Department of Defense, L-A-B Certificate/Lab ID: L2217.
Drinking Water (Inorganic Parameters: SM 4500H-B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: EPA 200.7, 200.8, 6010B, 6010C, 6020, 6020A, 245.1, 245.2, 7470A, 9040B, 9010B, 180.1. 300.0, 332.0, 6860, 353.2, 410.4, 9060, 1664A, SM 4500CN-E, 4500H-B, 4500NO3-F, 4500CL-D, 5220D, 5310C, 2130B, 2320B, 2540C, 3005A, 3015, 9010B, 9056. Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A, 8082, 8082A, 8011, 8081B, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 200.7, 6010B, 6010C, 7471A, 6860, 1311, 1312, 3050B, 7196A, 9010B, 9012A, 9040B, 9045C, 3500-CR-D, 4500CN-CE, 2540G, Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A/B-prep, 8082, 8082A, 8081A, 8081B, 3540C, 3546, 3580A, 5035A, MassDEP EPH, MassDEP VPH.)

The following analytes are not included in our current NELAP/TNI Scope of Accreditation:
EPA 8260B: Freon-113, 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8330A:** PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C:** Methyl naphthalene, Dimethyl naphthalene, Total Methylnapthalenes, Total Dimethylnaphthalenes, 1,4-Diphenylhydrazine (Azobenzene). **EPA 625:** 4-Chloroaniline, 4-Methylphenol. Total Phosphorus in a soil matrix, Chloride in a soil matrix, TKN in a soil matrix, NO2 in a soil matrix, NO3 in a soil matrix, SO4 in a soil matrix. **EPA 9071:** Total Petroleum Hydrocarbons, Oil & Grease.

CHAIN OF CUSTODY

PAGE 1 OF 9

Date Rec'd in Lab: 7/17/12

ALPHA Job #: L1212707

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 7/31/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
Project-specific EDD. Homogenize before analysis

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
12707 01	EB-071612-02	7/16/12	1715	SW	DRW	X				Equip Blank	2
01	EB-071612-02		1715					X		Equip Blank	4
02	TB-071712-01	~~7/16/12~~ 7/16/12 DGS	~~0630~~ 1100 DGS		KR	X				Trip Blank, EB	1
03	S-12L-B009-0.5-1.0	7/16/12	1650	SE	DGS	X					1
03	S-12L-B009-0.5-1.0						X				
03	S-12L-B009-0.5-1.0							X		All 3 analyses	
03	S-12L-B009-0.5-1.0								X	Archive	
04	S-12L-B009-1.5-2.0		1650			X					
04	S-12L-B009-1.5-2.0						X				
04	S-12L-B009-1.5-2.0							X		All 3 analyses	

	High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congener (Archive)
Container Type	V	V	A	A
Preservative	F	O	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	7/17/12 1645	[signature]	7/17/12 1645
[signature]	7/17/12 1920	[signature]	7/17/12 1920

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Delivery Order ... -05 ... 013

Sediment Boring Collection and Analysis
Off the Former Aerovox Site Property Shoreline
W912WJ-09-D-0001

MANSFIELD CHAIN OF CUSTODY

PAGE 2 OF 9

Date Rec'd in Lab: 7/17/12

ALPHA Job #: L1212707

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 7/31/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program Criteria

Other Project Specific Requirements/Comments/Detection Limits:
Project-specific EDD. Homogenize before analysis

PLEASE NOTE
MS/MSD (at unit cost) will be omitted unless you check here: ☐

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC	Low VOC	SVOC, Total Solid, PCB Acrylor	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
12707-04	S-12L-B009-1.5-2.0	7/16/12	1650	SE	DGS				X	Archive	1
05	S-12L-B009-1.5-2.0REP					X				REP	1
05	S-12L-B009-1.5-2.0REP						X			REP	2
05	S-12L-B009-1.5-2.0REP							X		REP, All 3 analyses	1
05	S-12L-B009-1.5-2.0REP								X	REP, Archive	1
06	~~S~~ DGS TB-071712-02	7/16/12	1830			X				Trip Blank	1
06	TB-071712-03		1830				X			Trip Blank	2
07	S-12L-B009-5.5-6.0		1716	SE		X					1
07	S-12L-B009-5.5-6.0						X				2
07	S-12L-B009-5.5-6.0							X		All 3 analyses	1
					Container Type	V	V	A	A		
					Preservative	F	O	A	A		

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	7/17/12 1645	[signature]	7/17/12 1645
[signature]	7/17/12 19:20	[signature]	7/17/12 19:20

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 101-09 (rev. 27-SEP-10)

Sediment Boring Collection and Analysis
Off the Former Aerovox Site Property Shoreline
W912WJ-09-D-0001
Ry Order 0-05
April 2013

CHAIN OF CUSTODY

PAGE 3 OF 9

Date Rec'd in Lab: 7/17/12

ALPHA Job #: L1212707

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 7/31/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State / Fed Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
Project-specific EDD. Homogenize before analysis

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid, PCB Aroclors	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
12707-07	S-12L-B009-5.5-6.0	7/16/12	1710	SE	DGS				X	Archive	1
-08	S-12L-B009-9.2-9.7		1730			X					1
-08	S-12L-B009-9.2-9.7						X				2
-08	S-12L-B009-9.2-9.7							X		All 3 analyses	1
-08	S-12L-B009-9.2-9.7								X	Archive	
-09	S-12L-B009-10.3-10.8					X					
-09	S-12L-B009-10.3-10.8						X				
-09	S-12L-B009-10.3-10.8							X		All 3 analyses	
-09	S-12L-B009-10.3-10.8								X	Archive	
-10	S-12L-B009-15.0-15.5		1745			X					

Container Type	V	V	A	A
Preservative	F	O	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	7/17/12 1645	[signature]	7/17/12 1645
[signature]	7/17/12 19:20	[signature]	7/17/12 19:20

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Sediment Boring Collection and Analysis Off the Former Aerovox Site Property Shoreline W912WJ-09-D-0001

Page 282 of 297

CHAIN OF CUSTODY

PAGE 4 OF 9

Date Rec'd in Lab: 7/17/12

ALPHA Job #: L1212707

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 7/31/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State / (Fed) Program Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
Project-specific EDD. Homogenize before analysis

ANALYSIS

SAMPLE HANDLING

Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid, PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
-10	S-12L-B009-15.0-15.5	7/16/12	1745	SE	DGS		X			1
-10	S-12L-B009-15.0-15.5							X	All 3 analyses	3
-10	S-12L-B009-15.0-15.5							X	Archive	1
-11	S-12L-B009-19.0-19.5		1810			X				1
-11	S-12L-B009-19.0-19.5						X			1
-11	S-12L-B009-19.0-19.5							X	All 3 analyses	3
-11	S-12L-B009-19.0-19.5							X	Archive	1
-12	S-12L-B009-21.5-22.0					X				1
-12	S-12L-B009-21.5-22.0						X			1
-12	S-12L-B009-21.5-22.0							X	All 3 analyses	3

Container Type	V	~~V~~ A	A	
Preservative	F	0 A	A	

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
	7/17/12 1645		7/17/12 1645
	7/17/12 1920		7/17/12 19:20

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Delivery Order -05 April 2013

Sediment Boring Location Terminal Analysis

Off the Former Aerovox Site Property Shoreline

W912WJ-09-D-0001

CHAIN OF CUSTODY

PAGE 5 OF 9

Date Rec'd in Lab: 7/17/12

ALPHA Job #: L1212707

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 7/31/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

Project-Specific EDD. Homogenize before sampling

ALPHA Lab ID (Lab Use Only)	Sample ID (7/17/12)	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solids, PCB Aroclors	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
12707-12	S-12L-B009-21.5-22.0	7/16/12	1810	SE	DGS				X	Archive	1
-13	S-12L-B008-0.5-1.0	7/17/12	0815			X				ASB-8	1
-13	S-12L-B008-0.5-1.0						X				2
-13	S-12L-B008-0.5-1.0							X		All 3 analyses	1
-13	S-12L-B008-0.5-1.0 DEL REP								X	Archive	1
-14	S-12L-B008-0.5-1.0 REP					X				REP	1
-14	S-12L-B008-0.5-1.0 REP						X			REP	1
-14	S-12L-B008-0.5-1.0 REP							X		REP, All 3 analyses	1
-14	S-12L-B008-0.5-1.0 REP								X	REP, Archive	1
-15	S-12L-B008-1.5-2.0					X					1

MANSFIELD CHAIN OF CUSTODY

PAGE 6 OF 9

Date Rec'd in Lab: 7/17/12

ALPHA Job #: L1212707

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 7/31/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program | Criteria

Other Project Specific Requirements/Comments/Detection Limits:
Project-Specific EDD. Homogenize before analysis

PLEASE NOTE
MS/MSD (at unit cost) will be omitted unless you check here: ☐

SAMPLE HANDLING
Filtration
☐ Done ☐ Not needed ☐ Lab to do
Preservation
☐ Lab to do (Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid, PCP	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
1212707 -15	S-12L-B0008-1.5-2.0	7/17/12	0815	SE	DGS		X				1
-15	S-12L-B0008-1.5-2.0							X		All 3 analyses	1
-15	S-12L-B0008-1.5-2.0								X	Archive	1
-16	S-12L-B0008-3.0-3.5					X					1
-16	S-12L-B0008-3.0-3.5						X				1
-16	S-12L-B0008-3.0-3.5							X		All 3 analyses	1
-16	S-12L-B0008-3.0-3.5								X	Archive	1
-17	S-12L-B0008-6.0-6.5		0830			X					1
-17	S-12L-B0008-6.0-6.5						X				1
-17	S-12L-B0008-6.0-6.5							X		All 3 analyses	1

Container Type	V	V	A	A							
Preservative	F	O	A	A							

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	7/17/12 1645	[signature]	7/17/12 1645
[signature]	7/17/12 19:20	[signature]	7/17/12 19:20

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 101-09 (rev. 27-SEP-10)

Sediment-Boring Collection and Analysis
Off the Former Aerovox Site Property Shoreline
W912WJ-09-D-0001

MANSFIELD CHAIN OF CUSTODY

PAGE 7 OF 9

Date Rec'd in Lab: 7/17/12

ALPHA Job #: L1212707

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford, Aerovox
Project Location: New Bedford, MA
Project #: DGS ~~TO-100~~ TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 7/31/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State / Fed Program | Criteria

Other Project Specific Requirements/Comments/Detection Limits:
Project-Specific EDD. Homogenize before analysis

PLEASE NOTE
MS/MSD (at unit cost) will be omitted unless you check here: ☐

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
12707-17	S-12L-B008-6.0-6.5	7/17/12	0830	SE	DGS				X	Archive	D-136
-18	S-12L-B008-7.5-8.0					X					1
-18	S-12L-B008-7.5-8.0						X				2
-18	S-12L-B008-7.5-8.0							X		All 3 analyses	1
-18	S-12L-B008-7.5-8.0								X	Archive	1
-19	EB-071712-01		0900	SW	DRW	X				Equip blank ASB-8	2
-19	EB-071712-01		0900					X		Equip blank, SVOC + Aroclor	5
-20	EB-071712-02		1115			X				Equip blank - ASB-10	2
-20	EB-071712-02		1115					X		Equip blank, SVOC + Aroclor	5
-21	S-12L-B008-11.0-11.5		0855	SE	DGS	X					1
					Container Type	V	V	A	A		
					Preservative	F	O	A	A		

Relinquished By:	Date/Time	Received By:	Date/Time
Dave Walsh	7/17/12 ~~1945~~ 1645	T. Hudd	7/17/12 1645
T. Hudd	7/17/12 19:20	[signature]	7/17/12 19:20

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 101-09 (rev. 27-SEP-10)

Sediment Boring Collection and Analysis
Off the Former Aerovox Site Property Shoreline
W912WJ-09-D-0001

CHAIN OF CUSTODY

PAGE 8 OF 9

Date Rec'd in Lab: 7/17/12

ALPHA Job #: L1212707

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-09
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 7/31/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
Project specific EDD. Homogenize before analysis

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
12707-21	S-12L-B008-11.0-11.5	7/17/12	0855	SE	DGS		X				3
-21	S-12L-B008-11.0-11.5							X		All 3 analyses	1
-21	S-12L-B008-11.0-11.5								X		1
-21	S-12L-B008-11.0-11.5 MSMSD					X				MSMSD	1
-21	S-12L-B008-11.0-11.5 MSMSD						X			MSMSD	1
-21	S-12L-B008-11.0-11.5 MSMSD							X		MSMSD, All 3 analyses	1
-21	S-12L-B008-11.0-11.5 MSMSD								X	MSMSD, Archive	1
-22	S-12L-B008-16.5-17.0		0925			X					1
-22	S-12L-B008-16.5-17.0						X				1
-22	S-12L-B008-16.5-17.0							X		All 3 analyses	1

Container Type	V	V	A	A
Preservative	F	O	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	7/17/12 1645	[signature]	7/17/12 1645
[signature]	7/17/12 19:20	[signature]	7/17/12 19:20

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Settlement Boring Collection and Analysis
Off the Former Aerovox Site Property Shoreline
W912WJ-09-D-0001
Del Order 0-05
April 2013

CHAIN OF CUSTODY

PAGE 9 OF 9

Date Rec'd in Lab: 7/17/12

ALPHA Job #: L1212707

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 7/13/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All ***CAM*** methods for inorganic analyses require MS every 20 soil samples)

Project-Specific EDD. Homogenize before analysis

ANALYSIS: High VOC; Low VOC; SVOC, Total Solids, PCP Acachlors; PCB Congeners (Archive)

SAMPLE HANDLING
Filtration
☐ Done ☐ Not needed ☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solids, PCP Acachlors	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
12707-22	S-12L-B008-16.5-17.0	7/17/12	0925	SE	DGS				X	Archive	1
-23	S-12L-B008-21.0-21.5		0955			X					2
-23	S-12L-B008-21.0-21.5						X				2
-23	S-12L-B008-21.0-21.5							X		All 3 analyses	1
-23	S-12L-B008-21.0-21.5								X	Archive	1
-24	S-12L-B008-22.2-22.7					X					2
-24	S-12L-B008-22.2-22.7						X				2
-24	S-12L-B008-22.2-22.7							X		All 3 analyses	1
-24	S-12L-B008-22.2-22.7								X	Archive	1

Container Type	V	V	A	A							
Preservative	F	O	A	A							

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Dave Stuart	7/17/12 1645	T. Handley	7/17/12 1645
T. Handley	7/17/12 19:20		7/17/12 19:20

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

CHAIN OF CUSTODY

PAGE 1 OF 4

Date Rec'd in Lab: 7/17/12

ALPHA Job #: L1212707

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 7/31/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
Project-specific BDD. Homogenize before analysis

ANALYSIS: TCL VOC | TCL VOC | SVOC Target List + TICs | PCB Congener (Archive)

SAMPLE HANDLING
Filtration
☐ Done ☐ Not needed ☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOC	TCL VOC	SVOC Target List + TICs	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
1212707-01	EB-071612-02	7/16/12	1715	SW	DRW	X		X		Equip Blank	2
-01	EB-071612-02	7/16/12	1715							Equip Blank	4
-02	TB-071712-01	7/16/12	0630		KR	X				Trip Blank, EB	1
-03	S-12L-B009-0.5-1.0	7/16/12	1650	SB	DGS	X					
-03	S-12L-B009-0.5-1.0						X				
-03	S-12L-B009-0.5-1.0							X		All 3 analyses	
-03	S-12L-B009-0.5-1.0								X	Archive	
-04	S-12L-B009-1.5-2.0		1650			X					
-04	S-12L-B009-1.5-2.0						X				
-04	S-12L-B009-1.5-2.0							X		All 3 analyses	

Container Type	V	V	A	A
Preservative	F	O	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Dave Walsh	7/17/12 1645	T. Henderson	7/17/12 1645
T. Henderson	7/17/12 1920		7/17/12 1920
	7/17/12 2730	Pat Cuff	7/18/12 720
Pat Cuff	7/18/12 0830		7/18/12 0830

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Sediment Boring Collection and Analysis
Off the Former Aerovox Site Property, Shoreline
Page 289 of 297
1000-D-09-FMR116M

MANSFIELD CHAIN OF CUSTODY

PAGE 2 OF 9

Date Rec'd in Lab: 7/17/12

ALPHA Job #: L1212707

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Serial_No:0817120

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 7/31/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program Criteria

Other Project Specific Requirements/Comments/Detection Limits:
Project-specific EDD. Homogenize before analysis

PLEASE NOTE
MS/MSD (at unit cost) will be omitted unless you check here: ☐

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	~~High VOC~~	~~Low VOC~~	~~SVOC, Total Solid PCB~~	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
12707-04	S-12L-B009-1.5-2.0	7/16/12	1650	SE	DGS				X	Archive	1
05	S-12L-B009-1.5-2.0REP					X				REP	1
05	S-12L-B009-1.5-2.0REP						X			REP	2
05	S-12L-B009-1.5-2.0REP							X		REP, All 3 analyses	
05	S-12L-B009-1.5-2.0REP								X	REP, Archive	
06	~~SV~~ DGS TB-071712-02	7/16/12	1830			X				Trip Blank	
06	TB-071712-03		1830				X			Trip Blank	
07	S-12L-B009-5.5-6.0		1716	SE		X					
07	S-12L-B009-5.5-6.0						X				
07	S-12L-B009-5.5-6.0							X		All 3 analyses	
	Container Type					V	V	A	A		
	Preservative					F	O	A	A		

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	7/17/12 1645	[signature]	7/17/12 1645
[signature]	7/17/12 1920	[signature]	7/17/12 19:20
[signature]		Pat Cline	7/18/12 720
Pat Cline	7/18/12 0830	[signature]	7/18/12 0830

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 101-09 (rev. 27-SEP-10)

Sediment Boring Collection and Analysis
Off the Former Aerovox Site Property Shoreline
W912WJ-09-D-0001

CHAIN OF CUSTODY

PAGE 3 OF 4

Date Rec'd in Lab: 7/17/12

ALPHA Job #: L1212707

ALPHA ANALYTICAL

WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

Serial_No:20817120

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 7/31/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State / Fed Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required , indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
Project-specific BDD. Homogenize before analysis

ANALYSIS: Arsenic, Lead, Soil Toxicity, PCB Congeners (Archive)

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Arsenic	Lead	Soil Toxicity	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
12707-07	S-12L-B009-5.5-6.0	7/16/12	1710	SE	DGS				X	Archive	1
-08	S-12L-B009-9.2-9.7		1730								1
-08	S-12L-B009-9.2-9.7						X				2
-08	S-12L-B009-9.2-9.7							X		All 3 analyses	3
-08	S-12L-B009-9.2-9.7								X	Archive	1
-09	S-12L-B009-10.3-10.8					X					1
-09	S-12L-B009-10.3-10.8						X				2
-09	S-12L-B009-10.3-10.8							X		All 3 analyses	3
-09	S-12L-B009-10.3-10.8								X	Archive	1
-10	S-12L-B009-15.0-15.5		1745			X					1

Container Type: V V A A
Preservative: F O A A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

FORM NO: 01-01 (rev. 18-Jan-2010)

Relinquished By:	Date/Time	Received By:	Date/Time
	7/17/12 1645		7/17/12 1645
	7/17/12 19:20		7/17/12 19:20
	7/17/12 22:30		7/18/12 0830
	7/18/12 0830		

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Delivery Order #: W912WJ-09-D-0001

Equipment Boring Collection and Analysis Off the Former Aerovox Site Property Shoreline

CHAIN OF CUSTODY

PAGE 4 OF 9

Date Rec'd in Lab: 7/17/12

ALPHA Job #: L1212707

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Serial_No:0817120

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 7/31/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State / Fed Program Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

Project-specific EDD. Homogenize before analysis

SAMPLE HANDLING

Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: ~~Hydrocarbons~~	~~Low VOC~~	~~Sugar, Tetrachloride, PCB~~	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
-10	S-12L-B009-15.0-15.5	7/16/12	1745	SE	DGS		X				2
-10	S-12L-B009-15.0-15.5							X		All 3 analyses	1
-10	S-12L-B009-15.0-15.5								X	Archive	1
-11	S-12L-B009-19.0-19.5		1810			X					1
-11	S-12L-B009-19.0-19.5						X				2
-11	S-12L-B009-19.0-19.5							X		All 3 analyses	
-11	S-12L-B009-19.0-19.5								X	Archive	
-12	S-12L-B009-21.5-22.0					X					
-12	S-12L-B009-21.5-22.0						X				
-12	S-12L-B009-21.5-22.0							X		All 3 analyses	

Container Type	V	~~A~~ V	A	A
Preservative	F	0	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	7/17/12 1645	[signature]	7/17/12 1645
[signature]	7/17/12 19:20	[signature]	7/17/12 19:20
[signature]	7/17/12 22:30	[signature]	7/18/12 7:20
[signature]	7/18/12 830	[signature]	7/18/12 0830

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Delivery Order ... -05 ... 013
D-136
Segment Boring Collection and Analysis
Off the Former Aerovox Site Property Shoreline
W912WJ-09-D-0001

CHAIN OF CUSTODY

PAGE 5 OF 9

Date Rec'd in Lab: 7/17/12

ALPHA Job #: L1212707

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Serial No: 0817120

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 7/31/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:
If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
Project-specific EDD. Homogenize before sampling

ANALYSIS: ~~High VOC~~ | ~~Low VOC~~ | ~~SVOC, total solids, PCB~~ | PCB Congeners (Archive)

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID (7/17/12)	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
12707-12-10	S-12L-B009-21.5-22.0	7/16/12	1810	SE	DGS				X	Archive	1
-13-10	S-12L-B008-0.5-1.0	7/17/12	0815			X				ASB-8	1
-13-10	S-12L-B008-0.5-1.0						X				2
-13	S-12L-B008-0.5-1.0							X		All 3 analyses	1
-13	S-12L-B008-0.5-1.0 DGS REP								X	Archive	
-14	S-12L-B008-0.5-1.0 REP					X				REP	
-14	S-12L-B008-0.5-1.0 REP						X			REP	
-14	S-12L-B008-0.5-1.0 REP							X		REP, All 3 analyses	
-14	S-12L-B008-0.5-1.0 REP								X	REP, Archive	
-15	S-12L-B008-1.5-2.0					X					

Container Type	V	V	A	A
Preservative	F	O	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Dave Walsh	7/17/12 1645	[signature]	7/17/12 1645
[signature]	7/17/12 19:20	[signature]	7/17/12 19:20
[signature]	7/17/12 22:30	Pat Cole	7/18/12 726
Pat Cole	7/18/12 0830	[signature]	7/18/12 0830

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Sediment Boring Collection and Analysis
Off the Former Aerovox Site Property Shoreline
W912WJ-09-D-0001

MANSFIELD CHAIN OF CUSTODY

PAGE 6 OF 9

Date Rec'd in Lab: 7/17/12

ALPHA Job #: L1212707

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Serial_No:0817120

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 7/31/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State / Fed Program Criteria

Other Project Specific Requirements/Comments/Detection Limits:
Project-Specific EDD, Homogenize before analysis

PLEASE NOTE
MS/MSD (at unit cost) will be omitted unless you check here: ☐

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	~~High VOC~~	~~Low VOC~~	~~SVOC, Total Solid, Trip Acceptor~~	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
12707-15	S-12L-B008-1.5-2.0	7/17/12	0815	SE	DGS		X				2
-15	S-12L-B008-1.5-2.0							X		All 3 analyses	1
-15	S-12L-B008-1.5-2.0								X	Archive	1
-16	S-12L-B008-3.0-3.5					X					
-16	S-12L-B008-3.0-3.5						X				
-16	S-12L-B008-3.0-3.5							X		All 3 analyses	
-16	S-12L-B008-3.0-3.5								X	Archive	
-17	S-12L-B008-6.0-6.5		0830			X					
-17	S-12L-B008-6.0-6.5						X				
-17	S-12L-B008-6.0-6.5							X		All 3 analyses	

Container Type	V	V	A	A
Preservative	F	O	A	A

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	7/17/12 1645	[signature]	7/17/12 1645
[signature]	7/17/12 19120	[signature]	7/17/12 19120
[signature]	7/17/12 22530	Pat Cole	7/18/12 720
Pat Cole	7/18/12 0830	[signature]	7/18/12 0830

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 101-09 (rev. 27-SEP-10)

Document Boring Collection and Analysis
Off the Former Aerovox Site Property Shoreline
W912WJ-09-D-0001

MANSFIELD CHAIN OF CUSTODY

PAGE 7 OF 9

Date Rec'd in Lab: 7/17/12

ALPHA Job #: L1212707

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM
Serial No: 07120

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford, Aerovox
Project Location: New Bedford, MA
Project #: DGS ~~T0 100~~ T0-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 7/31/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program | Criteria

Other Project Specific Requirements/Comments/Detection Limits:
Project-Specific EDD. Homogenize before analysis

PLEASE NOTE
MS/MSD (at unit cost) will be omitted unless you check here: ☐

ANALYSIS: PCB Congeners (Archive) | Silver, Tin, Total Solids, Grain Size | Lead | Mercury

SAMPLE HANDLING
Filtration
☐ Done ☐ Not needed ☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	PCB Congeners (Archive)	Silver, Tin, Total Solids, Grain Size	Lead	Mercury	Sample Specific Comments	TOTAL # BOTTLES
12707-17	S-12L-B008-6.0-6.5	7/17/12	0830	SE	DGS	X				Archive	1
-18	S-12L-B008-7.5-8.0						X				1
-18	S-12L-B008-7.5-8.0							X			2
-18	S-12L-B008-7.5-8.0							X		All 3 analyses	
-18	S-12L-B008-7.5-8.0					X				Archive	
-19	EB-071712-01		0900	SW	DRW					Equip blank ASB-8	2
-19	EB-071712-01		0900					X		Equip blank, SVOC + Aroclor	
-20	EB-071712-02		1115						X	Equip blank - ASB-10	2
-20	EB-071712-02		1115					X		Equip blank, SVOC + Aroclor	
-21	S-12L-B008-11.0-11.5		0855	SE	DGS	X					1

Container Type	V	V	A	A
Preservative	F	O	A	A

Relinquished By:	Date/Time	Received By:	Date/Time
Dave Walsh	7/17/12 1645	T. Huddleston	7/17/12 1645
T. Huddleston	7/17/12 1920	Pat Cerce	7/17/12 1920
Pat Cerce	7/17/12 2210		7/17/12 2210
Pat Cerce	7/18/12 0830		7/18/12 0830

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 101-09 (rev. 27-SEP-10)

Sediment Boring Collection and Analysis Off the Former Aerovox Site Property Shoreline W912WJ-09-D-0001

CHAIN OF CUSTODY

PAGE 8 OF 9

Date Rec'd in Lab: 7/17/12

ALPHA Job #: L1212707

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr.
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Serial_No:0817120[illegible]6

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 7/31/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State Fed Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
Project specific EDD. Homogenize before analysis

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	~~High VOC~~	~~Low VOC~~	~~SVOC, Total Solids, Metals~~	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
12707-21	S-12L-B008-11.0-11.5	7/17/12	0855	SE	DGS		X				2
-21	S-12L-B008-11.0-11.5							X		All 3 analyses	1
-21	S-12L-B008-11.0-11.5								X		1
-21	S-12L-B008-11.0-11.5 MSMSD					X				MSMSD	1
-21	S-12L-B008-11.0-11.5 MSMSD						X			MSMSD	1
-21	S-12L-B008-11.0-11.5 MSMSD							X		MSMSD, All 3 analyses	1
-21	S-12L-B008-11.0-11.5 MSMSD								X	MSMSD, Archive	1
-22	S-12L-B008-16.5-17.0		0925			X					
-22	S-12L-B008-16.5-17.0						X				
-22	S-12L-B008-16.5-17.0							X		All 3 analyses	

Container Type	V	V	A	A
Preservative	F	O	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	7/17/12 1645	[signature]	7/17/12 1645
[signature]	7/17/12 19:20	[signature]	7/17/12 19:20
[signature]	7/17/12 22:30	[signature]	7/18/12 720
[signature]	7/18/12 0830	[signature]	7/18/12 0830

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Sediment Boring Collection and Analysis
Off the Former Aerovox Site Property Shoreline
W912WJ-09-D-0001

D-137

Del Order [illegible]-05 [illegible]013

CHAIN OF CUSTODY

PAGE 9 OF 9

Date Rec'd in Lab: 7/17/12

ALPHA Job #: L1212707

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Serial_No:081712

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 7/31/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

Project-Specific EDD. Homogenize before analysis

ANALYSIS: ~~High VOC~~ ~~Low VOC~~ ~~Silica, Total Silica, PCB Congeners~~ PCB Congeners (Archive)

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	Silica, Total Silica, PCB Congeners	PCB Congeners (Archive)	Sample Specific Comments
12707-22	S-12L-B008-16.5-17.0	7/17/12	0925	SE	DGS				X	Archive
-23	S-12L-B008-21.0-21.5		0955			X				
-23	S-12L-B008-21.0-21.5						X			
-23	S-12L-B008-21.0-21.5							X		All 3 analyses
-23	S-12L-B008-21.0-21.5								X	Archive
-24	S-12L-B008-22.2-22.7					X				
-24	S-12L-B008-22.2-22.7						X			
-24	S-12L-B008-22.2-22.7							X		All 3 analyses
-24	S-12L-B008-22.2-22.7								X	Archive

Container Type	V	V	A	A
Preservative	F	O	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Dave Walsh	7/17/12 1645	T. Hudson	7/17/12 1645
T. Hudson	7/17/12 19:20	[illegible]	7/17/12 19:20
[illegible]	7/17/12 22:30	Pat Cline	7/18/12 720
Pat Cline	7/18/12 830	[illegible]	7/18/12 0830

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Sediment Boring Collection and Analysis
Off the Former Aerovox Site Property Shoreline
W912WJ-09-D-0001

D-137

ANALYTICAL REPORT

Lab Number:	L1212822
Client:	Woods Hole Group 81 Technology Park Drive East Falmouth, MA 02536
ATTN:	Dave Walsh
Phone:	(508) 540-8080
Project Name:	NEW BEDFORD AEROVOX
Project Number:	TO-0010-05
Report Date:	08/16/12

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212822
Report Date: 08/16/12

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1212822-01	TB-071812-01	NEW BEDFORD, MA	07/16/12 11:00
L1212822-02	TB-071812-02	NEW BEDFORD, MA	07/18/12 07:15
L1212822-03	S-12L-B010-0.2-0.7	NEW BEDFORD, MA	07/17/12 10:50
L1212822-04	S-12L-B010-1.0-1.5	NEW BEDFORD, MA	07/17/12 10:50
L1212822-05	EB-071712-03	NEW BEDFORD, MA	07/17/12 16:00
L1212822-06	S-12L-B010-2.5-3.0	NEW BEDFORD, MA	07/17/12 10:50
L1212822-07	S-12L-B010-2.5-3.0 REP	NEW BEDFORD, MA	07/17/12 10:50
L1212822-08	S-12L-B010-4.0-4.5	NEW BEDFORD, MA	07/17/12 11:20
L1212822-09	S-12L-B010-6.5-7.0	NEW BEDFORD, MA	07/17/12 11:20
L1212822-10	S-12L-B010-9.0-9.5	NEW BEDFORD, MA	07/17/12 11:35
L1212822-11	S-12L-B010-11.0-11.5	NEW BEDFORD, MA	07/17/12 11:35
L1212822-12	S-12L-B010-14.0-14.5	NEW BEDFORD, MA	07/17/12 12:20
L1212822-13	S-12L-B010-15.8-16.3	NEW BEDFORD, MA	07/17/12 12:20
L1212822-14	S-12L-B010-20.0-20.5	NEW BEDFORD, MA	07/17/12 13:00
L1212822-15	S-12L-B010-21-.5-22.0	NEW BEDFORD, MA	07/17/12 13:00
L1212822-16	S-12L-B010-22.7-23.2	NEW BEDFORD, MA	07/17/12 13:00
L1212822-17	EB-071812-01	NEW BEDFORD, MA	07/18/12 08:15
L1212822-18	S-12L-B005-6.0-6.5	NEW BEDFORD, MA	07/14/12 11:00
L1212822-19	S-12L-B005-7.5-8.0	NEW BEDFORD, MA	07/14/12 11:00
L1212822-20	S-12L-B005-10.5-11.0	NEW BEDFORD, MA	07/14/12 12:10
L1212822-21	S-12L-B005-15.2-15.7	NEW BEDFORD, MA	07/14/12 12:40
L1212822-22	S-12L-B005-16.5-17.0	NEW BEDFORD, MA	07/14/12 12:40
L1212822-23	S-12L-B005-18.0-18.5	NEW BEDFORD, MA	07/14/12 12:40
L1212822-24	S-12L-B005-19.0-19.5	NEW BEDFORD, MA	07/14/12 12:40
L1212822-25	S-12L-B005-21.0-21.5	NEW BEDFORD, MA	07/14/12 13:20
L1212822-26	S-12L-B011-0.2-0.7	NEW BEDFORD, MA	07/17/12 15:30
L1212822-27	S-12L-B011-2.0-2.5	NEW BEDFORD, MA	07/17/12 15:30
L1212822-28	S-12L-B011-2.0-2.5 REP	NEW BEDFORD, MA	07/17/12 15:30
L1212822-29	TB-071812-03	NEW BEDFORD, MA	07/18/12 07:15

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822
Project Number: TO-0010-05 **Report Date:** 08/16/12

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples free of charge for 30 days from the date the project is completed. After 30 days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples.

Please contact Client Services at 800-624-9220 with any questions.

Project Name:	NEW BEDFORD AEROVOX	**Lab Number:**	L1212822
Project Number:	TO-0010-05	**Report Date:**	08/16/12

Case Narrative (continued)

Report Submission

This report replaces the report issued on August 2, 2012.

- The QC analyte lists match the samples for Volatile and Semivolatile Organics analyses.
- The PCB results now report surrogate recoveries from one column.

Sample Receipt

Sample storage prior to receipt at Alpha Analytical is detailed in a document attached to the end of the report.

Volatile Organics

L1212822-09, -13, and -15 were analyzed as a High Level Methanols in order to quantitate the samples within the calibration range. The results of both analyses are reported.

L1212822-19: The high level analysis has a reportable hit; however, it was below typical high level analysis criteria. The sample was also analyzed as a low level soil outside of holding time. Both analyses are being reported.

Semivolatile Organics

L1212822-04, -07, and -10 have elevated detection limits due to the dilutions required by the sample matrices.

L1212822-06 has elevated detection limits due to the dilution required by the matrix interferences encountered during the concentration of the sample and the analytical dilution required by the sample matrix.

PCBs

L1212822-26 has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

The surrogate recoveries for L1212822-03 and -26 are below the acceptance criteria for 2,4,5,6-Tetrachloro-m-xylene and Decachlorobiphenyl (all 0%) due to the dilutions required to quantitate the samples. Re-extraction was not required; therefore, the results of the original analyses are reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Cynthia McQueen

Title: Technical Director/Representative Date: 08/16/12

ORGANICS

VOLATILES

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-01	Date Collected:	07/16/12 11:00
Client ID:	TB-071812-01	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	1,8260B		
Analytical Date:	07/27/12 17:07		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	1
1,1-Dichloroethane	ND		ug/l	0.75	--	1
Chloroform	ND		ug/l	0.75	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	1.8	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.75	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
Trichlorofluoromethane	ND		ug/l	2.5	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.75	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	1.0	--	1
Vinyl chloride	ND		ug/l	1.0	--	1
Chloroethane	ND		ug/l	1.0	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	2.5	--	1
1,3-Dichlorobenzene	ND		ug/l	2.5	--	1
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
Methyl tert butyl ether	ND		ug/l	1.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-01 Date Collected: 07/16/12 11:00

Client ID: TB-071812-01 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/l	1.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
Xylenes, Total	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1
1,2-Dibromoethane	ND		ug/l	2.0	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1
Methyl Acetate	ND		ug/l	10	--	1
Cyclohexane	ND		ug/l	10	--	1
1,4-Dioxane	ND		ug/l	250	--	1
Freon-113	ND		ug/l	10	--	1
Methyl cyclohexane	ND		ug/l	10	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	98		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-02	Date Collected:	07/18/12 07:15
Client ID:	TB-071812-02	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/26/12 16:10		
Analyst:	BN		
Percent Solids:	Results reported on an 'AS RECEIVED' basis.		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	500	--	1
1,1-Dichloroethane	ND		ug/kg	100	--	1
Chloroform	ND		ug/kg	100	--	1
Carbon tetrachloride	ND		ug/kg	100	--	1
1,2-Dichloropropane	ND		ug/kg	200	--	1
Dibromochloromethane	ND		ug/kg	100	--	1
1,1,2-Trichloroethane	ND		ug/kg	100	--	1
Tetrachloroethene	ND		ug/kg	100	--	1
Chlorobenzene	ND		ug/kg	100	--	1
Trichlorofluoromethane	ND		ug/kg	250	--	1
1,2-Dichloroethane	ND		ug/kg	100	--	1
1,1,1-Trichloroethane	ND		ug/kg	100	--	1
Bromodichloromethane	ND		ug/kg	100	--	1
trans-1,3-Dichloropropene	ND		ug/kg	100	--	1
cis-1,3-Dichloropropene	ND		ug/kg	100	--	1
Bromoform	ND		ug/kg	200	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	100	--	1
Benzene	ND		ug/kg	100	--	1
Toluene	ND		ug/kg	100	--	1
Ethylbenzene	ND		ug/kg	100	--	1
Chloromethane	ND		ug/kg	250	--	1
Bromomethane	ND		ug/kg	100	--	1
Vinyl chloride	ND		ug/kg	100	--	1
Chloroethane	ND		ug/kg	100	--	1
1,1-Dichloroethene	ND		ug/kg	100	--	1
trans-1,2-Dichloroethene	ND		ug/kg	100	--	1
Trichloroethene	ND		ug/kg	100	--	1
1,2-Dichlorobenzene	ND		ug/kg	250	--	1
1,3-Dichlorobenzene	ND		ug/kg	250	--	1
1,4-Dichlorobenzene	ND		ug/kg	250	--	1
Methyl tert butyl ether	ND		ug/kg	100	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-02 Date Collected: 07/18/12 07:15

Client ID: TB-071812-02 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	200	--	1
o-Xylene	ND		ug/kg	200	--	1
Xylenes, Total	ND		ug/kg	200	--	1
cis-1,2-Dichloroethene	ND		ug/kg	100	--	1
Styrene	ND		ug/kg	200	--	1
Dichlorodifluoromethane	ND		ug/kg	500	--	1
Acetone	ND		ug/kg	1800	--	1
Carbon disulfide	ND		ug/kg	500	--	1
2-Butanone	ND		ug/kg	500	--	1
4-Methyl-2-pentanone	ND		ug/kg	500	--	1
2-Hexanone	ND		ug/kg	500	--	1
Bromochloromethane	ND		ug/kg	250	--	1
1,2-Dibromoethane	ND		ug/kg	200	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	--	1
Isopropylbenzene	ND		ug/kg	100	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	250	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	250	--	1
Methyl Acetate	ND		ug/kg	1000	--	1
Cyclohexane	ND		ug/kg	1000	--	1
1,4-Dioxane	ND		ug/kg	5000	--	1
Methyl cyclohexane	ND		ug/kg	200	--	1
Freon-113	ND		ug/kg	1000	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	97		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-03	Date Collected:	07/17/12 10:50
Client ID:	S-12L-B010-0.2-0.7	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/25/12 17:43		
Analyst:	PP		
Percent Solids:	34%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	4500	--	1
1,1-Dichloroethane	ND		ug/kg	890	--	1
Chloroform	ND		ug/kg	890	--	1
Carbon tetrachloride	ND		ug/kg	890	--	1
1,2-Dichloropropane	ND		ug/kg	1800	--	1
Dibromochloromethane	ND		ug/kg	890	--	1
1,1,2-Trichloroethane	ND		ug/kg	890	--	1
Tetrachloroethene	ND		ug/kg	890	--	1
Chlorobenzene	ND		ug/kg	890	--	1
Trichlorofluoromethane	ND		ug/kg	2200	--	1
1,2-Dichloroethane	ND		ug/kg	890	--	1
1,1,1-Trichloroethane	ND		ug/kg	890	--	1
Bromodichloromethane	ND		ug/kg	890	--	1
trans-1,3-Dichloropropene	ND		ug/kg	890	--	1
cis-1,3-Dichloropropene	ND		ug/kg	890	--	1
Bromoform	ND		ug/kg	1800	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	890	--	1
Benzene	ND		ug/kg	890	--	1
Toluene	ND		ug/kg	890	--	1
Ethylbenzene	ND		ug/kg	890	--	1
Chloromethane	ND		ug/kg	2200	--	1
Bromomethane	ND		ug/kg	890	--	1
Vinyl chloride	4500		ug/kg	890	--	1
Chloroethane	ND		ug/kg	890	--	1
1,1-Dichloroethene	ND		ug/kg	890	--	1
trans-1,2-Dichloroethene	ND		ug/kg	890	--	1
Trichloroethene	ND		ug/kg	890	--	1
1,2-Dichlorobenzene	ND		ug/kg	2200	--	1
1,3-Dichlorobenzene	ND		ug/kg	2200	--	1
1,4-Dichlorobenzene	ND		ug/kg	2200	--	1
Methyl tert butyl ether	ND		ug/kg	890	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-03 Date Collected: 07/17/12 10:50

Client ID: S-12L-B010-0.2-0.7 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	1800	--	1
o-Xylene	ND		ug/kg	1800	--	1
Xylenes, Total	ND		ug/kg	1800	--	1
cis-1,2-Dichloroethene	5100		ug/kg	890	--	1
Styrene	ND		ug/kg	1800	--	1
Dichlorodifluoromethane	ND		ug/kg	4500	--	1
Acetone	ND		ug/kg	16000	--	1
Carbon disulfide	ND		ug/kg	4500	--	1
2-Butanone	ND		ug/kg	4500	--	1
4-Methyl-2-pentanone	ND		ug/kg	4500	--	1
2-Hexanone	ND		ug/kg	4500	--	1
Bromochloromethane	ND		ug/kg	2200	--	1
1,2-Dibromoethane	ND		ug/kg	1800	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2200	--	1
Isopropylbenzene	ND		ug/kg	890	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	2200	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	2200	--	1
Methyl Acetate	ND		ug/kg	8900	--	1
Cyclohexane	ND		ug/kg	8900	--	1
1,4-Dioxane	ND		ug/kg	45000	--	1
Methyl cyclohexane	ND		ug/kg	1800	--	1
Freon-113	ND		ug/kg	8900	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	112		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	93		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-04 D
Client ID: S-12L-B010-1.0-1.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment
Analytical Method: 1,8260B
Analytical Date: 07/25/12 18:10
Analyst: PP
Percent Solids: 12%

Date Collected: 07/17/12 10:50
Date Received: 07/18/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	43000	--	4
1,1-Dichloroethane	ND		ug/kg	8600	--	4
Chloroform	ND		ug/kg	8600	--	4
Carbon tetrachloride	ND		ug/kg	8600	--	4
1,2-Dichloropropane	ND		ug/kg	17000	--	4
Dibromochloromethane	ND		ug/kg	8600	--	4
1,1,2-Trichloroethane	ND		ug/kg	8600	--	4
Tetrachloroethene	ND		ug/kg	8600	--	4
Chlorobenzene	ND		ug/kg	8600	--	4
Trichlorofluoromethane	ND		ug/kg	22000	--	4
1,2-Dichloroethane	ND		ug/kg	8600	--	4
1,1,1-Trichloroethane	ND		ug/kg	8600	--	4
Bromodichloromethane	ND		ug/kg	8600	--	4
trans-1,3-Dichloropropene	ND		ug/kg	8600	--	4
cis-1,3-Dichloropropene	ND		ug/kg	8600	--	4
Bromoform	ND		ug/kg	17000	--	4
1,1,2,2-Tetrachloroethane	ND		ug/kg	8600	--	4
Benzene	ND		ug/kg	8600	--	4
Toluene	ND		ug/kg	8600	--	4
Ethylbenzene	ND		ug/kg	8600	--	4
Chloromethane	ND		ug/kg	22000	--	4
Bromomethane	ND		ug/kg	8600	--	4
Vinyl chloride	49000		ug/kg	8600	--	4
Chloroethane	ND		ug/kg	8600	--	4
1,1-Dichloroethene	ND		ug/kg	8600	--	4
trans-1,2-Dichloroethene	ND		ug/kg	8600	--	4
Trichloroethene	ND		ug/kg	8600	--	4
1,2-Dichlorobenzene	ND		ug/kg	22000	--	4
1,3-Dichlorobenzene	ND		ug/kg	22000	--	4
1,4-Dichlorobenzene	ND		ug/kg	22000	--	4
Methyl tert butyl ether	ND		ug/kg	8600	--	4

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-04 D Date Collected: 07/17/12 10:50

Client ID: S-12L-B010-1.0-1.5 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	17000	--	4
o-Xylene	ND		ug/kg	17000	--	4
Xylenes, Total	ND		ug/kg	17000	--	4
cis-1,2-Dichloroethene	420000		ug/kg	8600	--	4
Styrene	ND		ug/kg	17000	--	4
Dichlorodifluoromethane	ND		ug/kg	43000	--	4
Acetone	ND		ug/kg	160000	--	4
Carbon disulfide	ND		ug/kg	43000	--	4
2-Butanone	ND		ug/kg	43000	--	4
4-Methyl-2-pentanone	ND		ug/kg	43000	--	4
2-Hexanone	ND		ug/kg	43000	--	4
Bromochloromethane	ND		ug/kg	22000	--	4
1,2-Dibromoethane	ND		ug/kg	17000	--	4
1,2-Dibromo-3-chloropropane	ND		ug/kg	22000	--	4
Isopropylbenzene	ND		ug/kg	8600	--	4
1,2,3-Trichlorobenzene	33000		ug/kg	22000	--	4
1,2,4-Trichlorobenzene	140000		ug/kg	22000	--	4
Methyl Acetate	ND		ug/kg	86000	--	4
Cyclohexane	ND		ug/kg	86000	--	4
1,4-Dioxane	ND		ug/kg	430000	--	4
Methyl cyclohexane	ND		ug/kg	17000	--	4
Freon-113	ND		ug/kg	86000	--	4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	113		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	95		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-05	Date Collected:	07/17/12 16:00
Client ID:	EB-071712-03	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	1,8260B		
Analytical Date:	07/27/12 17:32		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	1
1,1-Dichloroethane	ND		ug/l	0.75	--	1
Chloroform	ND		ug/l	0.75	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	1.8	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.75	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
Trichlorofluoromethane	ND		ug/l	2.5	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.75	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	1.0	--	1
Vinyl chloride	ND		ug/l	1.0	--	1
Chloroethane	ND		ug/l	1.0	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	2.5	--	1
1,3-Dichlorobenzene	ND		ug/l	2.5	--	1
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
Methyl tert butyl ether	ND		ug/l	1.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-05 Date Collected: 07/17/12 16:00

Client ID: EB-071712-03 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/l	1.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
Xylenes, Total	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1
1,2-Dibromoethane	ND		ug/l	2.0	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1
Methyl Acetate	ND		ug/l	10	--	1
Cyclohexane	ND		ug/l	10	--	1
1,4-Dioxane	ND		ug/l	250	--	1
Freon-113	ND		ug/l	10	--	1
Methyl cyclohexane	ND		ug/l	10	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	97		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-06 D
Client ID: S-12L-B010-2.5-3.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment
Analytical Method: 1,8260B
Analytical Date: 07/25/12 22:49
Analyst: JL
Percent Solids: 54%

Date Collected: 07/17/12 10:50
Date Received: 07/18/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	9600	--	4
1,1-Dichloroethane	ND		ug/kg	1900	--	4
Chloroform	ND		ug/kg	1900	--	4
Carbon tetrachloride	ND		ug/kg	1900	--	4
1,2-Dichloropropane	ND		ug/kg	3800	--	4
Dibromochloromethane	ND		ug/kg	1900	--	4
1,1,2-Trichloroethane	ND		ug/kg	1900	--	4
Tetrachloroethene	ND		ug/kg	1900	--	4
Chlorobenzene	ND		ug/kg	1900	--	4
Trichlorofluoromethane	ND		ug/kg	4800	--	4
1,2-Dichloroethane	ND		ug/kg	1900	--	4
1,1,1-Trichloroethane	ND		ug/kg	1900	--	4
Bromodichloromethane	ND		ug/kg	1900	--	4
trans-1,3-Dichloropropene	ND		ug/kg	1900	--	4
cis-1,3-Dichloropropene	ND		ug/kg	1900	--	4
Bromoform	ND		ug/kg	3800	--	4
1,1,2,2-Tetrachloroethane	ND		ug/kg	1900	--	4
Benzene	ND		ug/kg	1900	--	4
Toluene	ND		ug/kg	1900	--	4
Ethylbenzene	ND		ug/kg	1900	--	4
Chloromethane	ND		ug/kg	4800	--	4
Bromomethane	ND		ug/kg	1900	--	4
Vinyl chloride	4400		ug/kg	1900	--	4
Chloroethane	ND		ug/kg	1900	--	4
1,1-Dichloroethene	ND		ug/kg	1900	--	4
trans-1,2-Dichloroethene	ND		ug/kg	1900	--	4
Trichloroethene	ND		ug/kg	1900	--	4
1,2-Dichlorobenzene	ND		ug/kg	4800	--	4
1,3-Dichlorobenzene	ND		ug/kg	4800	--	4
1,4-Dichlorobenzene	ND		ug/kg	4800	--	4
Methyl tert butyl ether	ND		ug/kg	1900	--	4

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-06 D Date Collected: 07/17/12 10:50

Client ID: S-12L-B010-2.5-3.0 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	3800	--	4
o-Xylene	ND		ug/kg	3800	--	4
Xylenes, Total	ND		ug/kg	3800	--	4
cis-1,2-Dichloroethene	70000		ug/kg	1900	--	4
Styrene	ND		ug/kg	3800	--	4
Dichlorodifluoromethane	ND		ug/kg	9600	--	4
Acetone	ND		ug/kg	35000	--	4
Carbon disulfide	ND		ug/kg	9600	--	4
2-Butanone	ND		ug/kg	9600	--	4
4-Methyl-2-pentanone	ND		ug/kg	9600	--	4
2-Hexanone	ND		ug/kg	9600	--	4
Bromochloromethane	ND		ug/kg	4800	--	4
1,2-Dibromoethane	ND		ug/kg	3800	--	4
1,2-Dibromo-3-chloropropane	ND		ug/kg	4800	--	4
Isopropylbenzene	ND		ug/kg	1900	--	4
1,2,3-Trichlorobenzene	ND		ug/kg	4800	--	4
1,2,4-Trichlorobenzene	7300		ug/kg	4800	--	4
Methyl Acetate	ND		ug/kg	19000	--	4
Cyclohexane	ND		ug/kg	19000	--	4
1,4-Dioxane	ND		ug/kg	96000	--	4
Methyl cyclohexane	ND		ug/kg	3800	--	4
Freon-113	ND		ug/kg	19000	--	4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	113		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	95		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-07 D
Client ID: S-12L-B010-2.5-3.0 REP
Sample Location: NEW BEDFORD, MA
Matrix: Sediment
Analytical Method: 1,8260B
Analytical Date: 07/25/12 23:17
Analyst: JL
Percent Solids: 43%

Date Collected: 07/17/12 10:50
Date Received: 07/18/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	12000	--	5
1,1-Dichloroethane	ND		ug/kg	2500	--	5
Chloroform	ND		ug/kg	2500	--	5
Carbon tetrachloride	ND		ug/kg	2500	--	5
1,2-Dichloropropane	ND		ug/kg	5000	--	5
Dibromochloromethane	ND		ug/kg	2500	--	5
1,1,2-Trichloroethane	ND		ug/kg	2500	--	5
Tetrachloroethene	ND		ug/kg	2500	--	5
Chlorobenzene	ND		ug/kg	2500	--	5
Trichlorofluoromethane	ND		ug/kg	6300	--	5
1,2-Dichloroethane	ND		ug/kg	2500	--	5
1,1,1-Trichloroethane	ND		ug/kg	2500	--	5
Bromodichloromethane	ND		ug/kg	2500	--	5
trans-1,3-Dichloropropene	ND		ug/kg	2500	--	5
cis-1,3-Dichloropropene	ND		ug/kg	2500	--	5
Bromoform	ND		ug/kg	5000	--	5
1,1,2,2-Tetrachloroethane	ND		ug/kg	2500	--	5
Benzene	ND		ug/kg	2500	--	5
Toluene	ND		ug/kg	2500	--	5
Ethylbenzene	ND		ug/kg	2500	--	5
Chloromethane	ND		ug/kg	6300	--	5
Bromomethane	ND		ug/kg	2500	--	5
Vinyl chloride	9100		ug/kg	2500	--	5
Chloroethane	ND		ug/kg	2500	--	5
1,1-Dichloroethene	ND		ug/kg	2500	--	5
trans-1,2-Dichloroethene	ND		ug/kg	2500	--	5
Trichloroethene	ND		ug/kg	2500	--	5
1,2-Dichlorobenzene	ND		ug/kg	6300	--	5
1,3-Dichlorobenzene	ND		ug/kg	6300	--	5
1,4-Dichlorobenzene	ND		ug/kg	6300	--	5
Methyl tert butyl ether	ND		ug/kg	2500	--	5

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-07 D Date Collected: 07/17/12 10:50

Client ID: S-12L-B010-2.5-3.0 REP Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	5000	--	5
o-Xylene	ND		ug/kg	5000	--	5
Xylenes, Total	ND		ug/kg	5000	--	5
cis-1,2-Dichloroethene	110000		ug/kg	2500	--	5
Styrene	ND		ug/kg	5000	--	5
Dichlorodifluoromethane	ND		ug/kg	12000	--	5
Acetone	ND		ug/kg	45000	--	5
Carbon disulfide	ND		ug/kg	12000	--	5
2-Butanone	ND		ug/kg	12000	--	5
4-Methyl-2-pentanone	ND		ug/kg	12000	--	5
2-Hexanone	ND		ug/kg	12000	--	5
Bromochloromethane	ND		ug/kg	6300	--	5
1,2-Dibromoethane	ND		ug/kg	5000	--	5
1,2-Dibromo-3-chloropropane	ND		ug/kg	6300	--	5
Isopropylbenzene	ND		ug/kg	2500	--	5
1,2,3-Trichlorobenzene	ND		ug/kg	6300	--	5
1,2,4-Trichlorobenzene	12000		ug/kg	6300	--	5
Methyl Acetate	ND		ug/kg	25000	--	5
Cyclohexane	ND		ug/kg	25000	--	5
1,4-Dioxane	ND		ug/kg	120000	--	5
Methyl cyclohexane	ND		ug/kg	5000	--	5
Freon-113	ND		ug/kg	25000	--	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	112		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	95		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-08	Date Collected:	07/17/12 11:20
Client ID:	S-12L-B010-4.0-4.5	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/24/12 14:11		
Analyst:	BN		
Percent Solids:	94%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	11	--	1
1,1-Dichloroethane	ND		ug/kg	2.3	--	1
Chloroform	ND		ug/kg	2.3	--	1
Carbon tetrachloride	ND		ug/kg	2.3	--	1
1,2-Dichloropropane	ND		ug/kg	4.5	--	1
Dibromochloromethane	ND		ug/kg	2.3	--	1
1,1,2-Trichloroethane	ND		ug/kg	2.3	--	1
Tetrachloroethene	2.6		ug/kg	2.3	--	1
Chlorobenzene	ND		ug/kg	2.3	--	1
Trichlorofluoromethane	ND		ug/kg	5.6	--	1
1,2-Dichloroethane	ND		ug/kg	2.3	--	1
1,1,1-Trichloroethane	ND		ug/kg	2.3	--	1
Bromodichloromethane	ND		ug/kg	2.3	--	1
trans-1,3-Dichloropropene	ND		ug/kg	2.3	--	1
cis-1,3-Dichloropropene	ND		ug/kg	2.3	--	1
Bromoform	ND		ug/kg	4.5	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.3	--	1
Benzene	ND		ug/kg	2.3	--	1
Toluene	ND		ug/kg	2.3	--	1
Ethylbenzene	ND		ug/kg	2.3	--	1
Chloromethane	ND		ug/kg	5.6	--	1
Bromomethane	ND		ug/kg	2.3	--	1
Vinyl chloride	ND		ug/kg	2.3	--	1
Chloroethane	ND		ug/kg	2.3	--	1
1,1-Dichloroethene	ND		ug/kg	2.3	--	1
trans-1,2-Dichloroethene	ND		ug/kg	2.3	--	1
Trichloroethene	28		ug/kg	2.3	--	1
1,2-Dichlorobenzene	ND		ug/kg	5.6	--	1
1,3-Dichlorobenzene	ND		ug/kg	5.6	--	1
1,4-Dichlorobenzene	ND		ug/kg	5.6	--	1
Methyl tert butyl ether	ND		ug/kg	2.3	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-08 Date Collected: 07/17/12 11:20

Client ID: S-12L-B010-4.0-4.5 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	4.5	--	1
o-Xylene	ND		ug/kg	4.5	--	1
Xylenes, Total	ND		ug/kg	4.5	--	1
cis-1,2-Dichloroethene	52		ug/kg	2.3	--	1
Styrene	ND		ug/kg	4.5	--	1
Dichlorodifluoromethane	ND		ug/kg	11	--	1
Acetone	ND		ug/kg	41	--	1
Carbon disulfide	ND		ug/kg	11	--	1
2-Butanone	ND		ug/kg	11	--	1
4-Methyl-2-pentanone	ND		ug/kg	11	--	1
2-Hexanone	ND		ug/kg	11	--	1
Bromochloromethane	ND		ug/kg	5.6	--	1
1,2-Dibromoethane	ND		ug/kg	4.5	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.6	--	1
Isopropylbenzene	ND		ug/kg	2.3	--	1
1,2,3-Trichlorobenzene	8.2		ug/kg	5.6	--	1
1,2,4-Trichlorobenzene	25		ug/kg	5.6	--	1
Methyl Acetate	ND		ug/kg	23	--	1
Cyclohexane	ND		ug/kg	23	--	1
1,4-Dioxane	ND		ug/kg	110	--	1
Methyl cyclohexane	ND		ug/kg	4.5	--	1
Freon-113	ND		ug/kg	23	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	99		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-09	Date Collected:	07/17/12 11:20
Client ID:	S-12L-B010-6.5-7.0	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/24/12 14:39		
Analyst:	BN		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	11	--	1
1,1-Dichloroethane	ND		ug/kg	2.1	--	1
Chloroform	ND		ug/kg	2.1	--	1
Carbon tetrachloride	ND		ug/kg	2.1	--	1
1,2-Dichloropropane	ND		ug/kg	4.3	--	1
Dibromochloromethane	ND		ug/kg	2.1	--	1
1,1,2-Trichloroethane	ND		ug/kg	2.1	--	1
Tetrachloroethene	4.4		ug/kg	2.1	--	1
Chlorobenzene	ND		ug/kg	2.1	--	1
Trichlorofluoromethane	ND		ug/kg	5.3	--	1
1,2-Dichloroethane	ND		ug/kg	2.1	--	1
1,1,1-Trichloroethane	ND		ug/kg	2.1	--	1
Bromodichloromethane	ND		ug/kg	2.1	--	1
trans-1,3-Dichloropropene	ND		ug/kg	2.1	--	1
cis-1,3-Dichloropropene	ND		ug/kg	2.1	--	1
Bromoform	ND		ug/kg	4.3	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.1	--	1
Benzene	ND		ug/kg	2.1	--	1
Toluene	ND		ug/kg	2.1	--	1
Ethylbenzene	ND		ug/kg	2.1	--	1
Chloromethane	ND		ug/kg	5.3	--	1
Bromomethane	ND		ug/kg	2.1	--	1
Vinyl chloride	14		ug/kg	2.1	--	1
Chloroethane	ND		ug/kg	2.1	--	1
1,1-Dichloroethene	ND		ug/kg	2.1	--	1
trans-1,2-Dichloroethene	6.3		ug/kg	2.1	--	1
Trichloroethene	140		ug/kg	2.1	--	1
1,2-Dichlorobenzene	ND		ug/kg	5.3	--	1
1,3-Dichlorobenzene	ND		ug/kg	5.3	--	1
1,4-Dichlorobenzene	ND		ug/kg	5.3	--	1
Methyl tert butyl ether	ND		ug/kg	2.1	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-09 Date Collected: 07/17/12 11:20

Client ID: S-12L-B010-6.5-7.0 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	4.3	--	1
o-Xylene	ND		ug/kg	4.3	--	1
Xylenes, Total	ND		ug/kg	4.3	--	1
cis-1,2-Dichloroethene	350	E	ug/kg	2.1	--	1
Styrene	ND		ug/kg	4.3	--	1
Dichlorodifluoromethane	ND		ug/kg	11	--	1
Acetone	ND		ug/kg	38	--	1
Carbon disulfide	ND		ug/kg	11	--	1
2-Butanone	ND		ug/kg	11	--	1
4-Methyl-2-pentanone	ND		ug/kg	11	--	1
2-Hexanone	ND		ug/kg	11	--	1
Bromochloromethane	ND		ug/kg	5.3	--	1
1,2-Dibromoethane	ND		ug/kg	4.3	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.3	--	1
Isopropylbenzene	ND		ug/kg	2.1	--	1
1,2,3-Trichlorobenzene	8.0		ug/kg	5.3	--	1
1,2,4-Trichlorobenzene	26		ug/kg	5.3	--	1
Methyl Acetate	ND		ug/kg	21	--	1
Cyclohexane	ND		ug/kg	21	--	1
1,4-Dioxane	ND		ug/kg	110	--	1
Methyl cyclohexane	ND		ug/kg	4.3	--	1
Freon-113	ND		ug/kg	21	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	97		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-09	Date Collected:	07/17/12 11:20
Client ID:	S-12L-B010-6.5-7.0	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/25/12 18:37		
Analyst:	PP		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	760	--	1
1,1-Dichloroethane	ND		ug/kg	150	--	1
Chloroform	ND		ug/kg	150	--	1
Carbon tetrachloride	ND		ug/kg	150	--	1
1,2-Dichloropropane	ND		ug/kg	300	--	1
Dibromochloromethane	ND		ug/kg	150	--	1
1,1,2-Trichloroethane	ND		ug/kg	150	--	1
Tetrachloroethene	ND		ug/kg	150	--	1
Chlorobenzene	ND		ug/kg	150	--	1
Trichlorofluoromethane	ND		ug/kg	380	--	1
1,2-Dichloroethane	ND		ug/kg	150	--	1
1,1,1-Trichloroethane	ND		ug/kg	150	--	1
Bromodichloromethane	ND		ug/kg	150	--	1
trans-1,3-Dichloropropene	ND		ug/kg	150	--	1
cis-1,3-Dichloropropene	ND		ug/kg	150	--	1
Bromoform	ND		ug/kg	300	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	150	--	1
Benzene	ND		ug/kg	150	--	1
Toluene	ND		ug/kg	150	--	1
Ethylbenzene	ND		ug/kg	150	--	1
Chloromethane	ND		ug/kg	380	--	1
Bromomethane	ND		ug/kg	150	--	1
Vinyl chloride	ND		ug/kg	150	--	1
Chloroethane	ND		ug/kg	150	--	1
1,1-Dichloroethene	ND		ug/kg	150	--	1
trans-1,2-Dichloroethene	ND		ug/kg	150	--	1
Trichloroethene	150		ug/kg	150	--	1
1,2-Dichlorobenzene	ND		ug/kg	380	--	1
1,3-Dichlorobenzene	ND		ug/kg	380	--	1
1,4-Dichlorobenzene	ND		ug/kg	380	--	1
Methyl tert butyl ether	ND		ug/kg	150	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-09 Date Collected: 07/17/12 11:20

Client ID: S-12L-B010-6.5-7.0 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	300	--	1
o-Xylene	ND		ug/kg	300	--	1
Xylenes, Total	ND		ug/kg	300	--	1
cis-1,2-Dichloroethene	340		ug/kg	150	--	1
Styrene	ND		ug/kg	300	--	1
Dichlorodifluoromethane	ND		ug/kg	760	--	1
Acetone	ND		ug/kg	2700	--	1
Carbon disulfide	ND		ug/kg	760	--	1
2-Butanone	ND		ug/kg	760	--	1
4-Methyl-2-pentanone	ND		ug/kg	760	--	1
2-Hexanone	ND		ug/kg	760	--	1
Bromochloromethane	ND		ug/kg	380	--	1
1,2-Dibromoethane	ND		ug/kg	300	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	380	--	1
Isopropylbenzene	ND		ug/kg	150	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	380	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	380	--	1
Methyl Acetate	ND		ug/kg	1500	--	1
Cyclohexane	ND		ug/kg	1500	--	1
1,4-Dioxane	ND		ug/kg	7600	--	1
Methyl cyclohexane	ND		ug/kg	300	--	1
Freon-113	ND		ug/kg	1500	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	111		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	94		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-10	Date Collected:	07/17/12 11:35
Client ID:	S-12L-B010-9.0-9.5	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/24/12 15:06		
Analyst:	BN		
Percent Solids:	93%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	17	--	1
1,1-Dichloroethane	ND		ug/kg	3.4	--	1
Chloroform	ND		ug/kg	3.4	--	1
Carbon tetrachloride	ND		ug/kg	3.4	--	1
1,2-Dichloropropane	ND		ug/kg	6.7	--	1
Dibromochloromethane	ND		ug/kg	3.4	--	1
1,1,2-Trichloroethane	ND		ug/kg	3.4	--	1
Tetrachloroethene	ND		ug/kg	3.4	--	1
Chlorobenzene	ND		ug/kg	3.4	--	1
Trichlorofluoromethane	ND		ug/kg	8.4	--	1
1,2-Dichloroethane	ND		ug/kg	3.4	--	1
1,1,1-Trichloroethane	ND		ug/kg	3.4	--	1
Bromodichloromethane	ND		ug/kg	3.4	--	1
trans-1,3-Dichloropropene	ND		ug/kg	3.4	--	1
cis-1,3-Dichloropropene	ND		ug/kg	3.4	--	1
Bromoform	ND		ug/kg	6.7	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	3.4	--	1
Benzene	ND		ug/kg	3.4	--	1
Toluene	ND		ug/kg	3.4	--	1
Ethylbenzene	ND		ug/kg	3.4	--	1
Chloromethane	ND		ug/kg	8.4	--	1
Bromomethane	ND		ug/kg	3.4	--	1
Vinyl chloride	ND		ug/kg	3.4	--	1
Chloroethane	ND		ug/kg	3.4	--	1
1,1-Dichloroethene	ND		ug/kg	3.4	--	1
trans-1,2-Dichloroethene	ND		ug/kg	3.4	--	1
Trichloroethene	9.2		ug/kg	3.4	--	1
1,2-Dichlorobenzene	ND		ug/kg	8.4	--	1
1,3-Dichlorobenzene	ND		ug/kg	8.4	--	1
1,4-Dichlorobenzene	ND		ug/kg	8.4	--	1
Methyl tert butyl ether	ND		ug/kg	3.4	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-10 Date Collected: 07/17/12 11:35

Client ID: S-12L-B010-9.0-9.5 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	6.7	--	1
o-Xylene	ND		ug/kg	6.7	--	1
Xylenes, Total	ND		ug/kg	6.7	--	1
cis-1,2-Dichloroethene	11		ug/kg	3.4	--	1
Styrene	ND		ug/kg	6.7	--	1
Dichlorodifluoromethane	ND		ug/kg	17	--	1
Acetone	ND		ug/kg	60	--	1
Carbon disulfide	ND		ug/kg	17	--	1
2-Butanone	ND		ug/kg	17	--	1
4-Methyl-2-pentanone	ND		ug/kg	17	--	1
2-Hexanone	ND		ug/kg	17	--	1
Bromochloromethane	ND		ug/kg	8.4	--	1
1,2-Dibromoethane	ND		ug/kg	6.7	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	8.4	--	1
Isopropylbenzene	ND		ug/kg	3.4	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	8.4	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	8.4	--	1
Methyl Acetate	ND		ug/kg	34	--	1
Cyclohexane	ND		ug/kg	34	--	1
1,4-Dioxane	ND		ug/kg	170	--	1
Methyl cyclohexane	ND		ug/kg	6.7	--	1
Freon-113	ND		ug/kg	34	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	98		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-11	Date Collected:	07/17/12 11:35
Client ID:	S-12L-B010-11.0-11.5	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/24/12 15:34		
Analyst:	BN		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	12	--	1
1,1-Dichloroethane	ND		ug/kg	2.5	--	1
Chloroform	ND		ug/kg	2.5	--	1
Carbon tetrachloride	ND		ug/kg	2.5	--	1
1,2-Dichloropropane	ND		ug/kg	4.9	--	1
Dibromochloromethane	ND		ug/kg	2.5	--	1
1,1,2-Trichloroethane	ND		ug/kg	2.5	--	1
Tetrachloroethene	ND		ug/kg	2.5	--	1
Chlorobenzene	ND		ug/kg	2.5	--	1
Trichlorofluoromethane	ND		ug/kg	6.2	--	1
1,2-Dichloroethane	ND		ug/kg	2.5	--	1
1,1,1-Trichloroethane	ND		ug/kg	2.5	--	1
Bromodichloromethane	ND		ug/kg	2.5	--	1
trans-1,3-Dichloropropene	ND		ug/kg	2.5	--	1
cis-1,3-Dichloropropene	ND		ug/kg	2.5	--	1
Bromoform	ND		ug/kg	4.9	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.5	--	1
Benzene	ND		ug/kg	2.5	--	1
Toluene	ND		ug/kg	2.5	--	1
Ethylbenzene	ND		ug/kg	2.5	--	1
Chloromethane	ND		ug/kg	6.2	--	1
Bromomethane	ND		ug/kg	2.5	--	1
Vinyl chloride	ND		ug/kg	2.5	--	1
Chloroethane	ND		ug/kg	2.5	--	1
1,1-Dichloroethene	ND		ug/kg	2.5	--	1
trans-1,2-Dichloroethene	ND		ug/kg	2.5	--	1
Trichloroethene	11		ug/kg	2.5	--	1
1,2-Dichlorobenzene	ND		ug/kg	6.2	--	1
1,3-Dichlorobenzene	ND		ug/kg	6.2	--	1
1,4-Dichlorobenzene	ND		ug/kg	6.2	--	1
Methyl tert butyl ether	ND		ug/kg	2.5	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-11 Date Collected: 07/17/12 11:35

Client ID: S-12L-B010-11.0-11.5 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	4.9	--	1
o-Xylene	ND		ug/kg	4.9	--	1
Xylenes, Total	ND		ug/kg	4.9	--	1
cis-1,2-Dichloroethene	19		ug/kg	2.5	--	1
Styrene	ND		ug/kg	4.9	--	1
Dichlorodifluoromethane	ND		ug/kg	12	--	1
Acetone	ND		ug/kg	44	--	1
Carbon disulfide	ND		ug/kg	12	--	1
2-Butanone	ND		ug/kg	12	--	1
4-Methyl-2-pentanone	ND		ug/kg	12	--	1
2-Hexanone	ND		ug/kg	12	--	1
Bromochloromethane	ND		ug/kg	6.2	--	1
1,2-Dibromoethane	ND		ug/kg	4.9	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.2	--	1
Isopropylbenzene	ND		ug/kg	2.5	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.2	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.2	--	1
Methyl Acetate	ND		ug/kg	25	--	1
Cyclohexane	ND		ug/kg	25	--	1
1,4-Dioxane	ND		ug/kg	120	--	1
Methyl cyclohexane	ND		ug/kg	4.9	--	1
Freon-113	ND		ug/kg	25	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	98		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-12	Date Collected:	07/17/12 12:20
Client ID:	S-12L-B010-14.0-14.5	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/24/12 16:02		
Analyst:	BN		
Percent Solids:	93%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	14	--	1
1,1-Dichloroethane	ND		ug/kg	2.8	--	1
Chloroform	ND		ug/kg	2.8	--	1
Carbon tetrachloride	ND		ug/kg	2.8	--	1
1,2-Dichloropropane	ND		ug/kg	5.6	--	1
Dibromochloromethane	ND		ug/kg	2.8	--	1
1,1,2-Trichloroethane	ND		ug/kg	2.8	--	1
Tetrachloroethene	ND		ug/kg	2.8	--	1
Chlorobenzene	ND		ug/kg	2.8	--	1
Trichlorofluoromethane	ND		ug/kg	7.1	--	1
1,2-Dichloroethane	ND		ug/kg	2.8	--	1
1,1,1-Trichloroethane	ND		ug/kg	2.8	--	1
Bromodichloromethane	ND		ug/kg	2.8	--	1
trans-1,3-Dichloropropene	ND		ug/kg	2.8	--	1
cis-1,3-Dichloropropene	ND		ug/kg	2.8	--	1
Bromoform	ND		ug/kg	5.6	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.8	--	1
Benzene	ND		ug/kg	2.8	--	1
Toluene	ND		ug/kg	2.8	--	1
Ethylbenzene	ND		ug/kg	2.8	--	1
Chloromethane	ND		ug/kg	7.1	--	1
Bromomethane	ND		ug/kg	2.8	--	1
Vinyl chloride	ND		ug/kg	2.8	--	1
Chloroethane	ND		ug/kg	2.8	--	1
1,1-Dichloroethene	ND		ug/kg	2.8	--	1
trans-1,2-Dichloroethene	ND		ug/kg	2.8	--	1
Trichloroethene	15		ug/kg	2.8	--	1
1,2-Dichlorobenzene	ND		ug/kg	7.1	--	1
1,3-Dichlorobenzene	ND		ug/kg	7.1	--	1
1,4-Dichlorobenzene	ND		ug/kg	7.1	--	1
Methyl tert butyl ether	ND		ug/kg	2.8	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-12 Date Collected: 07/17/12 12:20

Client ID: S-12L-B010-14.0-14.5 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	5.6	--	1
o-Xylene	ND		ug/kg	5.6	--	1
Xylenes, Total	ND		ug/kg	5.6	--	1
cis-1,2-Dichloroethene	7.0		ug/kg	2.8	--	1
Styrene	ND		ug/kg	5.6	--	1
Dichlorodifluoromethane	ND		ug/kg	14	--	1
Acetone	ND		ug/kg	51	--	1
Carbon disulfide	ND		ug/kg	14	--	1
2-Butanone	ND		ug/kg	14	--	1
4-Methyl-2-pentanone	ND		ug/kg	14	--	1
2-Hexanone	ND		ug/kg	14	--	1
Bromochloromethane	ND		ug/kg	7.1	--	1
1,2-Dibromoethane	ND		ug/kg	5.6	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.1	--	1
Isopropylbenzene	ND		ug/kg	2.8	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.1	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.1	--	1
Methyl Acetate	ND		ug/kg	28	--	1
Cyclohexane	ND		ug/kg	28	--	1
1,4-Dioxane	ND		ug/kg	140	--	1
Methyl cyclohexane	ND		ug/kg	5.6	--	1
Freon-113	ND		ug/kg	28	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	98		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-13	Date Collected:	07/17/12 12:20
Client ID:	S-12L-B010-15.8-16.3	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/24/12 16:29		
Analyst:	BN		
Percent Solids:	88%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	11	--	1
1,1-Dichloroethane	ND		ug/kg	2.2	--	1
Chloroform	ND		ug/kg	2.2	--	1
Carbon tetrachloride	ND		ug/kg	2.2	--	1
1,2-Dichloropropane	ND		ug/kg	4.4	--	1
Dibromochloromethane	ND		ug/kg	2.2	--	1
1,1,2-Trichloroethane	ND		ug/kg	2.2	--	1
Tetrachloroethene	4.0		ug/kg	2.2	--	1
Chlorobenzene	ND		ug/kg	2.2	--	1
Trichlorofluoromethane	ND		ug/kg	5.5	--	1
1,2-Dichloroethane	ND		ug/kg	2.2	--	1
1,1,1-Trichloroethane	ND		ug/kg	2.2	--	1
Bromodichloromethane	ND		ug/kg	2.2	--	1
trans-1,3-Dichloropropene	ND		ug/kg	2.2	--	1
cis-1,3-Dichloropropene	ND		ug/kg	2.2	--	1
Bromoform	ND		ug/kg	4.4	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.2	--	1
Benzene	ND		ug/kg	2.2	--	1
Toluene	ND		ug/kg	2.2	--	1
Ethylbenzene	ND		ug/kg	2.2	--	1
Chloromethane	ND		ug/kg	5.5	--	1
Bromomethane	ND		ug/kg	2.2	--	1
Vinyl chloride	16		ug/kg	2.2	--	1
Chloroethane	ND		ug/kg	2.2	--	1
1,1-Dichloroethene	ND		ug/kg	2.2	--	1
trans-1,2-Dichloroethene	4.8		ug/kg	2.2	--	1
Trichloroethene	250	E	ug/kg	2.2	--	1
1,2-Dichlorobenzene	ND		ug/kg	5.5	--	1
1,3-Dichlorobenzene	ND		ug/kg	5.5	--	1
1,4-Dichlorobenzene	ND		ug/kg	5.5	--	1
Methyl tert butyl ether	ND		ug/kg	2.2	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-13 Date Collected: 07/17/12 12:20

Client ID: S-12L-B010-15.8-16.3 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	4.4	--	1
o-Xylene	ND		ug/kg	4.4	--	1
Xylenes, Total	ND		ug/kg	4.4	--	1
cis-1,2-Dichloroethene	170		ug/kg	2.2	--	1
Styrene	ND		ug/kg	4.4	--	1
Dichlorodifluoromethane	ND		ug/kg	11	--	1
Acetone	ND		ug/kg	39	--	1
Carbon disulfide	13		ug/kg	11	--	1
2-Butanone	ND		ug/kg	11	--	1
4-Methyl-2-pentanone	ND		ug/kg	11	--	1
2-Hexanone	ND		ug/kg	11	--	1
Bromochloromethane	ND		ug/kg	5.5	--	1
1,2-Dibromoethane	ND		ug/kg	4.4	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.5	--	1
Isopropylbenzene	ND		ug/kg	2.2	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.5	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.5	--	1
Methyl Acetate	ND		ug/kg	22	--	1
Cyclohexane	ND		ug/kg	22	--	1
1,4-Dioxane	ND		ug/kg	110	--	1
Methyl cyclohexane	ND		ug/kg	4.4	--	1
Freon-113	ND		ug/kg	22	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	97		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-13	Date Collected:	07/17/12 12:20
Client ID:	S-12L-B010-15.8-16.3	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/25/12 19:04		
Analyst:	PP		
Percent Solids:	88%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	740	--	1
1,1-Dichloroethane	ND		ug/kg	150	--	1
Chloroform	ND		ug/kg	150	--	1
Carbon tetrachloride	ND		ug/kg	150	--	1
1,2-Dichloropropane	ND		ug/kg	300	--	1
Dibromochloromethane	ND		ug/kg	150	--	1
1,1,2-Trichloroethane	ND		ug/kg	150	--	1
Tetrachloroethene	ND		ug/kg	150	--	1
Chlorobenzene	ND		ug/kg	150	--	1
Trichlorofluoromethane	ND		ug/kg	370	--	1
1,2-Dichloroethane	ND		ug/kg	150	--	1
1,1,1-Trichloroethane	ND		ug/kg	150	--	1
Bromodichloromethane	ND		ug/kg	150	--	1
trans-1,3-Dichloropropene	ND		ug/kg	150	--	1
cis-1,3-Dichloropropene	ND		ug/kg	150	--	1
Bromoform	ND		ug/kg	300	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	150	--	1
Benzene	ND		ug/kg	150	--	1
Toluene	ND		ug/kg	150	--	1
Ethylbenzene	ND		ug/kg	150	--	1
Chloromethane	ND		ug/kg	370	--	1
Bromomethane	ND		ug/kg	150	--	1
Vinyl chloride	ND		ug/kg	150	--	1
Chloroethane	ND		ug/kg	150	--	1
1,1-Dichloroethene	ND		ug/kg	150	--	1
trans-1,2-Dichloroethene	ND		ug/kg	150	--	1
Trichloroethene	160		ug/kg	150	--	1
1,2-Dichlorobenzene	ND		ug/kg	370	--	1
1,3-Dichlorobenzene	ND		ug/kg	370	--	1
1,4-Dichlorobenzene	ND		ug/kg	370	--	1
Methyl tert butyl ether	ND		ug/kg	150	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-13 Date Collected: 07/17/12 12:20

Client ID: S-12L-B010-15.8-16.3 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	300	--	1
o-Xylene	ND		ug/kg	300	--	1
Xylenes, Total	ND		ug/kg	300	--	1
cis-1,2-Dichloroethene	ND		ug/kg	150	--	1
Styrene	ND		ug/kg	300	--	1
Dichlorodifluoromethane	ND		ug/kg	740	--	1
Acetone	ND		ug/kg	2700	--	1
Carbon disulfide	ND		ug/kg	740	--	1
2-Butanone	ND		ug/kg	740	--	1
4-Methyl-2-pentanone	ND		ug/kg	740	--	1
2-Hexanone	ND		ug/kg	740	--	1
Bromochloromethane	ND		ug/kg	370	--	1
1,2-Dibromoethane	ND		ug/kg	300	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	370	--	1
Isopropylbenzene	ND		ug/kg	150	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	370	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	370	--	1
Methyl Acetate	ND		ug/kg	1500	--	1
Cyclohexane	ND		ug/kg	1500	--	1
1,4-Dioxane	ND		ug/kg	7400	--	1
Methyl cyclohexane	ND		ug/kg	300	--	1
Freon-113	ND		ug/kg	1500	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	111		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	95		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-14	Date Collected:	07/17/12 13:00
Client ID:	S-12L-B010-20.0-20.5	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/24/12 16:57		
Analyst:	BN		
Percent Solids:	86%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	23	--	1
1,1-Dichloroethane	ND		ug/kg	4.6	--	1
Chloroform	ND		ug/kg	4.6	--	1
Carbon tetrachloride	ND		ug/kg	4.6	--	1
1,2-Dichloropropane	ND		ug/kg	9.3	--	1
Dibromochloromethane	ND		ug/kg	4.6	--	1
1,1,2-Trichloroethane	ND		ug/kg	4.6	--	1
Tetrachloroethene	ND		ug/kg	4.6	--	1
Chlorobenzene	ND		ug/kg	4.6	--	1
Trichlorofluoromethane	ND		ug/kg	12	--	1
1,2-Dichloroethane	ND		ug/kg	4.6	--	1
1,1,1-Trichloroethane	ND		ug/kg	4.6	--	1
Bromodichloromethane	ND		ug/kg	4.6	--	1
trans-1,3-Dichloropropene	ND		ug/kg	4.6	--	1
cis-1,3-Dichloropropene	ND		ug/kg	4.6	--	1
Bromoform	ND		ug/kg	9.3	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	4.6	--	1
Benzene	ND		ug/kg	4.6	--	1
Toluene	ND		ug/kg	4.6	--	1
Ethylbenzene	ND		ug/kg	4.6	--	1
Chloromethane	ND		ug/kg	12	--	1
Bromomethane	ND		ug/kg	4.6	--	1
Vinyl chloride	5.0		ug/kg	4.6	--	1
Chloroethane	ND		ug/kg	4.6	--	1
1,1-Dichloroethene	ND		ug/kg	4.6	--	1
trans-1,2-Dichloroethene	ND		ug/kg	4.6	--	1
Trichloroethene	150		ug/kg	4.6	--	1
1,2-Dichlorobenzene	ND		ug/kg	12	--	1
1,3-Dichlorobenzene	ND		ug/kg	12	--	1
1,4-Dichlorobenzene	ND		ug/kg	12	--	1
Methyl tert butyl ether	ND		ug/kg	4.6	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-14 Date Collected: 07/17/12 13:00

Client ID: S-12L-B010-20.0-20.5 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	9.3	--	1
o-Xylene	ND		ug/kg	9.3	--	1
Xylenes, Total	ND		ug/kg	9.3	--	1
cis-1,2-Dichloroethene	56		ug/kg	4.6	--	1
Styrene	ND		ug/kg	9.3	--	1
Dichlorodifluoromethane	ND		ug/kg	23	--	1
Acetone	ND		ug/kg	84	--	1
Carbon disulfide	ND		ug/kg	23	--	1
2-Butanone	ND		ug/kg	23	--	1
4-Methyl-2-pentanone	ND		ug/kg	23	--	1
2-Hexanone	ND		ug/kg	23	--	1
Bromochloromethane	ND		ug/kg	12	--	1
1,2-Dibromoethane	ND		ug/kg	9.3	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	12	--	1
Isopropylbenzene	ND		ug/kg	4.6	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	12	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	12	--	1
Methyl Acetate	ND		ug/kg	46	--	1
Cyclohexane	ND		ug/kg	46	--	1
1,4-Dioxane	ND		ug/kg	230	--	1
Methyl cyclohexane	ND		ug/kg	9.3	--	1
Freon-113	ND		ug/kg	46	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	99		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-15	Date Collected:	07/17/12 13:00
Client ID:	S-12L-B010-21-.5-22.0	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/26/12 14:50		
Analyst:	BN		
Percent Solids:	85%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	15	--	1
1,1-Dichloroethane	ND		ug/kg	3.0	--	1
Chloroform	ND		ug/kg	3.0	--	1
Carbon tetrachloride	ND		ug/kg	3.0	--	1
1,2-Dichloropropane	ND		ug/kg	6.0	--	1
Dibromochloromethane	ND		ug/kg	3.0	--	1
1,1,2-Trichloroethane	ND		ug/kg	3.0	--	1
Tetrachloroethene	3.0		ug/kg	3.0	--	1
Chlorobenzene	ND		ug/kg	3.0	--	1
Trichlorofluoromethane	ND		ug/kg	7.5	--	1
1,2-Dichloroethane	ND		ug/kg	3.0	--	1
1,1,1-Trichloroethane	ND		ug/kg	3.0	--	1
Bromodichloromethane	ND		ug/kg	3.0	--	1
trans-1,3-Dichloropropene	ND		ug/kg	3.0	--	1
cis-1,3-Dichloropropene	ND		ug/kg	3.0	--	1
Bromoform	ND		ug/kg	6.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	3.0	--	1
Benzene	ND		ug/kg	3.0	--	1
Toluene	ND		ug/kg	3.0	--	1
Ethylbenzene	ND		ug/kg	3.0	--	1
Chloromethane	ND		ug/kg	7.5	--	1
Bromomethane	ND		ug/kg	3.0	--	1
Vinyl chloride	5.6		ug/kg	3.0	--	1
Chloroethane	ND		ug/kg	3.0	--	1
1,1-Dichloroethene	ND		ug/kg	3.0	--	1
trans-1,2-Dichloroethene	ND		ug/kg	3.0	--	1
Trichloroethene	340	E	ug/kg	3.0	--	1
1,2-Dichlorobenzene	ND		ug/kg	7.5	--	1
1,3-Dichlorobenzene	ND		ug/kg	7.5	--	1
1,4-Dichlorobenzene	ND		ug/kg	7.5	--	1
Methyl tert butyl ether	ND		ug/kg	3.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-15 Date Collected: 07/17/12 13:00

Client ID: S-12L-B010-21-.5-22.0 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	6.0	--	1
o-Xylene	ND		ug/kg	6.0	--	1
Xylenes, Total	ND		ug/kg	6.0	--	1
cis-1,2-Dichloroethene	96		ug/kg	3.0	--	1
Styrene	ND		ug/kg	6.0	--	1
Dichlorodifluoromethane	ND		ug/kg	15	--	1
Acetone	ND		ug/kg	54	--	1
Carbon disulfide	ND		ug/kg	15	--	1
2-Butanone	ND		ug/kg	15	--	1
4-Methyl-2-pentanone	ND		ug/kg	15	--	1
2-Hexanone	ND		ug/kg	15	--	1
Bromochloromethane	ND		ug/kg	7.5	--	1
1,2-Dibromoethane	ND		ug/kg	6.0	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.5	--	1
Isopropylbenzene	ND		ug/kg	3.0	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.5	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.5	--	1
Methyl Acetate	ND		ug/kg	30	--	1
Cyclohexane	ND		ug/kg	30	--	1
1,4-Dioxane	ND		ug/kg	150	--	1
Methyl cyclohexane	ND		ug/kg	6.0	--	1
Freon-113	ND		ug/kg	30	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	89		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-15	Date Collected:	07/17/12 13:00
Client ID:	S-12L-B010-21-.5-22.0	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/27/12 09:26		
Analyst:	BN		
Percent Solids:	85%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	810	--	1
1,1-Dichloroethane	ND		ug/kg	160	--	1
Chloroform	ND		ug/kg	160	--	1
Carbon tetrachloride	ND		ug/kg	160	--	1
1,2-Dichloropropane	ND		ug/kg	320	--	1
Dibromochloromethane	ND		ug/kg	160	--	1
1,1,2-Trichloroethane	ND		ug/kg	160	--	1
Tetrachloroethene	ND		ug/kg	160	--	1
Chlorobenzene	ND		ug/kg	160	--	1
Trichlorofluoromethane	ND		ug/kg	400	--	1
1,2-Dichloroethane	ND		ug/kg	160	--	1
1,1,1-Trichloroethane	ND		ug/kg	160	--	1
Bromodichloromethane	ND		ug/kg	160	--	1
trans-1,3-Dichloropropene	ND		ug/kg	160	--	1
cis-1,3-Dichloropropene	ND		ug/kg	160	--	1
Bromoform	ND		ug/kg	320	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	160	--	1
Benzene	ND		ug/kg	160	--	1
Toluene	ND		ug/kg	160	--	1
Ethylbenzene	ND		ug/kg	160	--	1
Chloromethane	ND		ug/kg	400	--	1
Bromomethane	ND		ug/kg	160	--	1
Vinyl chloride	ND		ug/kg	160	--	1
Chloroethane	ND		ug/kg	160	--	1
1,1-Dichloroethene	ND		ug/kg	160	--	1
trans-1,2-Dichloroethene	ND		ug/kg	160	--	1
Trichloroethene	240		ug/kg	160	--	1
1,2-Dichlorobenzene	ND		ug/kg	400	--	1
1,3-Dichlorobenzene	ND		ug/kg	400	--	1
1,4-Dichlorobenzene	ND		ug/kg	400	--	1
Methyl tert butyl ether	ND		ug/kg	160	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-15 Date Collected: 07/17/12 13:00

Client ID: S-12L-B010-21-.5-22.0 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	320	--	1
o-Xylene	ND		ug/kg	320	--	1
Xylenes, Total	ND		ug/kg	320	--	1
cis-1,2-Dichloroethene	ND		ug/kg	160	--	1
Styrene	ND		ug/kg	320	--	1
Dichlorodifluoromethane	ND		ug/kg	810	--	1
Acetone	ND		ug/kg	2900	--	1
Carbon disulfide	ND		ug/kg	810	--	1
2-Butanone	ND		ug/kg	810	--	1
4-Methyl-2-pentanone	ND		ug/kg	810	--	1
2-Hexanone	ND		ug/kg	810	--	1
Bromochloromethane	ND		ug/kg	400	--	1
1,2-Dibromoethane	ND		ug/kg	320	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	400	--	1
Isopropylbenzene	ND		ug/kg	160	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	400	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	400	--	1
Methyl Acetate	ND		ug/kg	1600	--	1
Cyclohexane	ND		ug/kg	1600	--	1
1,4-Dioxane	ND		ug/kg	8100	--	1
Methyl cyclohexane	ND		ug/kg	320	--	1
Freon-113	ND		ug/kg	1600	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	112		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	94		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-16	Date Collected:	07/17/12 13:00
Client ID:	S-12L-B010-22.7-23.2	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/24/12 17:25		
Analyst:	BN		
Percent Solids:	93%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	14	--	1
1,1-Dichloroethane	ND		ug/kg	2.8	--	1
Chloroform	ND		ug/kg	2.8	--	1
Carbon tetrachloride	ND		ug/kg	2.8	--	1
1,2-Dichloropropane	ND		ug/kg	5.6	--	1
Dibromochloromethane	ND		ug/kg	2.8	--	1
1,1,2-Trichloroethane	ND		ug/kg	2.8	--	1
Tetrachloroethene	ND		ug/kg	2.8	--	1
Chlorobenzene	ND		ug/kg	2.8	--	1
Trichlorofluoromethane	ND		ug/kg	7.1	--	1
1,2-Dichloroethane	ND		ug/kg	2.8	--	1
1,1,1-Trichloroethane	ND		ug/kg	2.8	--	1
Bromodichloromethane	ND		ug/kg	2.8	--	1
trans-1,3-Dichloropropene	ND		ug/kg	2.8	--	1
cis-1,3-Dichloropropene	ND		ug/kg	2.8	--	1
Bromoform	ND		ug/kg	5.6	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.8	--	1
Benzene	ND		ug/kg	2.8	--	1
Toluene	ND		ug/kg	2.8	--	1
Ethylbenzene	ND		ug/kg	2.8	--	1
Chloromethane	ND		ug/kg	7.1	--	1
Bromomethane	ND		ug/kg	2.8	--	1
Vinyl chloride	ND		ug/kg	2.8	--	1
Chloroethane	ND		ug/kg	2.8	--	1
1,1-Dichloroethene	ND		ug/kg	2.8	--	1
trans-1,2-Dichloroethene	ND		ug/kg	2.8	--	1
Trichloroethene	57		ug/kg	2.8	--	1
1,2-Dichlorobenzene	ND		ug/kg	7.1	--	1
1,3-Dichlorobenzene	ND		ug/kg	7.1	--	1
1,4-Dichlorobenzene	ND		ug/kg	7.1	--	1
Methyl tert butyl ether	ND		ug/kg	2.8	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-16 Date Collected: 07/17/12 13:00

Client ID: S-12L-B010-22.7-23.2 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	5.6	--	1
o-Xylene	ND		ug/kg	5.6	--	1
Xylenes, Total	ND		ug/kg	5.6	--	1
cis-1,2-Dichloroethene	7.2		ug/kg	2.8	--	1
Styrene	ND		ug/kg	5.6	--	1
Dichlorodifluoromethane	ND		ug/kg	14	--	1
Acetone	ND		ug/kg	51	--	1
Carbon disulfide	ND		ug/kg	14	--	1
2-Butanone	ND		ug/kg	14	--	1
4-Methyl-2-pentanone	ND		ug/kg	14	--	1
2-Hexanone	ND		ug/kg	14	--	1
Bromochloromethane	ND		ug/kg	7.1	--	1
1,2-Dibromoethane	ND		ug/kg	5.6	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.1	--	1
Isopropylbenzene	ND		ug/kg	2.8	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.1	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.1	--	1
Methyl Acetate	ND		ug/kg	28	--	1
Cyclohexane	ND		ug/kg	28	--	1
1,4-Dioxane	ND		ug/kg	140	--	1
Methyl cyclohexane	ND		ug/kg	5.6	--	1
Freon-113	ND		ug/kg	28	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	101		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-17	Date Collected:	07/18/12 08:15
Client ID:	EB-071812-01	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	1,8260B		
Analytical Date:	07/27/12 16:41		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	1
1,1-Dichloroethane	ND		ug/l	0.75	--	1
Chloroform	ND		ug/l	0.75	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	1.8	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.75	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
Trichlorofluoromethane	ND		ug/l	2.5	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.75	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	1.0	--	1
Vinyl chloride	ND		ug/l	1.0	--	1
Chloroethane	ND		ug/l	1.0	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	2.5	--	1
1,3-Dichlorobenzene	ND		ug/l	2.5	--	1
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
Methyl tert butyl ether	ND		ug/l	1.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-17 Date Collected: 07/18/12 08:15

Client ID: EB-071812-01 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/l	1.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
Xylenes, Total	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1
1,2-Dibromoethane	ND		ug/l	2.0	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1
Methyl Acetate	ND		ug/l	10	--	1
Cyclohexane	ND		ug/l	10	--	1
1,4-Dioxane	ND		ug/l	250	--	1
Freon-113	ND		ug/l	10	--	1
Methyl cyclohexane	ND		ug/l	10	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	98		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-18	Date Collected:	07/14/12 11:00
Client ID:	S-12L-B005-6.0-6.5	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/26/12 00:11		
Analyst:	JL		
Percent Solids:	79%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	1000	--	1
1,1-Dichloroethane	ND		ug/kg	210	--	1
Chloroform	ND		ug/kg	210	--	1
Carbon tetrachloride	ND		ug/kg	210	--	1
1,2-Dichloropropane	ND		ug/kg	410	--	1
Dibromochloromethane	ND		ug/kg	210	--	1
1,1,2-Trichloroethane	ND		ug/kg	210	--	1
Tetrachloroethene	ND		ug/kg	210	--	1
Chlorobenzene	ND		ug/kg	210	--	1
Trichlorofluoromethane	ND		ug/kg	520	--	1
1,2-Dichloroethane	ND		ug/kg	210	--	1
1,1,1-Trichloroethane	ND		ug/kg	210	--	1
Bromodichloromethane	ND		ug/kg	210	--	1
trans-1,3-Dichloropropene	ND		ug/kg	210	--	1
cis-1,3-Dichloropropene	ND		ug/kg	210	--	1
Bromoform	ND		ug/kg	410	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	210	--	1
Benzene	ND		ug/kg	210	--	1
Toluene	ND		ug/kg	210	--	1
Ethylbenzene	ND		ug/kg	210	--	1
Chloromethane	ND		ug/kg	520	--	1
Bromomethane	ND		ug/kg	210	--	1
Vinyl chloride	ND		ug/kg	210	--	1
Chloroethane	ND		ug/kg	210	--	1
1,1-Dichloroethene	ND		ug/kg	210	--	1
trans-1,2-Dichloroethene	ND		ug/kg	210	--	1
Trichloroethene	ND		ug/kg	210	--	1
1,2-Dichlorobenzene	ND		ug/kg	520	--	1
1,3-Dichlorobenzene	ND		ug/kg	520	--	1
1,4-Dichlorobenzene	ND		ug/kg	520	--	1
Methyl tert butyl ether	ND		ug/kg	210	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-18 Date Collected: 07/14/12 11:00

Client ID: S-12L-B005-6.0-6.5 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	410	--	1
o-Xylene	ND		ug/kg	410	--	1
Xylenes, Total	ND		ug/kg	410	--	1
cis-1,2-Dichloroethene	950		ug/kg	210	--	1
Styrene	ND		ug/kg	410	--	1
Dichlorodifluoromethane	ND		ug/kg	1000	--	1
Acetone	ND		ug/kg	3700	--	1
Carbon disulfide	ND		ug/kg	1000	--	1
2-Butanone	ND		ug/kg	1000	--	1
4-Methyl-2-pentanone	ND		ug/kg	1000	--	1
2-Hexanone	ND		ug/kg	1000	--	1
Bromochloromethane	ND		ug/kg	520	--	1
1,2-Dibromoethane	ND		ug/kg	410	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	520	--	1
Isopropylbenzene	ND		ug/kg	210	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	520	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	520	--	1
Methyl Acetate	ND		ug/kg	2100	--	1
Cyclohexane	ND		ug/kg	2100	--	1
1,4-Dioxane	ND		ug/kg	10000	--	1
Methyl cyclohexane	ND		ug/kg	410	--	1
Freon-113	ND		ug/kg	2100	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	113		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	92		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-19	Date Collected:	07/14/12 11:00
Client ID:	S-12L-B005-7.5-8.0	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/26/12 00:38		
Analyst:	JL		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	690	--	1
1,1-Dichloroethane	ND		ug/kg	140	--	1
Chloroform	ND		ug/kg	140	--	1
Carbon tetrachloride	ND		ug/kg	140	--	1
1,2-Dichloropropane	ND		ug/kg	280	--	1
Dibromochloromethane	ND		ug/kg	140	--	1
1,1,2-Trichloroethane	ND		ug/kg	140	--	1
Tetrachloroethene	ND		ug/kg	140	--	1
Chlorobenzene	ND		ug/kg	140	--	1
Trichlorofluoromethane	ND		ug/kg	340	--	1
1,2-Dichloroethane	ND		ug/kg	140	--	1
1,1,1-Trichloroethane	ND		ug/kg	140	--	1
Bromodichloromethane	ND		ug/kg	140	--	1
trans-1,3-Dichloropropene	ND		ug/kg	140	--	1
cis-1,3-Dichloropropene	ND		ug/kg	140	--	1
Bromoform	ND		ug/kg	280	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	140	--	1
Benzene	ND		ug/kg	140	--	1
Toluene	ND		ug/kg	140	--	1
Ethylbenzene	ND		ug/kg	140	--	1
Chloromethane	ND		ug/kg	340	--	1
Bromomethane	ND		ug/kg	140	--	1
Vinyl chloride	ND		ug/kg	140	--	1
Chloroethane	ND		ug/kg	140	--	1
1,1-Dichloroethene	ND		ug/kg	140	--	1
trans-1,2-Dichloroethene	ND		ug/kg	140	--	1
Trichloroethene	190		ug/kg	140	--	1
1,2-Dichlorobenzene	ND		ug/kg	340	--	1
1,3-Dichlorobenzene	ND		ug/kg	340	--	1
1,4-Dichlorobenzene	ND		ug/kg	340	--	1
Methyl tert butyl ether	ND		ug/kg	140	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-19 Date Collected: 07/14/12 11:00

Client ID: S-12L-B005-7.5-8.0 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	280	--	1
o-Xylene	ND		ug/kg	280	--	1
Xylenes, Total	ND		ug/kg	280	--	1
cis-1,2-Dichloroethene	190		ug/kg	140	--	1
Styrene	ND		ug/kg	280	--	1
Dichlorodifluoromethane	ND		ug/kg	690	--	1
Acetone	ND		ug/kg	2500	--	1
Carbon disulfide	ND		ug/kg	690	--	1
2-Butanone	ND		ug/kg	690	--	1
4-Methyl-2-pentanone	ND		ug/kg	690	--	1
2-Hexanone	ND		ug/kg	690	--	1
Bromochloromethane	ND		ug/kg	340	--	1
1,2-Dibromoethane	ND		ug/kg	280	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	340	--	1
Isopropylbenzene	ND		ug/kg	140	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	340	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	340	--	1
Methyl Acetate	ND		ug/kg	1400	--	1
Cyclohexane	ND		ug/kg	1400	--	1
1,4-Dioxane	ND		ug/kg	6900	--	1
Methyl cyclohexane	ND		ug/kg	280	--	1
Freon-113	ND		ug/kg	1400	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	113		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	94		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-19	Date Collected:	07/14/12 11:00
Client ID:	S-12L-B005-7.5-8.0	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	08/01/12 12:09		
Analyst:	BN		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	13	--	1
1,1-Dichloroethane	ND		ug/kg	2.6	--	1
Chloroform	ND		ug/kg	2.6	--	1
Carbon tetrachloride	ND		ug/kg	2.6	--	1
1,2-Dichloropropane	ND		ug/kg	5.3	--	1
Dibromochloromethane	ND		ug/kg	2.6	--	1
1,1,2-Trichloroethane	ND		ug/kg	2.6	--	1
Tetrachloroethene	ND		ug/kg	2.6	--	1
Chlorobenzene	ND		ug/kg	2.6	--	1
Trichlorofluoromethane	ND		ug/kg	6.6	--	1
1,2-Dichloroethane	ND		ug/kg	2.6	--	1
1,1,1-Trichloroethane	ND		ug/kg	2.6	--	1
Bromodichloromethane	ND		ug/kg	2.6	--	1
trans-1,3-Dichloropropene	ND		ug/kg	2.6	--	1
cis-1,3-Dichloropropene	ND		ug/kg	2.6	--	1
Bromoform	ND		ug/kg	5.3	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.6	--	1
Benzene	ND		ug/kg	2.6	--	1
Toluene	ND		ug/kg	2.6	--	1
Ethylbenzene	ND		ug/kg	2.6	--	1
Chloromethane	ND		ug/kg	6.6	--	1
Bromomethane	ND		ug/kg	2.6	--	1
Vinyl chloride	3.2		ug/kg	2.6	--	1
Chloroethane	ND		ug/kg	2.6	--	1
1,1-Dichloroethene	ND		ug/kg	2.6	--	1
trans-1,2-Dichloroethene	ND		ug/kg	2.6	--	1
Trichloroethene	94		ug/kg	2.6	--	1
1,2-Dichlorobenzene	ND		ug/kg	6.6	--	1
1,3-Dichlorobenzene	ND		ug/kg	6.6	--	1
1,4-Dichlorobenzene	ND		ug/kg	6.6	--	1
Methyl tert butyl ether	ND		ug/kg	2.6	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-19 Date Collected: 07/14/12 11:00

Client ID: S-12L-B005-7.5-8.0 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	5.3	--	1
o-Xylene	ND		ug/kg	5.3	--	1
Xylenes, Total	ND		ug/kg	5.3	--	1
cis-1,2-Dichloroethene	110		ug/kg	2.6	--	1
Styrene	ND		ug/kg	5.3	--	1
Dichlorodifluoromethane	ND		ug/kg	13	--	1
Acetone	ND		ug/kg	48	--	1
Carbon disulfide	ND		ug/kg	13	--	1
2-Butanone	ND		ug/kg	13	--	1
4-Methyl-2-pentanone	ND		ug/kg	13	--	1
2-Hexanone	ND		ug/kg	13	--	1
Bromochloromethane	ND		ug/kg	6.6	--	1
1,2-Dibromoethane	ND		ug/kg	5.3	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.6	--	1
Isopropylbenzene	ND		ug/kg	2.6	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.6	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.6	--	1
Methyl Acetate	ND		ug/kg	26	--	1
Cyclohexane	ND		ug/kg	26	--	1
1,4-Dioxane	ND		ug/kg	130	--	1
Methyl cyclohexane	ND		ug/kg	5.3	--	1
Freon-113	ND		ug/kg	26	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	100		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-20	Date Collected:	07/14/12 12:10
Client ID:	S-12L-B005-10.5-11.0	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/24/12 17:53		
Analyst:	BN		
Percent Solids:	99%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	9.9	--	1
1,1-Dichloroethane	ND		ug/kg	2.0	--	1
Chloroform	ND		ug/kg	2.0	--	1
Carbon tetrachloride	ND		ug/kg	2.0	--	1
1,2-Dichloropropane	ND		ug/kg	4.0	--	1
Dibromochloromethane	ND		ug/kg	2.0	--	1
1,1,2-Trichloroethane	ND		ug/kg	2.0	--	1
Tetrachloroethene	ND		ug/kg	2.0	--	1
Chlorobenzene	ND		ug/kg	2.0	--	1
Trichlorofluoromethane	ND		ug/kg	5.0	--	1
1,2-Dichloroethane	ND		ug/kg	2.0	--	1
1,1,1-Trichloroethane	ND		ug/kg	2.0	--	1
Bromodichloromethane	ND		ug/kg	2.0	--	1
trans-1,3-Dichloropropene	ND		ug/kg	2.0	--	1
cis-1,3-Dichloropropene	ND		ug/kg	2.0	--	1
Bromoform	ND		ug/kg	4.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.0	--	1
Benzene	ND		ug/kg	2.0	--	1
Toluene	ND		ug/kg	2.0	--	1
Ethylbenzene	ND		ug/kg	2.0	--	1
Chloromethane	ND		ug/kg	5.0	--	1
Bromomethane	ND		ug/kg	2.0	--	1
Vinyl chloride	ND		ug/kg	2.0	--	1
Chloroethane	ND		ug/kg	2.0	--	1
1,1-Dichloroethene	ND		ug/kg	2.0	--	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	--	1
Trichloroethene	13		ug/kg	2.0	--	1
1,2-Dichlorobenzene	ND		ug/kg	5.0	--	1
1,3-Dichlorobenzene	ND		ug/kg	5.0	--	1
1,4-Dichlorobenzene	ND		ug/kg	5.0	--	1
Methyl tert butyl ether	ND		ug/kg	2.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-20 Date Collected: 07/14/12 12:10

Client ID: S-12L-B005-10.5-11.0 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	4.0	--	1
o-Xylene	ND		ug/kg	4.0	--	1
Xylenes, Total	ND		ug/kg	4.0	--	1
cis-1,2-Dichloroethene	ND		ug/kg	2.0	--	1
Styrene	ND		ug/kg	4.0	--	1
Dichlorodifluoromethane	ND		ug/kg	9.9	--	1
Acetone	ND		ug/kg	36	--	1
Carbon disulfide	ND		ug/kg	9.9	--	1
2-Butanone	ND		ug/kg	9.9	--	1
4-Methyl-2-pentanone	ND		ug/kg	9.9	--	1
2-Hexanone	ND		ug/kg	9.9	--	1
Bromochloromethane	ND		ug/kg	5.0	--	1
1,2-Dibromoethane	ND		ug/kg	4.0	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	--	1
Isopropylbenzene	ND		ug/kg	2.0	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	--	1
Methyl Acetate	ND		ug/kg	20	--	1
Cyclohexane	ND		ug/kg	20	--	1
1,4-Dioxane	ND		ug/kg	99	--	1
Methyl cyclohexane	ND		ug/kg	4.0	--	1
Freon-113	ND		ug/kg	20	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	101		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-21	Date Collected:	07/14/12 12:40
Client ID:	S-12L-B005-15.2-15.7	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/26/12 15:18		
Analyst:	BN		
Percent Solids:	91%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	23	--	1
1,1-Dichloroethane	ND		ug/kg	4.6	--	1
Chloroform	ND		ug/kg	4.6	--	1
Carbon tetrachloride	ND		ug/kg	4.6	--	1
1,2-Dichloropropane	ND		ug/kg	9.2	--	1
Dibromochloromethane	ND		ug/kg	4.6	--	1
1,1,2-Trichloroethane	ND		ug/kg	4.6	--	1
Tetrachloroethene	ND		ug/kg	4.6	--	1
Chlorobenzene	ND		ug/kg	4.6	--	1
Trichlorofluoromethane	ND		ug/kg	11	--	1
1,2-Dichloroethane	ND		ug/kg	4.6	--	1
1,1,1-Trichloroethane	ND		ug/kg	4.6	--	1
Bromodichloromethane	ND		ug/kg	4.6	--	1
trans-1,3-Dichloropropene	ND		ug/kg	4.6	--	1
cis-1,3-Dichloropropene	ND		ug/kg	4.6	--	1
Bromoform	ND		ug/kg	9.2	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	4.6	--	1
Benzene	ND		ug/kg	4.6	--	1
Toluene	ND		ug/kg	4.6	--	1
Ethylbenzene	ND		ug/kg	4.6	--	1
Chloromethane	ND		ug/kg	11	--	1
Bromomethane	ND		ug/kg	4.6	--	1
Vinyl chloride	ND		ug/kg	4.6	--	1
Chloroethane	ND		ug/kg	4.6	--	1
1,1-Dichloroethene	ND		ug/kg	4.6	--	1
trans-1,2-Dichloroethene	ND		ug/kg	4.6	--	1
Trichloroethene	170		ug/kg	4.6	--	1
1,2-Dichlorobenzene	ND		ug/kg	11	--	1
1,3-Dichlorobenzene	ND		ug/kg	11	--	1
1,4-Dichlorobenzene	ND		ug/kg	11	--	1
Methyl tert butyl ether	ND		ug/kg	4.6	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-21 Date Collected: 07/14/12 12:40

Client ID: S-12L-B005-15.2-15.7 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	9.2	--	1
o-Xylene	ND		ug/kg	9.2	--	1
Xylenes, Total	ND		ug/kg	9.2	--	1
cis-1,2-Dichloroethene	19		ug/kg	4.6	--	1
Styrene	ND		ug/kg	9.2	--	1
Dichlorodifluoromethane	ND		ug/kg	23	--	1
Acetone	ND		ug/kg	82	--	1
Carbon disulfide	ND		ug/kg	23	--	1
2-Butanone	ND		ug/kg	23	--	1
4-Methyl-2-pentanone	ND		ug/kg	23	--	1
2-Hexanone	ND		ug/kg	23	--	1
Bromochloromethane	ND		ug/kg	11	--	1
1,2-Dibromoethane	ND		ug/kg	9.2	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	11	--	1
Isopropylbenzene	ND		ug/kg	4.6	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	11	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	11	--	1
Methyl Acetate	ND		ug/kg	46	--	1
Cyclohexane	ND		ug/kg	46	--	1
1,4-Dioxane	ND		ug/kg	230	--	1
Methyl cyclohexane	ND		ug/kg	9.2	--	1
Freon-113	ND		ug/kg	46	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	101		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-22	Date Collected:	07/14/12 12:40
Client ID:	S-12L-B005-16.5-17.0	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/26/12 15:45		
Analyst:	BN		
Percent Solids:	81%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	19	--	1
1,1-Dichloroethane	ND		ug/kg	3.8	--	1
Chloroform	ND		ug/kg	3.8	--	1
Carbon tetrachloride	ND		ug/kg	3.8	--	1
1,2-Dichloropropane	ND		ug/kg	7.7	--	1
Dibromochloromethane	ND		ug/kg	3.8	--	1
1,1,2-Trichloroethane	ND		ug/kg	3.8	--	1
Tetrachloroethene	ND		ug/kg	3.8	--	1
Chlorobenzene	ND		ug/kg	3.8	--	1
Trichlorofluoromethane	ND		ug/kg	9.6	--	1
1,2-Dichloroethane	ND		ug/kg	3.8	--	1
1,1,1-Trichloroethane	ND		ug/kg	3.8	--	1
Bromodichloromethane	ND		ug/kg	3.8	--	1
trans-1,3-Dichloropropene	ND		ug/kg	3.8	--	1
cis-1,3-Dichloropropene	ND		ug/kg	3.8	--	1
Bromoform	ND		ug/kg	7.7	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	3.8	--	1
Benzene	ND		ug/kg	3.8	--	1
Toluene	ND		ug/kg	3.8	--	1
Ethylbenzene	ND		ug/kg	3.8	--	1
Chloromethane	ND		ug/kg	9.6	--	1
Bromomethane	ND		ug/kg	3.8	--	1
Vinyl chloride	ND		ug/kg	3.8	--	1
Chloroethane	ND		ug/kg	3.8	--	1
1,1-Dichloroethene	ND		ug/kg	3.8	--	1
trans-1,2-Dichloroethene	ND		ug/kg	3.8	--	1
Trichloroethene	250		ug/kg	3.8	--	1
1,2-Dichlorobenzene	ND		ug/kg	9.6	--	1
1,3-Dichlorobenzene	ND		ug/kg	9.6	--	1
1,4-Dichlorobenzene	ND		ug/kg	9.6	--	1
Methyl tert butyl ether	ND		ug/kg	3.8	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-22 Date Collected: 07/14/12 12:40

Client ID: S-12L-B005-16.5-17.0 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	7.7	--	1
o-Xylene	ND		ug/kg	7.7	--	1
Xylenes, Total	ND		ug/kg	7.7	--	1
cis-1,2-Dichloroethene	39		ug/kg	3.8	--	1
Styrene	ND		ug/kg	7.7	--	1
Dichlorodifluoromethane	ND		ug/kg	19	--	1
Acetone	ND		ug/kg	69	--	1
Carbon disulfide	ND		ug/kg	19	--	1
2-Butanone	ND		ug/kg	19	--	1
4-Methyl-2-pentanone	ND		ug/kg	19	--	1
2-Hexanone	ND		ug/kg	19	--	1
Bromochloromethane	ND		ug/kg	9.6	--	1
1,2-Dibromoethane	ND		ug/kg	7.7	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	9.6	--	1
Isopropylbenzene	ND		ug/kg	3.8	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	9.6	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	9.6	--	1
Methyl Acetate	ND		ug/kg	38	--	1
Cyclohexane	ND		ug/kg	38	--	1
1,4-Dioxane	ND		ug/kg	190	--	1
Methyl cyclohexane	ND		ug/kg	7.7	--	1
Freon-113	ND		ug/kg	38	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	102		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-23	Date Collected:	07/14/12 12:40
Client ID:	S-12L-B005-18.0-18.5	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/26/12 16:13		
Analyst:	BN		
Percent Solids:	86%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	14	--	1
1,1-Dichloroethane	ND		ug/kg	2.7	--	1
Chloroform	ND		ug/kg	2.7	--	1
Carbon tetrachloride	ND		ug/kg	2.7	--	1
1,2-Dichloropropane	ND		ug/kg	5.4	--	1
Dibromochloromethane	ND		ug/kg	2.7	--	1
1,1,2-Trichloroethane	ND		ug/kg	2.7	--	1
Tetrachloroethene	ND		ug/kg	2.7	--	1
Chlorobenzene	ND		ug/kg	2.7	--	1
Trichlorofluoromethane	ND		ug/kg	6.8	--	1
1,2-Dichloroethane	ND		ug/kg	2.7	--	1
1,1,1-Trichloroethane	ND		ug/kg	2.7	--	1
Bromodichloromethane	ND		ug/kg	2.7	--	1
trans-1,3-Dichloropropene	ND		ug/kg	2.7	--	1
cis-1,3-Dichloropropene	ND		ug/kg	2.7	--	1
Bromoform	ND		ug/kg	5.4	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.7	--	1
Benzene	ND		ug/kg	2.7	--	1
Toluene	ND		ug/kg	2.7	--	1
Ethylbenzene	ND		ug/kg	2.7	--	1
Chloromethane	ND		ug/kg	6.8	--	1
Bromomethane	ND		ug/kg	2.7	--	1
Vinyl chloride	ND		ug/kg	2.7	--	1
Chloroethane	ND		ug/kg	2.7	--	1
1,1-Dichloroethene	ND		ug/kg	2.7	--	1
trans-1,2-Dichloroethene	ND		ug/kg	2.7	--	1
Trichloroethene	120		ug/kg	2.7	--	1
1,2-Dichlorobenzene	ND		ug/kg	6.8	--	1
1,3-Dichlorobenzene	ND		ug/kg	6.8	--	1
1,4-Dichlorobenzene	ND		ug/kg	6.8	--	1
Methyl tert butyl ether	ND		ug/kg	2.7	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-23 Date Collected: 07/14/12 12:40

Client ID: S-12L-B005-18.0-18.5 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	5.4	--	1
o-Xylene	ND		ug/kg	5.4	--	1
Xylenes, Total	ND		ug/kg	5.4	--	1
cis-1,2-Dichloroethene	19		ug/kg	2.7	--	1
Styrene	ND		ug/kg	5.4	--	1
Dichlorodifluoromethane	ND		ug/kg	14	--	1
Acetone	ND		ug/kg	49	--	1
Carbon disulfide	ND		ug/kg	14	--	1
2-Butanone	ND		ug/kg	14	--	1
4-Methyl-2-pentanone	ND		ug/kg	14	--	1
2-Hexanone	ND		ug/kg	14	--	1
Bromochloromethane	ND		ug/kg	6.8	--	1
1,2-Dibromoethane	ND		ug/kg	5.4	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.8	--	1
Isopropylbenzene	ND		ug/kg	2.7	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.8	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.8	--	1
Methyl Acetate	ND		ug/kg	27	--	1
Cyclohexane	ND		ug/kg	27	--	1
1,4-Dioxane	ND		ug/kg	140	--	1
Methyl cyclohexane	ND		ug/kg	5.4	--	1
Freon-113	ND		ug/kg	27	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	100		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-24	Date Collected:	07/14/12 12:40
Client ID:	S-12L-B005-19.0-19.5	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/24/12 18:21		
Analyst:	BN		
Percent Solids:	93%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	7.2	--	1
1,1-Dichloroethane	ND		ug/kg	1.4	--	1
Chloroform	ND		ug/kg	1.4	--	1
Carbon tetrachloride	ND		ug/kg	1.4	--	1
1,2-Dichloropropane	ND		ug/kg	2.9	--	1
Dibromochloromethane	ND		ug/kg	1.4	--	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	--	1
Tetrachloroethene	ND		ug/kg	1.4	--	1
Chlorobenzene	ND		ug/kg	1.4	--	1
Trichlorofluoromethane	ND		ug/kg	3.6	--	1
1,2-Dichloroethane	ND		ug/kg	1.4	--	1
1,1,1-Trichloroethane	ND		ug/kg	1.4	--	1
Bromodichloromethane	ND		ug/kg	1.4	--	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	--	1
cis-1,3-Dichloropropene	ND		ug/kg	1.4	--	1
Bromoform	ND		ug/kg	2.9	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.4	--	1
Benzene	ND		ug/kg	1.4	--	1
Toluene	ND		ug/kg	1.4	--	1
Ethylbenzene	ND		ug/kg	1.4	--	1
Chloromethane	ND		ug/kg	3.6	--	1
Bromomethane	ND		ug/kg	1.4	--	1
Vinyl chloride	ND		ug/kg	1.4	--	1
Chloroethane	ND		ug/kg	1.4	--	1
1,1-Dichloroethene	ND		ug/kg	1.4	--	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	--	1
Trichloroethene	ND		ug/kg	1.4	--	1
1,2-Dichlorobenzene	ND		ug/kg	3.6	--	1
1,3-Dichlorobenzene	ND		ug/kg	3.6	--	1
1,4-Dichlorobenzene	ND		ug/kg	3.6	--	1
Methyl tert butyl ether	ND		ug/kg	1.4	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-24 Date Collected: 07/14/12 12:40

Client ID: S-12L-B005-19.0-19.5 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	2.9	--	1
o-Xylene	ND		ug/kg	2.9	--	1
Xylenes, Total	ND		ug/kg	2.9	--	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	--	1
Styrene	ND		ug/kg	2.9	--	1
Dichlorodifluoromethane	ND		ug/kg	7.2	--	1
Acetone	ND		ug/kg	26	--	1
Carbon disulfide	ND		ug/kg	7.2	--	1
2-Butanone	ND		ug/kg	7.2	--	1
4-Methyl-2-pentanone	ND		ug/kg	7.2	--	1
2-Hexanone	ND		ug/kg	7.2	--	1
Bromochloromethane	ND		ug/kg	3.6	--	1
1,2-Dibromoethane	ND		ug/kg	2.9	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	--	1
Isopropylbenzene	ND		ug/kg	1.4	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.6	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.6	--	1
Methyl Acetate	ND		ug/kg	14	--	1
Cyclohexane	ND		ug/kg	14	--	1
1,4-Dioxane	ND		ug/kg	72	--	1
Methyl cyclohexane	ND		ug/kg	2.9	--	1
Freon-113	ND		ug/kg	14	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	100		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-25	Date Collected:	07/14/12 13:20
Client ID:	S-12L-B005-21.0-21.5	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/26/12 16:41		
Analyst:	BN		
Percent Solids:	84%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	14	--	1
1,1-Dichloroethane	ND		ug/kg	2.8	--	1
Chloroform	ND		ug/kg	2.8	--	1
Carbon tetrachloride	ND		ug/kg	2.8	--	1
1,2-Dichloropropane	ND		ug/kg	5.7	--	1
Dibromochloromethane	ND		ug/kg	2.8	--	1
1,1,2-Trichloroethane	ND		ug/kg	2.8	--	1
Tetrachloroethene	ND		ug/kg	2.8	--	1
Chlorobenzene	ND		ug/kg	2.8	--	1
Trichlorofluoromethane	ND		ug/kg	7.1	--	1
1,2-Dichloroethane	ND		ug/kg	2.8	--	1
1,1,1-Trichloroethane	ND		ug/kg	2.8	--	1
Bromodichloromethane	ND		ug/kg	2.8	--	1
trans-1,3-Dichloropropene	ND		ug/kg	2.8	--	1
cis-1,3-Dichloropropene	ND		ug/kg	2.8	--	1
Bromoform	ND		ug/kg	5.7	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.8	--	1
Benzene	ND		ug/kg	2.8	--	1
Toluene	ND		ug/kg	2.8	--	1
Ethylbenzene	ND		ug/kg	2.8	--	1
Chloromethane	ND		ug/kg	7.1	--	1
Bromomethane	ND		ug/kg	2.8	--	1
Vinyl chloride	ND		ug/kg	2.8	--	1
Chloroethane	ND		ug/kg	2.8	--	1
1,1-Dichloroethene	ND		ug/kg	2.8	--	1
trans-1,2-Dichloroethene	ND		ug/kg	2.8	--	1
Trichloroethene	17		ug/kg	2.8	--	1
1,2-Dichlorobenzene	ND		ug/kg	7.1	--	1
1,3-Dichlorobenzene	ND		ug/kg	7.1	--	1
1,4-Dichlorobenzene	ND		ug/kg	7.1	--	1
Methyl tert butyl ether	ND		ug/kg	2.8	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-25 Date Collected: 07/14/12 13:20

Client ID: S-12L-B005-21.0-21.5 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	5.7	--	1
o-Xylene	ND		ug/kg	5.7	--	1
Xylenes, Total	ND		ug/kg	5.7	--	1
cis-1,2-Dichloroethene	5.0		ug/kg	2.8	--	1
Styrene	ND		ug/kg	5.7	--	1
Dichlorodifluoromethane	ND		ug/kg	14	--	1
Acetone	ND		ug/kg	51	--	1
Carbon disulfide	ND		ug/kg	14	--	1
2-Butanone	ND		ug/kg	14	--	1
4-Methyl-2-pentanone	ND		ug/kg	14	--	1
2-Hexanone	ND		ug/kg	14	--	1
Bromochloromethane	ND		ug/kg	7.1	--	1
1,2-Dibromoethane	ND		ug/kg	5.7	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.1	--	1
Isopropylbenzene	ND		ug/kg	2.8	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.1	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.1	--	1
Methyl Acetate	ND		ug/kg	28	--	1
Cyclohexane	ND		ug/kg	28	--	1
1,4-Dioxane	ND		ug/kg	140	--	1
Methyl cyclohexane	ND		ug/kg	5.7	--	1
Freon-113	ND		ug/kg	28	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	101		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-26	Date Collected:	07/17/12 15:30
Client ID:	S-12L-B011-0.2-0.7	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/24/12 18:48		
Analyst:	BN		
Percent Solids:	40%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	34	--	1
1,1-Dichloroethane	ND		ug/kg	6.8	--	1
Chloroform	ND		ug/kg	6.8	--	1
Carbon tetrachloride	ND		ug/kg	6.8	--	1
1,2-Dichloropropane	ND		ug/kg	14	--	1
Dibromochloromethane	ND		ug/kg	6.8	--	1
1,1,2-Trichloroethane	ND		ug/kg	6.8	--	1
Tetrachloroethene	ND		ug/kg	6.8	--	1
Chlorobenzene	12		ug/kg	6.8	--	1
Trichlorofluoromethane	ND		ug/kg	17	--	1
1,2-Dichloroethane	ND		ug/kg	6.8	--	1
1,1,1-Trichloroethane	ND		ug/kg	6.8	--	1
Bromodichloromethane	ND		ug/kg	6.8	--	1
trans-1,3-Dichloropropene	ND		ug/kg	6.8	--	1
cis-1,3-Dichloropropene	ND		ug/kg	6.8	--	1
Bromoform	ND		ug/kg	14	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	6.8	--	1
Benzene	ND		ug/kg	6.8	--	1
Toluene	ND		ug/kg	6.8	--	1
Ethylbenzene	ND		ug/kg	6.8	--	1
Chloromethane	ND		ug/kg	17	--	1
Bromomethane	ND		ug/kg	6.8	--	1
Vinyl chloride	ND		ug/kg	6.8	--	1
Chloroethane	ND		ug/kg	6.8	--	1
1,1-Dichloroethene	ND		ug/kg	6.8	--	1
trans-1,2-Dichloroethene	ND		ug/kg	6.8	--	1
Trichloroethene	ND		ug/kg	6.8	--	1
1,2-Dichlorobenzene	ND		ug/kg	17	--	1
1,3-Dichlorobenzene	410		ug/kg	17	--	1
1,4-Dichlorobenzene	320		ug/kg	17	--	1
Methyl tert butyl ether	ND		ug/kg	6.8	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-26 Date Collected: 07/17/12 15:30

Client ID: S-12L-B011-0.2-0.7 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	14	--	1
o-Xylene	ND		ug/kg	14	--	1
Xylenes, Total	ND		ug/kg	14	--	1
cis-1,2-Dichloroethene	ND		ug/kg	6.8	--	1
Styrene	ND		ug/kg	14	--	1
Dichlorodifluoromethane	ND		ug/kg	34	--	1
Acetone	240		ug/kg	120	--	1
Carbon disulfide	57		ug/kg	34	--	1
2-Butanone	45		ug/kg	34	--	1
4-Methyl-2-pentanone	ND		ug/kg	34	--	1
2-Hexanone	ND		ug/kg	34	--	1
Bromochloromethane	ND		ug/kg	17	--	1
1,2-Dibromoethane	ND		ug/kg	14	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	17	--	1
Isopropylbenzene	ND		ug/kg	6.8	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	17	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	17	--	1
Methyl Acetate	ND		ug/kg	68	--	1
Cyclohexane	ND		ug/kg	68	--	1
1,4-Dioxane	ND		ug/kg	340	--	1
Methyl cyclohexane	ND		ug/kg	14	--	1
Freon-113	ND		ug/kg	68	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	122		70-130
Dibromofluoromethane	101		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-27	Date Collected:	07/17/12 15:30
Client ID:	S-12L-B011-2.0-2.5	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/26/12 02:53		
Analyst:	JL		
Percent Solids:	87%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	750	--	1
1,1-Dichloroethane	ND		ug/kg	150	--	1
Chloroform	ND		ug/kg	150	--	1
Carbon tetrachloride	ND		ug/kg	150	--	1
1,2-Dichloropropane	ND		ug/kg	300	--	1
Dibromochloromethane	ND		ug/kg	150	--	1
1,1,2-Trichloroethane	ND		ug/kg	150	--	1
Tetrachloroethene	ND		ug/kg	150	--	1
Chlorobenzene	ND		ug/kg	150	--	1
Trichlorofluoromethane	ND		ug/kg	370	--	1
1,2-Dichloroethane	ND		ug/kg	150	--	1
1,1,1-Trichloroethane	ND		ug/kg	150	--	1
Bromodichloromethane	ND		ug/kg	150	--	1
trans-1,3-Dichloropropene	ND		ug/kg	150	--	1
cis-1,3-Dichloropropene	ND		ug/kg	150	--	1
Bromoform	ND		ug/kg	300	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	150	--	1
Benzene	ND		ug/kg	150	--	1
Toluene	ND		ug/kg	150	--	1
Ethylbenzene	ND		ug/kg	150	--	1
Chloromethane	ND		ug/kg	370	--	1
Bromomethane	ND		ug/kg	150	--	1
Vinyl chloride	ND		ug/kg	150	--	1
Chloroethane	ND		ug/kg	150	--	1
1,1-Dichloroethene	ND		ug/kg	150	--	1
trans-1,2-Dichloroethene	ND		ug/kg	150	--	1
Trichloroethene	1300		ug/kg	150	--	1
1,2-Dichlorobenzene	ND		ug/kg	370	--	1
1,3-Dichlorobenzene	ND		ug/kg	370	--	1
1,4-Dichlorobenzene	ND		ug/kg	370	--	1
Methyl tert butyl ether	ND		ug/kg	150	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-27 Date Collected: 07/17/12 15:30

Client ID: S-12L-B011-2.0-2.5 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	300	--	1
o-Xylene	ND		ug/kg	300	--	1
Xylenes, Total	ND		ug/kg	300	--	1
cis-1,2-Dichloroethene	320		ug/kg	150	--	1
Styrene	ND		ug/kg	300	--	1
Dichlorodifluoromethane	ND		ug/kg	750	--	1
Acetone	ND		ug/kg	2700	--	1
Carbon disulfide	ND		ug/kg	750	--	1
2-Butanone	ND		ug/kg	750	--	1
4-Methyl-2-pentanone	ND		ug/kg	750	--	1
2-Hexanone	ND		ug/kg	750	--	1
Bromochloromethane	ND		ug/kg	370	--	1
1,2-Dibromoethane	ND		ug/kg	300	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	370	--	1
Isopropylbenzene	ND		ug/kg	150	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	370	--	1
1,2,4-Trichlorobenzene	520		ug/kg	370	--	1
Methyl Acetate	ND		ug/kg	1500	--	1
Cyclohexane	ND		ug/kg	1500	--	1
1,4-Dioxane	ND		ug/kg	7500	--	1
Methyl cyclohexane	ND		ug/kg	300	--	1
Freon-113	ND		ug/kg	1500	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	112		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	94		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-28	Date Collected:	07/17/12 15:30
Client ID:	S-12L-B011-2.0-2.5 REP	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/26/12 03:20		
Analyst:	JL		
Percent Solids:	87%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	800	--	1
1,1-Dichloroethane	ND		ug/kg	160	--	1
Chloroform	ND		ug/kg	160	--	1
Carbon tetrachloride	ND		ug/kg	160	--	1
1,2-Dichloropropane	ND		ug/kg	320	--	1
Dibromochloromethane	ND		ug/kg	160	--	1
1,1,2-Trichloroethane	ND		ug/kg	160	--	1
Tetrachloroethene	ND		ug/kg	160	--	1
Chlorobenzene	ND		ug/kg	160	--	1
Trichlorofluoromethane	ND		ug/kg	400	--	1
1,2-Dichloroethane	ND		ug/kg	160	--	1
1,1,1-Trichloroethane	ND		ug/kg	160	--	1
Bromodichloromethane	ND		ug/kg	160	--	1
trans-1,3-Dichloropropene	ND		ug/kg	160	--	1
cis-1,3-Dichloropropene	ND		ug/kg	160	--	1
Bromoform	ND		ug/kg	320	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	160	--	1
Benzene	ND		ug/kg	160	--	1
Toluene	ND		ug/kg	160	--	1
Ethylbenzene	ND		ug/kg	160	--	1
Chloromethane	ND		ug/kg	400	--	1
Bromomethane	ND		ug/kg	160	--	1
Vinyl chloride	ND		ug/kg	160	--	1
Chloroethane	ND		ug/kg	160	--	1
1,1-Dichloroethene	ND		ug/kg	160	--	1
trans-1,2-Dichloroethene	ND		ug/kg	160	--	1
Trichloroethene	1300		ug/kg	160	--	1
1,2-Dichlorobenzene	ND		ug/kg	400	--	1
1,3-Dichlorobenzene	ND		ug/kg	400	--	1
1,4-Dichlorobenzene	ND		ug/kg	400	--	1
Methyl tert butyl ether	ND		ug/kg	160	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-28 Date Collected: 07/17/12 15:30

Client ID: S-12L-B011-2.0-2.5 REP Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	320	--	1
o-Xylene	ND		ug/kg	320	--	1
Xylenes, Total	ND		ug/kg	320	--	1
cis-1,2-Dichloroethene	330		ug/kg	160	--	1
Styrene	ND		ug/kg	320	--	1
Dichlorodifluoromethane	ND		ug/kg	800	--	1
Acetone	ND		ug/kg	2900	--	1
Carbon disulfide	ND		ug/kg	800	--	1
2-Butanone	ND		ug/kg	800	--	1
4-Methyl-2-pentanone	ND		ug/kg	800	--	1
2-Hexanone	ND		ug/kg	800	--	1
Bromochloromethane	ND		ug/kg	400	--	1
1,2-Dibromoethane	ND		ug/kg	320	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	400	--	1
Isopropylbenzene	ND		ug/kg	160	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	400	--	1
1,2,4-Trichlorobenzene	510		ug/kg	400	--	1
Methyl Acetate	ND		ug/kg	1600	--	1
Cyclohexane	ND		ug/kg	1600	--	1
1,4-Dioxane	ND		ug/kg	8000	--	1
Methyl cyclohexane	ND		ug/kg	320	--	1
Freon-113	ND		ug/kg	1600	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	113		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	93		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-29	Date Collected:	07/18/12 07:15
Client ID:	TB-071812-03	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/26/12 16:10		
Analyst:	BN		
Percent Solids:	Results reported on an 'AS RECEIVED' basis.		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	500	--	1
1,1-Dichloroethane	ND		ug/kg	100	--	1
Chloroform	ND		ug/kg	100	--	1
Carbon tetrachloride	ND		ug/kg	100	--	1
1,2-Dichloropropane	ND		ug/kg	200	--	1
Dibromochloromethane	ND		ug/kg	100	--	1
1,1,2-Trichloroethane	ND		ug/kg	100	--	1
Tetrachloroethene	ND		ug/kg	100	--	1
Chlorobenzene	ND		ug/kg	100	--	1
Trichlorofluoromethane	ND		ug/kg	250	--	1
1,2-Dichloroethane	ND		ug/kg	100	--	1
1,1,1-Trichloroethane	ND		ug/kg	100	--	1
Bromodichloromethane	ND		ug/kg	100	--	1
trans-1,3-Dichloropropene	ND		ug/kg	100	--	1
cis-1,3-Dichloropropene	ND		ug/kg	100	--	1
Bromoform	ND		ug/kg	200	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	100	--	1
Benzene	ND		ug/kg	100	--	1
Toluene	ND		ug/kg	100	--	1
Ethylbenzene	ND		ug/kg	100	--	1
Chloromethane	ND		ug/kg	250	--	1
Bromomethane	ND		ug/kg	100	--	1
Vinyl chloride	ND		ug/kg	100	--	1
Chloroethane	ND		ug/kg	100	--	1
1,1-Dichloroethene	ND		ug/kg	100	--	1
trans-1,2-Dichloroethene	ND		ug/kg	100	--	1
Trichloroethene	ND		ug/kg	100	--	1
1,2-Dichlorobenzene	ND		ug/kg	250	--	1
1,3-Dichlorobenzene	ND		ug/kg	250	--	1
1,4-Dichlorobenzene	ND		ug/kg	250	--	1
Methyl tert butyl ether	ND		ug/kg	100	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-29 Date Collected: 07/18/12 07:15

Client ID: TB-071812-03 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	200	--	1
o-Xylene	ND		ug/kg	200	--	1
Xylenes, Total	ND		ug/kg	200	--	1
cis-1,2-Dichloroethene	ND		ug/kg	100	--	1
Styrene	ND		ug/kg	200	--	1
Dichlorodifluoromethane	ND		ug/kg	500	--	1
Acetone	ND		ug/kg	1800	--	1
Carbon disulfide	ND		ug/kg	500	--	1
2-Butanone	ND		ug/kg	500	--	1
4-Methyl-2-pentanone	ND		ug/kg	500	--	1
2-Hexanone	ND		ug/kg	500	--	1
Bromochloromethane	ND		ug/kg	250	--	1
1,2-Dibromoethane	ND		ug/kg	200	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	--	1
Isopropylbenzene	ND		ug/kg	100	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	250	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	250	--	1
Methyl Acetate	ND		ug/kg	1000	--	1
Cyclohexane	ND		ug/kg	1000	--	1
1,4-Dioxane	ND		ug/kg	5000	--	1
Methyl cyclohexane	ND		ug/kg	200	--	1
Freon-113	ND		ug/kg	1000	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	97		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/24/12 09:34
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 08-14,16,20,24,26 Batch: WG550848-3					
Methylene chloride	ND		ug/kg	10	--
1,1-Dichloroethane	ND		ug/kg	2.0	--
Chloroform	ND		ug/kg	2.0	--
Carbon tetrachloride	ND		ug/kg	2.0	--
1,2-Dichloropropane	ND		ug/kg	4.0	--
Dibromochloromethane	ND		ug/kg	2.0	--
1,1,2-Trichloroethane	ND		ug/kg	2.0	--
Tetrachloroethene	ND		ug/kg	2.0	--
Chlorobenzene	ND		ug/kg	2.0	--
Trichlorofluoromethane	ND		ug/kg	5.0	--
1,2-Dichloroethane	ND		ug/kg	2.0	--
1,1,1-Trichloroethane	ND		ug/kg	2.0	--
Bromodichloromethane	ND		ug/kg	2.0	--
trans-1,3-Dichloropropene	ND		ug/kg	2.0	--
cis-1,3-Dichloropropene	ND		ug/kg	2.0	--
Bromoform	ND		ug/kg	4.0	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.0	--
Benzene	ND		ug/kg	2.0	--
Toluene	ND		ug/kg	2.0	--
Ethylbenzene	ND		ug/kg	2.0	--
Chloromethane	ND		ug/kg	5.0	--
Bromomethane	ND		ug/kg	2.0	--
Vinyl chloride	ND		ug/kg	2.0	--
Chloroethane	ND		ug/kg	2.0	--
1,1-Dichloroethene	ND		ug/kg	2.0	--
trans-1,2-Dichloroethene	ND		ug/kg	2.0	--
Trichloroethene	ND		ug/kg	2.0	--
1,2-Dichlorobenzene	ND		ug/kg	5.0	--
1,3-Dichlorobenzene	ND		ug/kg	5.0	--
1,4-Dichlorobenzene	ND		ug/kg	5.0	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/24/12 09:34
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 08-14,16,20,24,26 Batch: WG550848-3					
Methyl tert butyl ether	ND		ug/kg	2.0	--
p/m-Xylene	ND		ug/kg	4.0	--
o-Xylene	ND		ug/kg	4.0	--
Xylenes, Total	ND		ug/kg	4.0	--
cis-1,2-Dichloroethene	ND		ug/kg	2.0	--
Styrene	ND		ug/kg	4.0	--
Dichlorodifluoromethane	ND		ug/kg	10	--
Acetone	ND		ug/kg	36	--
Carbon disulfide	ND		ug/kg	10	--
2-Butanone	ND		ug/kg	10	--
4-Methyl-2-pentanone	ND		ug/kg	10	--
2-Hexanone	ND		ug/kg	10	--
Bromochloromethane	ND		ug/kg	5.0	--
1,2-Dibromoethane	ND		ug/kg	4.0	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	--
Isopropylbenzene	ND		ug/kg	2.0	--
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	--
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	--
Methyl Acetate	ND		ug/kg	20	--
Cyclohexane	ND		ug/kg	20	--
1,4-Dioxane	ND		ug/kg	100	--
Methyl cyclohexane	ND		ug/kg	4.0	--
Freon-113	ND		ug/kg	20	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/24/12 09:34
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 08-14,16,20,24,26 Batch: WG550848-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	101		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/25/12 08:30
Analyst: PP

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 03-04,09,13 Batch: WG551070-3					
Methylene chloride	ND		ug/kg	500	--
1,1-Dichloroethane	ND		ug/kg	100	--
Chloroform	ND		ug/kg	100	--
Carbon tetrachloride	ND		ug/kg	100	--
1,2-Dichloropropane	ND		ug/kg	200	--
Dibromochloromethane	ND		ug/kg	100	--
1,1,2-Trichloroethane	ND		ug/kg	100	--
Tetrachloroethene	ND		ug/kg	100	--
Chlorobenzene	ND		ug/kg	100	--
Trichlorofluoromethane	ND		ug/kg	250	--
1,2-Dichloroethane	ND		ug/kg	100	--
1,1,1-Trichloroethane	ND		ug/kg	100	--
Bromodichloromethane	ND		ug/kg	100	--
trans-1,3-Dichloropropene	ND		ug/kg	100	--
cis-1,3-Dichloropropene	ND		ug/kg	100	--
Bromoform	ND		ug/kg	200	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	100	--
Benzene	ND		ug/kg	100	--
Toluene	ND		ug/kg	100	--
Ethylbenzene	ND		ug/kg	100	--
Chloromethane	ND		ug/kg	250	--
Bromomethane	ND		ug/kg	100	--
Vinyl chloride	ND		ug/kg	100	--
Chloroethane	ND		ug/kg	100	--
1,1-Dichloroethene	ND		ug/kg	100	--
trans-1,2-Dichloroethene	ND		ug/kg	100	--
Trichloroethene	ND		ug/kg	100	--
1,2-Dichlorobenzene	ND		ug/kg	250	--
1,3-Dichlorobenzene	ND		ug/kg	250	--
1,4-Dichlorobenzene	ND		ug/kg	250	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/25/12 08:30
Analyst: PP

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 03-04,09,13 Batch: WG551070-3					
Methyl tert butyl ether	ND		ug/kg	100	--
p/m-Xylene	ND		ug/kg	200	--
o-Xylene	ND		ug/kg	200	--
Xylenes, Total	ND		ug/kg	200	--
cis-1,2-Dichloroethene	ND		ug/kg	100	--
Styrene	ND		ug/kg	200	--
Dichlorodifluoromethane	ND		ug/kg	500	--
Acetone	ND		ug/kg	1800	--
Carbon disulfide	ND		ug/kg	500	--
2-Butanone	ND		ug/kg	500	--
4-Methyl-2-pentanone	ND		ug/kg	500	--
2-Hexanone	ND		ug/kg	500	--
Bromochloromethane	ND		ug/kg	250	--
1,2-Dibromoethane	ND		ug/kg	200	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	--
Isopropylbenzene	ND		ug/kg	100	--
1,2,3-Trichlorobenzene	ND		ug/kg	250	--
1,2,4-Trichlorobenzene	ND		ug/kg	250	--
Methyl Acetate	ND		ug/kg	1000	--
Cyclohexane	ND		ug/kg	1000	--
1,4-Dioxane	ND		ug/kg	5000	--
Methyl cyclohexane	ND		ug/kg	200	--
Freon-113	ND		ug/kg	1000	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/25/12 08:30
Analyst: PP

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 03-04,09,13 Batch: WG551070-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	112		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	97		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/25/12 21:28
Analyst: JL

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 06-07,18-19,27-28 Batch: WG551082-3					
Methylene chloride	ND		ug/kg	500	--
1,1-Dichloroethane	ND		ug/kg	100	--
Chloroform	ND		ug/kg	100	--
Carbon tetrachloride	ND		ug/kg	100	--
1,2-Dichloropropane	ND		ug/kg	200	--
Dibromochloromethane	ND		ug/kg	100	--
1,1,2-Trichloroethane	ND		ug/kg	100	--
Tetrachloroethene	ND		ug/kg	100	--
Chlorobenzene	ND		ug/kg	100	--
Trichlorofluoromethane	ND		ug/kg	250	--
1,2-Dichloroethane	ND		ug/kg	100	--
1,1,1-Trichloroethane	ND		ug/kg	100	--
Bromodichloromethane	ND		ug/kg	100	--
trans-1,3-Dichloropropene	ND		ug/kg	100	--
cis-1,3-Dichloropropene	ND		ug/kg	100	--
Bromoform	ND		ug/kg	200	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	100	--
Benzene	ND		ug/kg	100	--
Toluene	ND		ug/kg	100	--
Ethylbenzene	ND		ug/kg	100	--
Chloromethane	ND		ug/kg	250	--
Bromomethane	ND		ug/kg	100	--
Vinyl chloride	ND		ug/kg	100	--
Chloroethane	ND		ug/kg	100	--
1,1-Dichloroethene	ND		ug/kg	100	--
trans-1,2-Dichloroethene	ND		ug/kg	100	--
Trichloroethene	ND		ug/kg	100	--
1,2-Dichlorobenzene	ND		ug/kg	250	--
1,3-Dichlorobenzene	ND		ug/kg	250	--
1,4-Dichlorobenzene	ND		ug/kg	250	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/25/12 21:28
Analyst: JL

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 06-07,18-19,27-28 Batch: WG551082-3					
Methyl tert butyl ether	ND		ug/kg	100	--
p/m-Xylene	ND		ug/kg	200	--
o-Xylene	ND		ug/kg	200	--
Xylenes, Total	ND		ug/kg	200	--
cis-1,2-Dichloroethene	ND		ug/kg	100	--
Styrene	ND		ug/kg	200	--
Dichlorodifluoromethane	ND		ug/kg	500	--
Acetone	ND		ug/kg	1800	--
Carbon disulfide	ND		ug/kg	500	--
2-Butanone	ND		ug/kg	500	--
4-Methyl-2-pentanone	ND		ug/kg	500	--
2-Hexanone	ND		ug/kg	500	--
Bromochloromethane	ND		ug/kg	250	--
1,2-Dibromoethane	ND		ug/kg	200	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	--
Isopropylbenzene	ND		ug/kg	100	--
1,2,3-Trichlorobenzene	ND		ug/kg	250	--
1,2,4-Trichlorobenzene	ND		ug/kg	250	--
Methyl Acetate	ND		ug/kg	1000	--
Cyclohexane	ND		ug/kg	1000	--
1,4-Dioxane	ND		ug/kg	5000	--
Methyl cyclohexane	ND		ug/kg	200	--
Freon-113	ND		ug/kg	1000	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/25/12 21:28
Analyst: JL

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 06-07,18-19,27-28 Batch: WG551082-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	112		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	98		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/26/12 08:23
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 15,21-23,25 Batch: WG551150-3					
Methylene chloride	ND		ug/kg	10	--
1,1-Dichloroethane	ND		ug/kg	2.0	--
Chloroform	ND		ug/kg	2.0	--
Carbon tetrachloride	ND		ug/kg	2.0	--
1,2-Dichloropropane	ND		ug/kg	4.0	--
Dibromochloromethane	ND		ug/kg	2.0	--
1,1,2-Trichloroethane	ND		ug/kg	2.0	--
Tetrachloroethene	ND		ug/kg	2.0	--
Chlorobenzene	ND		ug/kg	2.0	--
Trichlorofluoromethane	ND		ug/kg	5.0	--
1,2-Dichloroethane	ND		ug/kg	2.0	--
1,1,1-Trichloroethane	ND		ug/kg	2.0	--
Bromodichloromethane	ND		ug/kg	2.0	--
trans-1,3-Dichloropropene	ND		ug/kg	2.0	--
cis-1,3-Dichloropropene	ND		ug/kg	2.0	--
Bromoform	ND		ug/kg	4.0	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.0	--
Benzene	ND		ug/kg	2.0	--
Toluene	ND		ug/kg	2.0	--
Ethylbenzene	ND		ug/kg	2.0	--
Chloromethane	ND		ug/kg	5.0	--
Bromomethane	ND		ug/kg	2.0	--
Vinyl chloride	ND		ug/kg	2.0	--
Chloroethane	ND		ug/kg	2.0	--
1,1-Dichloroethene	ND		ug/kg	2.0	--
trans-1,2-Dichloroethene	ND		ug/kg	2.0	--
Trichloroethene	ND		ug/kg	2.0	--
1,2-Dichlorobenzene	ND		ug/kg	5.0	--
1,3-Dichlorobenzene	ND		ug/kg	5.0	--
1,4-Dichlorobenzene	ND		ug/kg	5.0	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/26/12 08:23
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 15,21-23,25 Batch: WG551150-3					
Methyl tert butyl ether	ND		ug/kg	2.0	--
p/m-Xylene	ND		ug/kg	4.0	--
o-Xylene	ND		ug/kg	4.0	--
Xylenes, Total	ND		ug/kg	4.0	--
cis-1,2-Dichloroethene	ND		ug/kg	2.0	--
Styrene	ND		ug/kg	4.0	--
Dichlorodifluoromethane	ND		ug/kg	10	--
Acetone	ND		ug/kg	36	--
Carbon disulfide	ND		ug/kg	10	--
2-Butanone	ND		ug/kg	10	--
4-Methyl-2-pentanone	ND		ug/kg	10	--
2-Hexanone	ND		ug/kg	10	--
Bromochloromethane	ND		ug/kg	5.0	--
1,2-Dibromoethane	ND		ug/kg	4.0	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	--
Isopropylbenzene	ND		ug/kg	2.0	--
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	--
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	--
Methyl Acetate	ND		ug/kg	20	--
Cyclohexane	ND		ug/kg	20	--
1,4-Dioxane	ND		ug/kg	100	--
Methyl cyclohexane	ND		ug/kg	4.0	--
Freon-113	ND		ug/kg	20	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/26/12 08:23
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 15,21-23,25 Batch: WG551150-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	100		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/26/12 08:49
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 02,29 Batch: WG551181-3					
Methylene chloride	ND		ug/kg	500	--
1,1-Dichloroethane	ND		ug/kg	100	--
Chloroform	ND		ug/kg	100	--
Carbon tetrachloride	ND		ug/kg	100	--
1,2-Dichloropropane	ND		ug/kg	200	--
Dibromochloromethane	ND		ug/kg	100	--
1,1,2-Trichloroethane	ND		ug/kg	100	--
Tetrachloroethene	ND		ug/kg	100	--
Chlorobenzene	ND		ug/kg	100	--
Trichlorofluoromethane	ND		ug/kg	250	--
1,2-Dichloroethane	ND		ug/kg	100	--
1,1,1-Trichloroethane	ND		ug/kg	100	--
Bromodichloromethane	ND		ug/kg	100	--
trans-1,3-Dichloropropene	ND		ug/kg	100	--
cis-1,3-Dichloropropene	ND		ug/kg	100	--
Bromoform	ND		ug/kg	200	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	100	--
Benzene	ND		ug/kg	100	--
Toluene	ND		ug/kg	100	--
Ethylbenzene	ND		ug/kg	100	--
Chloromethane	ND		ug/kg	250	--
Bromomethane	ND		ug/kg	100	--
Vinyl chloride	ND		ug/kg	100	--
Chloroethane	ND		ug/kg	100	--
1,1-Dichloroethene	ND		ug/kg	100	--
trans-1,2-Dichloroethene	ND		ug/kg	100	--
Trichloroethene	ND		ug/kg	100	--
1,2-Dichlorobenzene	ND		ug/kg	250	--
1,3-Dichlorobenzene	ND		ug/kg	250	--
1,4-Dichlorobenzene	ND		ug/kg	250	--
Methyl tert butyl ether	ND		ug/kg	100	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/26/12 08:49
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 02,29 Batch: WG551181-3					
p/m-Xylene	ND		ug/kg	200	--
o-Xylene	ND		ug/kg	200	--
Xylenes, Total	ND		ug/kg	200	--
cis-1,2-Dichloroethene	ND		ug/kg	100	--
Styrene	ND		ug/kg	200	--
Dichlorodifluoromethane	ND		ug/kg	500	--
Acetone	ND		ug/kg	1800	--
Carbon disulfide	ND		ug/kg	500	--
2-Butanone	ND		ug/kg	500	--
4-Methyl-2-pentanone	ND		ug/kg	500	--
2-Hexanone	ND		ug/kg	500	--
Bromochloromethane	ND		ug/kg	250	--
1,2-Dibromoethane	ND		ug/kg	200	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	--
Isopropylbenzene	ND		ug/kg	100	--
1,2,3-Trichlorobenzene	ND		ug/kg	250	--
1,2,4-Trichlorobenzene	ND		ug/kg	250	--
Methyl Acetate	ND		ug/kg	1000	--
Cyclohexane	ND		ug/kg	1000	--
1,4-Dioxane	ND		ug/kg	5000	--
Methyl cyclohexane	ND		ug/kg	200	--
Freon-113	ND		ug/kg	1000	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	100		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/27/12 08:32
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 15 Batch: WG551392-3					
Methylene chloride	ND		ug/kg	500	--
1,1-Dichloroethane	ND		ug/kg	100	--
Chloroform	ND		ug/kg	100	--
Carbon tetrachloride	ND		ug/kg	100	--
1,2-Dichloropropane	ND		ug/kg	200	--
Dibromochloromethane	ND		ug/kg	100	--
1,1,2-Trichloroethane	ND		ug/kg	100	--
Tetrachloroethene	ND		ug/kg	100	--
Chlorobenzene	ND		ug/kg	100	--
Trichlorofluoromethane	ND		ug/kg	250	--
1,2-Dichloroethane	ND		ug/kg	100	--
1,1,1-Trichloroethane	ND		ug/kg	100	--
Bromodichloromethane	ND		ug/kg	100	--
trans-1,3-Dichloropropene	ND		ug/kg	100	--
cis-1,3-Dichloropropene	ND		ug/kg	100	--
Bromoform	ND		ug/kg	200	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	100	--
Benzene	ND		ug/kg	100	--
Toluene	ND		ug/kg	100	--
Ethylbenzene	ND		ug/kg	100	--
Chloromethane	ND		ug/kg	250	--
Bromomethane	ND		ug/kg	100	--
Vinyl chloride	ND		ug/kg	100	--
Chloroethane	ND		ug/kg	100	--
1,1-Dichloroethene	ND		ug/kg	100	--
trans-1,2-Dichloroethene	ND		ug/kg	100	--
Trichloroethene	ND		ug/kg	100	--
1,2-Dichlorobenzene	ND		ug/kg	250	--
1,3-Dichlorobenzene	ND		ug/kg	250	--
1,4-Dichlorobenzene	ND		ug/kg	250	--
Methyl tert butyl ether	ND		ug/kg	100	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/27/12 08:32
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 15 Batch: WG551392-3					
p/m-Xylene	ND		ug/kg	200	--
o-Xylene	ND		ug/kg	200	--
Xylenes, Total	ND		ug/kg	200	--
cis-1,2-Dichloroethene	ND		ug/kg	100	--
Styrene	ND		ug/kg	200	--
Dichlorodifluoromethane	ND		ug/kg	500	--
Acetone	ND		ug/kg	1800	--
Carbon disulfide	ND		ug/kg	500	--
2-Butanone	ND		ug/kg	500	--
4-Methyl-2-pentanone	ND		ug/kg	500	--
2-Hexanone	ND		ug/kg	500	--
Bromochloromethane	ND		ug/kg	250	--
1,2-Dibromoethane	ND		ug/kg	200	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	--
Isopropylbenzene	ND		ug/kg	100	--
1,2,3-Trichlorobenzene	ND		ug/kg	250	--
1,2,4-Trichlorobenzene	ND		ug/kg	250	--
Methyl Acetate	ND		ug/kg	1000	--
Cyclohexane	ND		ug/kg	1000	--
1,4-Dioxane	ND		ug/kg	5000	--
Methyl cyclohexane	ND		ug/kg	200	--
Freon-113	ND		ug/kg	1000	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	110		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	99		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/27/12 09:27
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,05,17 Batch: WG551586-3					
Methylene chloride	ND		ug/l	3.0	--
1,1-Dichloroethane	ND		ug/l	0.75	--
Chloroform	ND		ug/l	0.75	--
Carbon tetrachloride	ND		ug/l	0.50	--
1,2-Dichloropropane	ND		ug/l	1.8	--
Dibromochloromethane	ND		ug/l	0.50	--
1,1,2-Trichloroethane	ND		ug/l	0.75	--
Tetrachloroethene	ND		ug/l	0.50	--
Chlorobenzene	ND		ug/l	0.50	--
Trichlorofluoromethane	ND		ug/l	2.5	--
1,2-Dichloroethane	ND		ug/l	0.50	--
1,1,1-Trichloroethane	ND		ug/l	0.50	--
Bromodichloromethane	ND		ug/l	0.50	--
trans-1,3-Dichloropropene	ND		ug/l	0.50	--
cis-1,3-Dichloropropene	ND		ug/l	0.50	--
Bromoform	ND		ug/l	2.0	--
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--
Benzene	ND		ug/l	0.50	--
Toluene	ND		ug/l	0.75	--
Ethylbenzene	ND		ug/l	0.50	--
Chloromethane	ND		ug/l	2.5	--
Bromomethane	ND		ug/l	1.0	--
Vinyl chloride	ND		ug/l	1.0	--
Chloroethane	ND		ug/l	1.0	--
1,1-Dichloroethene	ND		ug/l	0.50	--
trans-1,2-Dichloroethene	ND		ug/l	0.75	--
Trichloroethene	ND		ug/l	0.50	--
1,2-Dichlorobenzene	ND		ug/l	2.5	--
1,3-Dichlorobenzene	ND		ug/l	2.5	--
1,4-Dichlorobenzene	ND		ug/l	2.5	--
Methyl tert butyl ether	ND		ug/l	1.0	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/27/12 09:27
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,05,17 Batch: WG551586-3					
p/m-Xylene	ND		ug/l	1.0	--
o-Xylene	ND		ug/l	1.0	--
Xylenes, Total	ND		ug/l	1.0	--
cis-1,2-Dichloroethene	ND		ug/l	0.50	--
Styrene	ND		ug/l	1.0	--
Dichlorodifluoromethane	ND		ug/l	5.0	--
Acetone	ND		ug/l	5.0	--
Carbon disulfide	ND		ug/l	5.0	--
2-Butanone	ND		ug/l	5.0	--
4-Methyl-2-pentanone	ND		ug/l	5.0	--
2-Hexanone	ND		ug/l	5.0	--
Bromochloromethane	ND		ug/l	2.5	--
1,2-Dibromoethane	ND		ug/l	2.0	--
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--
Isopropylbenzene	ND		ug/l	0.50	--
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--
Methyl Acetate	ND		ug/l	10	--
Cyclohexane	ND		ug/l	10	--
1,4-Dioxane	ND		ug/l	250	--
Freon-113	ND		ug/l	10	--
Methyl cyclohexane	ND		ug/l	10	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	99		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 08/01/12 09:27
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 19 Batch: WG552259-3					
Methylene chloride	ND		ug/kg	10	--
1,1-Dichloroethane	ND		ug/kg	2.0	--
Chloroform	ND		ug/kg	2.0	--
Carbon tetrachloride	ND		ug/kg	2.0	--
1,2-Dichloropropane	ND		ug/kg	4.0	--
Dibromochloromethane	ND		ug/kg	2.0	--
1,1,2-Trichloroethane	ND		ug/kg	2.0	--
Tetrachloroethene	ND		ug/kg	2.0	--
Chlorobenzene	ND		ug/kg	2.0	--
Trichlorofluoromethane	ND		ug/kg	5.0	--
1,2-Dichloroethane	ND		ug/kg	2.0	--
1,1,1-Trichloroethane	ND		ug/kg	2.0	--
Bromodichloromethane	ND		ug/kg	2.0	--
trans-1,3-Dichloropropene	ND		ug/kg	2.0	--
cis-1,3-Dichloropropene	ND		ug/kg	2.0	--
Bromoform	ND		ug/kg	4.0	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.0	--
Benzene	ND		ug/kg	2.0	--
Toluene	ND		ug/kg	2.0	--
Ethylbenzene	ND		ug/kg	2.0	--
Chloromethane	ND		ug/kg	5.0	--
Bromomethane	ND		ug/kg	2.0	--
Vinyl chloride	ND		ug/kg	2.0	--
Chloroethane	ND		ug/kg	2.0	--
1,1-Dichloroethene	ND		ug/kg	2.0	--
trans-1,2-Dichloroethene	ND		ug/kg	2.0	--
Trichloroethene	ND		ug/kg	2.0	--
1,2-Dichlorobenzene	ND		ug/kg	5.0	--
1,3-Dichlorobenzene	ND		ug/kg	5.0	--
1,4-Dichlorobenzene	ND		ug/kg	5.0	--
Methyl tert butyl ether	ND		ug/kg	2.0	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 08/01/12 09:27
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 19 Batch: WG552259-3					
p/m-Xylene	ND		ug/kg	4.0	--
o-Xylene	ND		ug/kg	4.0	--
Xylenes, Total	ND		ug/kg	4.0	--
cis-1,2-Dichloroethene	ND		ug/kg	2.0	--
Styrene	ND		ug/kg	4.0	--
Dichlorodifluoromethane	ND		ug/kg	10	--
Acetone	ND		ug/kg	36	--
Carbon disulfide	ND		ug/kg	10	--
2-Butanone	ND		ug/kg	10	--
4-Methyl-2-pentanone	ND		ug/kg	10	--
2-Hexanone	ND		ug/kg	10	--
Bromochloromethane	ND		ug/kg	5.0	--
1,2-Dibromoethane	ND		ug/kg	4.0	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	--
Isopropylbenzene	ND		ug/kg	2.0	--
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	--
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	--
Methyl Acetate	ND		ug/kg	20	--
Cyclohexane	ND		ug/kg	20	--
1,4-Dioxane	ND		ug/kg	100	--
Methyl cyclohexane	ND		ug/kg	4.0	--
Freon-113	ND		ug/kg	20	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212822

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 08-14,16,20,24,26 Batch: WG550848-1 WG550848-2								
Methylene chloride	105		98		70-130	7		30
1,1-Dichloroethane	106		100		70-130	6		30
Chloroform	105		100		70-130	5		30
Carbon tetrachloride	112		105		70-130	6		30
1,2-Dichloropropane	105		99		70-130	6		30
Dibromochloromethane	106		104		70-130	2		30
1,1,2-Trichloroethane	104		102		70-130	2		30
Tetrachloroethene	113		107		70-130	5		30
Chlorobenzene	108		104		70-130	4		30
Trichlorofluoromethane	116		106		70-139	9		30
1,2-Dichloroethane	105		100		70-130	5		30
1,1,1-Trichloroethane	110		102		70-130	8		30
Bromodichloromethane	102		98		70-130	4		30
trans-1,3-Dichloropropene	104		103		70-130	1		30
cis-1,3-Dichloropropene	102		99		70-130	3		30
Bromoform	110		107		70-130	3		30
1,1,2,2-Tetrachloroethane	108		106		70-130	2		30
Benzene	105		99		70-130	6		30
Toluene	105		101		70-130	4		30
Ethylbenzene	107		103		70-130	4		30
Chloromethane	106		99		52-130	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212822

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 08-14,16,20,24,26 Batch: WG550848-1 WG550848-2								
Bromomethane	136		123		57-147	10		30
Vinyl chloride	106		98		67-130	8		30
Chloroethane	110		102		50-151	8		30
1,1-Dichloroethene	107		99		65-135	8		30
trans-1,2-Dichloroethene	106		100		70-130	6		30
Trichloroethene	106		98		70-130	8		30
1,2-Dichlorobenzene	111		106		70-130	5		30
1,3-Dichlorobenzene	112		107		70-130	5		30
1,4-Dichlorobenzene	111		107		70-130	4		30
Methyl tert butyl ether	102		99		66-130	3		30
p/m-Xylene	109		105		70-130	4		30
o-Xylene	109		106		70-130	3		30
cis-1,2-Dichloroethene	104		99		70-130	5		30
Styrene	107		104		70-130	3		30
Dichlorodifluoromethane	112		104		30-146	7		30
Acetone	107		101		54-140	6		30
Carbon disulfide	105		98		59-130	7		30
2-Butanone	110		107		70-130	3		30
4-Methyl-2-pentanone	103		100		70-130	3		30
2-Hexanone	101		103		70-130	2		30
Bromochloromethane	106		102		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212822

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 08-14,16,20,24,26 Batch: WG550848-1 WG550848-2								
1,2-Dibromoethane	105		104		70-130	1		30
1,2-Dibromo-3-chloropropane	109		106		68-130	3		30
Isopropylbenzene	108		105		70-130	3		30
1,2,3-Trichlorobenzene	110		107		70-130	3		30
1,2,4-Trichlorobenzene	112		107		70-130	5		30
Methyl Acetate	102		100		65-130	2		30
Cyclohexane	110		101		70-130	9		30
1,4-Dioxane	108		110		65-136	2		30
Methyl cyclohexane	111		102		70-130	8		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	114		104		70-130	9		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		100		70-130
Toluene-d8	101		102		70-130
4-Bromofluorobenzene	100		100		70-130
Dibromofluoromethane	101		102		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212822

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 03-04,09,13 Batch: WG551070-1 WG551070-2								
Methylene chloride	90		86		70-130	5		30
1,1-Dichloroethane	88		87		70-130	1		30
Chloroform	84		83		70-130	1		30
Carbon tetrachloride	91		87		70-130	4		30
1,2-Dichloropropane	87		86		70-130	1		30
Dibromochloromethane	91		94		70-130	3		30
1,1,2-Trichloroethane	92		94		70-130	2		30
Tetrachloroethene	102		96		70-130	6		30
Chlorobenzene	98		95		70-130	3		30
Trichlorofluoromethane	79		73		70-139	8		30
1,2-Dichloroethane	84		84		70-130	0		30
1,1,1-Trichloroethane	90		86		70-130	5		30
Bromodichloromethane	83		83		70-130	0		30
trans-1,3-Dichloropropene	93		94		70-130	1		30
cis-1,3-Dichloropropene	84		84		70-130	0		30
Bromoform	86		91		70-130	6		30
1,1,2,2-Tetrachloroethane	94		100		70-130	6		30
Benzene	83		81		70-130	2		30
Toluene	96		93		70-130	3		30
Ethylbenzene	99		96		70-130	3		30
Chloromethane	103		96		52-130	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212822

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 03-04,09,13 Batch: WG551070-1 WG551070-2								
Bromomethane	104		87		57-147	18		30
Vinyl chloride	100		95		67-130	5		30
Chloroethane	88		84		50-151	5		30
1,1-Dichloroethene	87		86		65-135	1		30
trans-1,2-Dichloroethene	86		84		70-130	2		30
Trichloroethene	89		86		70-130	3		30
1,2-Dichlorobenzene	106		104		70-130	2		30
1,3-Dichlorobenzene	108		106		70-130	2		30
1,4-Dichlorobenzene	107		106		70-130	1		30
Methyl tert butyl ether	79		80		66-130	1		30
p/m-Xylene	100		97		70-130	3		30
o-Xylene	99		96		70-130	3		30
cis-1,2-Dichloroethene	85		84		70-130	1		30
Styrene	96		94		70-130	2		30
Dichlorodifluoromethane	94		86		30-146	9		30
Acetone	111		107		54-140	4		30
Carbon disulfide	89		84		59-130	6		30
2-Butanone	94		97		70-130	3		30
4-Methyl-2-pentanone	76		80		70-130	5		30
2-Hexanone	98		100		70-130	2		30
Bromochloromethane	86		88		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212822

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 03-04,09,13 Batch: WG551070-1 WG551070-2								
1,2-Dibromoethane	91		93		70-130	2		30
1,2-Dibromo-3-chloropropane	92		96		68-130	4		30
Isopropylbenzene	110		106		70-130	4		30
1,2,3-Trichlorobenzene	104		106		70-130	2		30
1,2,4-Trichlorobenzene	110		111		70-130	1		30
Methyl Acetate	82		87		65-130	6		30
Cyclohexane	97		92		70-130	5		30
1,4-Dioxane	86		88		65-136	2		30
Methyl cyclohexane	92		85		70-130	8		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	91		87		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	101		102		70-130
Toluene-d8	112		111		70-130
4-Bromofluorobenzene	104		105		70-130
Dibromofluoromethane	97		97		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212822

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 06-07,18-19,27-28 Batch: WG551082-1 WG551082-2								
Methylene chloride	90		81		70-130	11		30
1,1-Dichloroethane	88		83		70-130	6		30
Chloroform	85		79		70-130	7		30
Carbon tetrachloride	86		79		70-130	8		30
1,2-Dichloropropane	89		83		70-130	7		30
Dibromochloromethane	93		90		70-130	3		30
1,1,2-Trichloroethane	93		90		70-130	3		30
Tetrachloroethene	99		89		70-130	11		30
Chlorobenzene	97		91		70-130	6		30
Trichlorofluoromethane	73		**60**	Q	70-139	20		30
1,2-Dichloroethane	87		84		70-130	4		30
1,1,1-Trichloroethane	88		81		70-130	8		30
Bromodichloromethane	83		80		70-130	4		30
trans-1,3-Dichloropropene	94		92		70-130	2		30
cis-1,3-Dichloropropene	85		81		70-130	5		30
Bromoform	86		89		70-130	3		30
1,1,2,2-Tetrachloroethane	97		99		70-130	2		30
Benzene	83		77		70-130	8		30
Toluene	96		89		70-130	8		30
Ethylbenzene	98		90		70-130	9		30
Chloromethane	104		88		52-130	17		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212822

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 06-07,18-19,27-28 Batch: WG551082-1 WG551082-2								
Bromomethane	99		77		57-147	25		30
Vinyl chloride	97		84		67-130	14		30
Chloroethane	91		77		50-151	17		30
1,1-Dichloroethene	84		77		65-135	9		30
trans-1,2-Dichloroethene	86		79		70-130	8		30
Trichloroethene	87		81		70-130	7		30
1,2-Dichlorobenzene	106		101		70-130	5		30
1,3-Dichlorobenzene	108		101		70-130	7		30
1,4-Dichlorobenzene	106		101		70-130	5		30
Methyl tert butyl ether	81		79		66-130	3		30
p/m-Xylene	99		91		70-130	8		30
o-Xylene	98		91		70-130	7		30
cis-1,2-Dichloroethene	86		80		70-130	7		30
Styrene	95		89		70-130	7		30
Dichlorodifluoromethane	84		69		30-146	20		30
Acetone	127		110		54-140	14		30
Carbon disulfide	84		77		59-130	9		30
2-Butanone	102		102		70-130	0		30
4-Methyl-2-pentanone	80		83		70-130	4		30
2-Hexanone	103		103		70-130	0		30
Bromochloromethane	88		85		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212822

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 06-07,18-19,27-28 Batch: WG551082-1 WG551082-2								
1,2-Dibromoethane	93		91		70-130	2		30
1,2-Dibromo-3-chloropropane	94		96		68-130	2		30
Isopropylbenzene	106		101		70-130	5		30
1,2,3-Trichlorobenzene	103		98		70-130	5		30
1,2,4-Trichlorobenzene	109		102		70-130	7		30
Methyl Acetate	86		91		65-130	6		30
Cyclohexane	88		81		70-130	8		30
1,4-Dioxane	84		83		65-136	1		30
Methyl cyclohexane	83		75		70-130	10		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	77		75		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		104		70-130
Toluene-d8	111		110		70-130
4-Bromofluorobenzene	102		105		70-130
Dibromofluoromethane	99		99		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212822

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 15,21-23,25 Batch: WG551150-1 WG551150-2								
Methylene chloride	107		105		70-130	2		30
1,1-Dichloroethane	104		101		70-130	3		30
Chloroform	102		100		70-130	2		30
Carbon tetrachloride	106		100		70-130	6		30
1,2-Dichloropropane	103		102		70-130	1		30
Dibromochloromethane	93		96		70-130	3		30
1,1,2-Trichloroethane	94		96		70-130	2		30
Tetrachloroethene	101		96		70-130	5		30
Chlorobenzene	96		94		70-130	2		30
Trichlorofluoromethane	120		110		70-139	9		30
1,2-Dichloroethane	100		101		70-130	1		30
1,1,1-Trichloroethane	105		100		70-130	5		30
Bromodichloromethane	100		101		70-130	1		30
trans-1,3-Dichloropropene	91		93		70-130	2		30
cis-1,3-Dichloropropene	100		102		70-130	2		30
Bromoform	90		95		70-130	5		30
1,1,2,2-Tetrachloroethane	89		93		70-130	4		30
Benzene	104		100		70-130	4		30
Toluene	92		90		70-130	2		30
Ethylbenzene	95		92		70-130	3		30
Chloromethane	98		94		52-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212822

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 15,21-23,25 Batch: WG551150-1 WG551150-2								
Bromomethane	100		100		57-147	0		30
Vinyl chloride	114		106		67-130	7		30
Chloroethane	118		108		50-151	9		30
1,1-Dichloroethene	110		102		65-135	8		30
trans-1,2-Dichloroethene	108		103		70-130	5		30
Trichloroethene	106		101		70-130	5		30
1,2-Dichlorobenzene	94		94		70-130	0		30
1,3-Dichlorobenzene	94		93		70-130	1		30
1,4-Dichlorobenzene	94		93		70-130	1		30
Methyl tert butyl ether	100		103		66-130	3		30
p/m-Xylene	97		94		70-130	3		30
o-Xylene	96		95		70-130	1		30
cis-1,2-Dichloroethene	107		104		70-130	3		30
Styrene	96		95		70-130	1		30
Dichlorodifluoromethane	103		94		30-146	9		30
Acetone	124		115		54-140	8		30
Carbon disulfide	105		99		59-130	6		30
2-Butanone	97		102		70-130	5		30
4-Methyl-2-pentanone	99		106		70-130	7		30
2-Hexanone	87		91		70-130	4		30
Bromochloromethane	110		110		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212822

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 15,21-23,25 Batch: WG551150-1 WG551150-2								
1,2-Dibromoethane	93		96		70-130	3		30
1,2-Dibromo-3-chloropropane	93		100		68-130	7		30
Isopropylbenzene	94		90		70-130	4		30
1,2,3-Trichlorobenzene	97		99		70-130	2		30
1,2,4-Trichlorobenzene	97		98		70-130	1		30
Methyl Acetate	97		101		65-130	4		30
Cyclohexane	109		100		70-130	9		30
1,4-Dioxane	108		116		65-136	7		30
Methyl cyclohexane	108		100		70-130	8		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	113		105		70-130	7		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		97		70-130
Toluene-d8	94		94		70-130
4-Bromofluorobenzene	96		97		70-130
Dibromofluoromethane	100		101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212822

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 02,29 Batch: WG551181-1 WG551181-2								
Methylene chloride	102		100		70-130	2		30
1,1-Dichloroethane	106		105		70-130	1		30
Chloroform	106		106		70-130	0		30
Carbon tetrachloride	115		116		70-130	1		30
1,2-Dichloropropane	103		102		70-130	1		30
Dibromochloromethane	109		107		70-130	2		30
1,1,2-Trichloroethane	105		103		70-130	2		30
Tetrachloroethene	112		113		70-130	1		30
Chlorobenzene	108		107		70-130	1		30
Trichlorofluoromethane	120		121		70-139	1		30
1,2-Dichloroethane	107		105		70-130	2		30
1,1,1-Trichloroethane	112		112		70-130	0		30
Bromodichloromethane	106		104		70-130	2		30
trans-1,3-Dichloropropene	104		103		70-130	1		30
cis-1,3-Dichloropropene	102		100		70-130	2		30
Bromoform	110		109		70-130	1		30
1,1,2,2-Tetrachloroethane	105		106		70-130	1		30
Benzene	103		103		70-130	0		30
Toluene	103		102		70-130	1		30
Ethylbenzene	106		105		70-130	1		30
Chloromethane	105		107		52-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212822

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 02,29 Batch: WG551181-1 WG551181-2								
Bromomethane	125		137		57-147	9		30
Vinyl chloride	102		103		67-130	1		30
Chloroethane	104		104		50-151	0		30
1,1-Dichloroethene	104		105		65-135	1		30
trans-1,2-Dichloroethene	105		106		70-130	1		30
Trichloroethene	106		107		70-130	1		30
1,2-Dichlorobenzene	110		109		70-130	1		30
1,3-Dichlorobenzene	110		110		70-130	0		30
1,4-Dichlorobenzene	110		109		70-130	1		30
Methyl tert butyl ether	102		101		66-130	1		30
p/m-Xylene	108		107		70-130	1		30
o-Xylene	108		106		70-130	2		30
cis-1,2-Dichloroethene	104		102		70-130	2		30
Styrene	107		105		70-130	2		30
Dichlorodifluoromethane	110		113		30-146	3		30
Acetone	108		114		54-140	5		30
Carbon disulfide	102		103		59-130	1		30
2-Butanone	110		110		70-130	0		30
4-Methyl-2-pentanone	103		103		70-130	0		30
2-Hexanone	102		104		70-130	2		30
Bromochloromethane	107		107		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212822

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 02,29 Batch: WG551181-1 WG551181-2								
1,2-Dibromoethane	107		104		70-130	3		30
1,2-Dibromo-3-chloropropane	108		113		68-130	5		30
Isopropylbenzene	109		108		70-130	1		30
1,2,3-Trichlorobenzene	109		110		70-130	1		30
1,2,4-Trichlorobenzene	110		112		70-130	2		30
Methyl Acetate	105		103		65-130	2		30
Cyclohexane	107		107		70-130	0		30
1,4-Dioxane	110		114		65-136	4		30
Methyl cyclohexane	106		106		70-130	0		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	112		113		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		104		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	98		98		70-130
Dibromofluoromethane	102		102		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212822

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 15 Batch: WG551392-1 WG551392-2								
Methylene chloride	96		85		70-130	12		30
1,1-Dichloroethane	87		86		70-130	1		30
Chloroform	83		82		70-130	1		30
Carbon tetrachloride	90		85		70-130	6		30
1,2-Dichloropropane	85		84		70-130	1		30
Dibromochloromethane	89		91		70-130	2		30
1,1,2-Trichloroethane	88		91		70-130	3		30
Tetrachloroethene	96		93		70-130	3		30
Chlorobenzene	92		92		70-130	0		30
Trichlorofluoromethane	76		72		70-139	5		30
1,2-Dichloroethane	84		85		70-130	1		30
1,1,1-Trichloroethane	88		84		70-130	5		30
Bromodichloromethane	81		82		70-130	1		30
trans-1,3-Dichloropropene	90		92		70-130	2		30
cis-1,3-Dichloropropene	81		82		70-130	1		30
Bromoform	85		85		70-130	0		30
1,1,2,2-Tetrachloroethane	95		95		70-130	0		30
Benzene	81		80		70-130	1		30
Toluene	92		90		70-130	2		30
Ethylbenzene	93		92		70-130	1		30
Chloromethane	103		104		52-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

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Lab Number: L1212822

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 15 Batch: WG551392-1 WG551392-2								
Bromomethane	90		78		57-147	14		30
Vinyl chloride	99		98		67-130	1		30
Chloroethane	88		84		50-151	5		30
1,1-Dichloroethene	85		81		65-135	5		30
trans-1,2-Dichloroethene	84		81		70-130	4		30
Trichloroethene	85		83		70-130	2		30
1,2-Dichlorobenzene	100		102		70-130	2		30
1,3-Dichlorobenzene	103		102		70-130	1		30
1,4-Dichlorobenzene	100		101		70-130	1		30
Methyl tert butyl ether	75		77		66-130	3		30
p/m-Xylene	94		93		70-130	1		30
o-Xylene	92		92		70-130	0		30
cis-1,2-Dichloroethene	81		82		70-130	1		30
Styrene	91		91		70-130	0		30
Dichlorodifluoromethane	88		85		30-146	3		30
Acetone	118		112		54-140	5		30
Carbon disulfide	87		85		59-130	2		30
2-Butanone	101		101		70-130	0		30
4-Methyl-2-pentanone	75		78		70-130	4		30
2-Hexanone	96		98		70-130	2		30
Bromochloromethane	82		87		70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212822

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 15 Batch: WG551392-1 WG551392-2								
1,2-Dibromoethane	86		89		70-130	3		30
1,2-Dibromo-3-chloropropane	89		94		68-130	5		30
Isopropylbenzene	105		98		70-130	7		30
1,2,3-Trichlorobenzene	99		100		70-130	1		30
1,2,4-Trichlorobenzene	104		104		70-130	0		30
Methyl Acetate	87		92		65-130	6		30
Cyclohexane	97		91		70-130	6		30
1,4-Dioxane	82		86		65-136	5		30
Methyl cyclohexane	88		82		70-130	7		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	89		85		70-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		105		70-130
Toluene-d8	111		112		70-130
4-Bromofluorobenzene	104		101		70-130
Dibromofluoromethane	99		98		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212822

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,05,17 Batch: WG551586-1 WG551586-2								
Methylene chloride	95		95		70-130	0		20
1,1-Dichloroethane	100		102		70-130	2		20
Chloroform	99		97		70-130	2		20
Carbon tetrachloride	89		91		63-132	2		20
1,2-Dichloropropane	97		97		70-130	0		20
Dibromochloromethane	87		86		63-130	1		20
1,1,2-Trichloroethane	93		93		70-130	0		20
Tetrachloroethene	91		95		70-130	4		20
Chlorobenzene	100		101		75-130	1		25
Trichlorofluoromethane	114		114		62-150	0		20
1,2-Dichloroethane	95		94		70-130	1		20
1,1,1-Trichloroethane	92		94		67-130	2		20
Bromodichloromethane	94		93		67-130	1		20
trans-1,3-Dichloropropene	81		84		70-130	4		20
cis-1,3-Dichloropropene	86		88		70-130	2		20
Bromoform	80		81		54-136	1		20
1,1,2,2-Tetrachloroethane	90		92		67-130	2		20
Benzene	102		103		70-130	1		25
Toluene	100		103		70-130	3		25
Ethylbenzene	102		105		70-130	3		20
Chloromethane	67		70		64-130	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212822

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,05,17 Batch: WG551586-1 WG551586-2								
Bromomethane	60		75		39-139	**22**	Q	20
Vinyl chloride	110		113		55-140	3		20
Chloroethane	122		125		55-138	2		20
1,1-Dichloroethene	96		95		61-145	1		25
trans-1,2-Dichloroethene	98		95		70-130	3		20
Trichloroethene	96		98		70-130	2		25
1,2-Dichlorobenzene	93		95		70-130	2		20
1,3-Dichlorobenzene	99		101		70-130	2		20
1,4-Dichlorobenzene	97		100		70-130	3		20
Methyl tert butyl ether	77		76		63-130	1		20
p/m-Xylene	103		105		70-130	2		20
o-Xylene	101		102		70-130	1		20
cis-1,2-Dichloroethene	97		96		70-130	1		20
Styrene	102		102		70-130	0		20
Dichlorodifluoromethane	79		78		36-147	1		20
Acetone	99		84		58-148	16		20
Carbon disulfide	91		90		51-130	1		20
2-Butanone	66		63		63-138	5		20
4-Methyl-2-pentanone	64		62		59-130	3		20
2-Hexanone	66		61		57-130	8		20
Bromochloromethane	103		101		70-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212822

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,05,17 Batch: WG551586-1 WG551586-2								
1,2-Dibromoethane	85		86		70-130	1		20
1,2-Dibromo-3-chloropropane	83		86		41-144	4		20
Isopropylbenzene	101		107		70-130	6		20
1,2,3-Trichlorobenzene	70		**66**	Q	70-130	6		20
1,2,4-Trichlorobenzene	77		74		70-130	4		20
Methyl Acetate	75		76		70-130	1		20
Cyclohexane	88		87		70-130	1		20
1,4-Dioxane	77		61		56-162	**23**	Q	20
1,1,2-Trichloro-1,2,2-Trifluoroethane	91		91		70-130	0		20
Methyl cyclohexane	89		90		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	93		93		70-130
Toluene-d8	99		99		70-130
4-Bromofluorobenzene	94		93		70-130
Dibromofluoromethane	98		99		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212822

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 19 Batch: WG552259-1 WG552259-2								
Methylene chloride	96		94		70-130	2		30
1,1-Dichloroethane	87		79		70-130	10		30
Chloroform	83		77		70-130	8		30
Carbon tetrachloride	82		70		70-130	16		30
1,2-Dichloropropane	88		84		70-130	5		30
Dibromochloromethane	89		88		70-130	1		30
1,1,2-Trichloroethane	91		87		70-130	4		30
Tetrachloroethene	89		78		70-130	13		30
Chlorobenzene	90		84		70-130	7		30
Trichlorofluoromethane	**60**	Q	**48**	Q	70-139	22		30
1,2-Dichloroethane	88		85		70-130	3		30
1,1,1-Trichloroethane	83		73		70-130	13		30
Bromodichloromethane	84		80		70-130	5		30
trans-1,3-Dichloropropene	90		89		70-130	1		30
cis-1,3-Dichloropropene	85		81		70-130	5		30
Bromoform	86		84		70-130	2		30
1,1,2,2-Tetrachloroethane	96		95		70-130	1		30
Benzene	80		73		70-130	9		30
Toluene	89		79		70-130	12		30
Ethylbenzene	89		80		70-130	11		30
Chloromethane	105		89		52-130	16		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212822

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 19 Batch: WG552259-1 WG552259-2								
Bromomethane	96		70		57-147	**31**	Q	30
Vinyl chloride	93		78		67-130	18		30
Chloroethane	82		69		50-151	17		30
1,1-Dichloroethene	78		65		65-135	18		30
trans-1,2-Dichloroethene	81		73		70-130	10		30
Trichloroethene	84		75		70-130	11		30
1,2-Dichlorobenzene	100		97		70-130	3		30
1,3-Dichlorobenzene	101		96		70-130	5		30
1,4-Dichlorobenzene	100		96		70-130	4		30
Methyl tert butyl ether	81		79		66-130	3		30
p/m-Xylene	90		82		70-130	9		30
o-Xylene	89		83		70-130	7		30
cis-1,2-Dichloroethene	82		78		70-130	5		30
Styrene	88		83		70-130	6		30
Dichlorodifluoromethane	67		56		30-146	18		30
Acetone	132		126		54-140	5		30
Carbon disulfide	84		72		59-130	15		30
2-Butanone	102		105		70-130	3		30
4-Methyl-2-pentanone	82		82		70-130	0		30
2-Hexanone	103		102		70-130	1		30
Bromochloromethane	90		83		70-130	8		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212822

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 19 Batch: WG552259-1 WG552259-2								
1,2-Dibromoethane	89		89		70-130	0		30
1,2-Dibromo-3-chloropropane	94		96		68-130	2		30
Isopropylbenzene	96		87		70-130	10		30
1,2,3-Trichlorobenzene	101		98		70-130	3		30
1,2,4-Trichlorobenzene	108		100		70-130	8		30
Methyl Acetate	94		96		65-130	2		30
Cyclohexane	77		**64**	Q	70-130	18		30
1,4-Dioxane	91		86		65-136	6		30
Methyl cyclohexane	**66**	Q	**55**	Q	70-130	18		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	**65**	Q	**55**	Q	70-130	17		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		103		70-130
Toluene-d8	108		108		70-130
4-Bromofluorobenzene	104		104		70-130
Dibromofluoromethane	100		99		70-130

SEMIVOLATILES

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-03	Date Collected:	07/17/12 10:50
Client ID:	S-12L-B010-0.2-0.7	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 11:00
Analytical Date:	08/01/12 12:44		
Analyst:	JB		
Percent Solids:	34%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	380	--	1
Hexachlorobenzene	ND		ug/kg	290	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	480	--	1
2-Chloronaphthalene	ND		ug/kg	480	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	480	--	1
2,4-Dinitrotoluene	ND		ug/kg	480	--	1
2,6-Dinitrotoluene	ND		ug/kg	480	--	1
Fluoranthene	ND		ug/kg	290	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	480	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	480	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	580	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	480	--	1
Hexachlorobutadiene	ND		ug/kg	480	--	1
Hexachlorocyclopentadiene	ND		ug/kg	1300	--	1
Hexachloroethane	ND		ug/kg	380	--	1
Isophorone	ND		ug/kg	480	--	1
Naphthalene	ND		ug/kg	480	--	1
Nitrobenzene	ND		ug/kg	480	--	1
NDPA/DPA	ND		ug/kg	380	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	480	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	480	--	1
Butyl benzyl phthalate	ND		ug/kg	480	--	1
Di-n-butylphthalate	ND		ug/kg	480	--	1
Di-n-octylphthalate	ND		ug/kg	480	--	1
Diethyl phthalate	ND		ug/kg	480	--	1
Dimethyl phthalate	ND		ug/kg	480	--	1
Benzo(a)anthracene	ND		ug/kg	290	--	1
Benzo(a)pyrene	ND		ug/kg	380	--	1
Benzo(b)fluoranthene	ND		ug/kg	290	--	1
Benzo(k)fluoranthene	ND		ug/kg	290	--	1
Chrysene	ND		ug/kg	290	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-03 Date Collected: 07/17/12 10:50

Client ID: S-12L-B010-0.2-0.7 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	380	--	1
Anthracene	ND		ug/kg	290	--	1
Benzo(ghi)perylene	ND		ug/kg	380	--	1
Fluorene	ND		ug/kg	480	--	1
Phenanthrene	ND		ug/kg	290	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	290	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	380	--	1
Pyrene	ND		ug/kg	290	--	1
Biphenyl	ND		ug/kg	1000	--	1
4-Chloroaniline	ND		ug/kg	480	--	1
2-Nitroaniline	ND		ug/kg	480	--	1
3-Nitroaniline	ND		ug/kg	480	--	1
4-Nitroaniline	ND		ug/kg	480	--	1
Dibenzofuran	ND		ug/kg	480	--	1
2-Methylnaphthalene	ND		ug/kg	580	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	480	--	1
Acetophenone	ND		ug/kg	480	--	1
2,4,6-Trichlorophenol	ND		ug/kg	290	--	1
p-Chloro-m-cresol	ND		ug/kg	480	--	1
2-Chlorophenol	ND		ug/kg	480	--	1
2,4-Dichlorophenol	ND		ug/kg	480	--	1
2,4-Dimethylphenol	ND		ug/kg	480	--	1
2-Nitrophenol	ND		ug/kg	1000	--	1
4-Nitrophenol	ND		ug/kg	670	--	1
2,4-Dinitrophenol	ND		ug/kg	2300	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	1200	--	1
Pentachlorophenol	ND		ug/kg	380	--	1
Phenol	ND		ug/kg	480	--	1
2-Methylphenol	ND		ug/kg	480	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	670	--	1
2,4,5-Trichlorophenol	ND		ug/kg	480	--	1
Carbazole	ND		ug/kg	480	--	1
Atrazine	ND		ug/kg	380	--	1
Benzaldehyde	ND		ug/kg	670	--	1
Caprolactam	ND		ug/kg	480	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	480	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-03 Date Collected: 07/17/12 10:50

Client ID: S-12L-B010-0.2-0.7 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	80		0-136
4-Terphenyl-d14	91		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-04 D	Date Collected:	07/17/12 10:50
Client ID:	S-12L-B010-1.0-1.5	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 11:50
Analytical Date:	07/30/12 21:02		
Analyst:	JB		
Percent Solids:	12%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	2200	--	2
Hexachlorobenzene	ND		ug/kg	1600	--	2
Bis(2-chloroethyl)ether	ND		ug/kg	2800	--	2
2-Chloronaphthalene	ND		ug/kg	2800	--	2
3,3'-Dichlorobenzidine	ND		ug/kg	2800	--	2
2,4-Dinitrotoluene	ND		ug/kg	2800	--	2
2,6-Dinitrotoluene	ND		ug/kg	2800	--	2
Fluoranthene	ND		ug/kg	1600	--	2
4-Chlorophenyl phenyl ether	ND		ug/kg	2800	--	2
4-Bromophenyl phenyl ether	ND		ug/kg	2800	--	2
Bis(2-chloroisopropyl)ether	ND		ug/kg	3300	--	2
Bis(2-chloroethoxy)methane	ND		ug/kg	2800	--	2
Hexachlorobutadiene	ND		ug/kg	2800	--	2
Hexachlorocyclopentadiene	ND		ug/kg	7700	--	2
Hexachloroethane	ND		ug/kg	2200	--	2
Isophorone	ND		ug/kg	2800	--	2
Naphthalene	ND		ug/kg	2800	--	2
Nitrobenzene	ND		ug/kg	2800	--	2
NDPA/DPA	ND		ug/kg	2200	--	2
n-Nitrosodi-n-propylamine	ND		ug/kg	2800	--	2
Bis(2-ethylhexyl)phthalate	ND		ug/kg	2800	--	2
Butyl benzyl phthalate	ND		ug/kg	2800	--	2
Di-n-butylphthalate	ND		ug/kg	2800	--	2
Di-n-octylphthalate	ND		ug/kg	2800	--	2
Diethyl phthalate	ND		ug/kg	2800	--	2
Dimethyl phthalate	ND		ug/kg	2800	--	2
Benzo(a)anthracene	ND		ug/kg	1600	--	2
Benzo(a)pyrene	ND		ug/kg	2200	--	2
Benzo(b)fluoranthene	ND		ug/kg	1600	--	2
Benzo(k)fluoranthene	ND		ug/kg	1600	--	2
Chrysene	ND		ug/kg	1600	--	2

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-04 D Date Collected: 07/17/12 10:50

Client ID: S-12L-B010-1.0-1.5 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	2200	--	2
Anthracene	ND		ug/kg	1600	--	2
Benzo(ghi)perylene	ND		ug/kg	2200	--	2
Fluorene	ND		ug/kg	2800	--	2
Phenanthrene	ND		ug/kg	1600	--	2
Dibenzo(a,h)anthracene	ND		ug/kg	1600	--	2
Indeno(1,2,3-cd)pyrene	ND		ug/kg	2200	--	2
Pyrene	ND		ug/kg	1600	--	2
Biphenyl	ND		ug/kg	6100	--	2
4-Chloroaniline	ND		ug/kg	2800	--	2
2-Nitroaniline	ND		ug/kg	2800	--	2
3-Nitroaniline	ND		ug/kg	2800	--	2
4-Nitroaniline	ND		ug/kg	2800	--	2
Dibenzofuran	ND		ug/kg	2800	--	2
2-Methylnaphthalene	ND		ug/kg	3300	--	2
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	2800	--	2
Acetophenone	ND		ug/kg	2800	--	2
2,4,6-Trichlorophenol	ND		ug/kg	1600	--	2
p-Chloro-m-cresol	ND		ug/kg	2800	--	2
2-Chlorophenol	ND		ug/kg	2800	--	2
2,4-Dichlorophenol	ND		ug/kg	2800	--	2
2,4-Dimethylphenol	ND		ug/kg	2800	--	2
2-Nitrophenol	ND		ug/kg	6100	--	2
4-Nitrophenol	ND		ug/kg	3800	--	2
2,4-Dinitrophenol	ND		ug/kg	13000	--	2
4,6-Dinitro-o-cresol	ND		ug/kg	7200	--	2
Pentachlorophenol	ND		ug/kg	2200	--	2
Phenol	ND		ug/kg	2800	--	2
2-Methylphenol	ND		ug/kg	2800	--	2
3-Methylphenol/4-Methylphenol	ND		ug/kg	3800	--	2
2,4,5-Trichlorophenol	ND		ug/kg	2800	--	2
Carbazole	ND		ug/kg	2800	--	2
Atrazine	ND		ug/kg	2200	--	2
Benzaldehyde	ND		ug/kg	3800	--	2
Caprolactam	ND		ug/kg	2800	--	2
2,3,4,6-Tetrachlorophenol	ND		ug/kg	2800	--	2

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-04 D
Client ID: S-12L-B010-1.0-1.5
Sample Location: NEW BEDFORD, MA

Date Collected: 07/17/12 10:50
Date Received: 07/18/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	97		0-136
4-Terphenyl-d14	91		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-05	Date Collected:	07/17/12 16:00
Client ID:	EB-071712-03	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8270D	Extraction Date:	07/23/12 08:20
Analytical Date:	07/31/12 00:22		
Analyst:	RC		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/l	2.0	--	1
Hexachlorobenzene	ND		ug/l	2.0	--	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	--	1
2-Chloronaphthalene	ND		ug/l	2.0	--	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	--	1
2,4-Dinitrotoluene	ND		ug/l	5.0	--	1
2,6-Dinitrotoluene	ND		ug/l	5.0	--	1
Fluoranthene	ND		ug/l	2.0	--	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	--	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	--	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	--	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	--	1
Hexachlorobutadiene	ND		ug/l	2.0	--	1
Hexachlorocyclopentadiene	ND		ug/l	20	--	1
Hexachloroethane	ND		ug/l	2.0	--	1
Isophorone	ND		ug/l	5.0	--	1
Naphthalene	ND		ug/l	2.0	--	1
Nitrobenzene	ND		ug/l	2.0	--	1
NDPA/DPA	ND		ug/l	2.0	--	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	--	1
Butyl benzyl phthalate	ND		ug/l	5.0	--	1
Di-n-butylphthalate	ND		ug/l	5.0	--	1
Di-n-octylphthalate	ND		ug/l	5.0	--	1
Diethyl phthalate	ND		ug/l	5.0	--	1
Dimethyl phthalate	ND		ug/l	5.0	--	1
Benzo(a)anthracene	ND		ug/l	2.0	--	1
Benzo(a)pyrene	ND		ug/l	2.0	--	1
Benzo(b)fluoranthene	ND		ug/l	2.0	--	1
Benzo(k)fluoranthene	ND		ug/l	2.0	--	1
Chrysene	ND		ug/l	2.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-05 Date Collected: 07/17/12 16:00

Client ID: EB-071712-03 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/l	2.0	--	1
Anthracene	ND		ug/l	2.0	--	1
Benzo(ghi)perylene	ND		ug/l	2.0	--	1
Fluorene	ND		ug/l	2.0	--	1
Phenanthrene	ND		ug/l	2.0	--	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	--	1
Pyrene	ND		ug/l	2.0	--	1
Biphenyl	ND		ug/l	2.0	--	1
4-Chloroaniline	ND		ug/l	5.0	--	1
2-Nitroaniline	ND		ug/l	5.0	--	1
3-Nitroaniline	ND		ug/l	5.0	--	1
4-Nitroaniline	ND		ug/l	5.0	--	1
Dibenzofuran	ND		ug/l	2.0	--	1
2-Methylnaphthalene	ND		ug/l	2.0	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	--	1
Acetophenone	ND		ug/l	5.0	--	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	--	1
p-Chloro-m-cresol	ND		ug/l	2.0	--	1
2-Chlorophenol	ND		ug/l	2.0	--	1
2,4-Dichlorophenol	ND		ug/l	5.0	--	1
2,4-Dimethylphenol	ND		ug/l	5.0	--	1
2-Nitrophenol	ND		ug/l	10	--	1
4-Nitrophenol	ND		ug/l	10	--	1
2,4-Dinitrophenol	ND		ug/l	20	--	1
4,6-Dinitro-o-cresol	ND		ug/l	10	--	1
Pentachlorophenol	ND		ug/l	10	--	1
Phenol	ND		ug/l	5.0	--	1
2-Methylphenol	ND		ug/l	5.0	--	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	--	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	--	1
Carbazole	ND		ug/l	2.0	--	1
Atrazine	ND		ug/l	10	--	1
Benzaldehyde	ND		ug/l	5.0	--	1
Caprolactam	ND		ug/l	10	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-05 Date Collected: 07/17/12 16:00

Client ID: EB-071712-03 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	95		10-120
4-Terphenyl-d14	95		41-149

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-06 D	Date Collected:	07/17/12 10:50
Client ID:	S-12L-B010-2.5-3.0	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 11:50
Analytical Date:	07/30/12 21:27		
Analyst:	JB		
Percent Solids:	54%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	2400	--	10
Hexachlorobenzene	ND		ug/kg	1800	--	10
Bis(2-chloroethyl)ether	ND		ug/kg	3000	--	10
2-Chloronaphthalene	ND		ug/kg	3000	--	10
3,3'-Dichlorobenzidine	ND		ug/kg	3000	--	10
2,4-Dinitrotoluene	ND		ug/kg	3000	--	10
2,6-Dinitrotoluene	ND		ug/kg	3000	--	10
Fluoranthene	ND		ug/kg	1800	--	10
4-Chlorophenyl phenyl ether	ND		ug/kg	3000	--	10
4-Bromophenyl phenyl ether	ND		ug/kg	3000	--	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	3700	--	10
Bis(2-chloroethoxy)methane	ND		ug/kg	3000	--	10
Hexachlorobutadiene	ND		ug/kg	3000	--	10
Hexachlorocyclopentadiene	ND		ug/kg	8600	--	10
Hexachloroethane	ND		ug/kg	2400	--	10
Isophorone	ND		ug/kg	3000	--	10
Naphthalene	ND		ug/kg	3000	--	10
Nitrobenzene	ND		ug/kg	3000	--	10
NDPA/DPA	ND		ug/kg	2400	--	10
n-Nitrosodi-n-propylamine	ND		ug/kg	3000	--	10
Bis(2-ethylhexyl)phthalate	ND		ug/kg	3000	--	10
Butyl benzyl phthalate	ND		ug/kg	3000	--	10
Di-n-butylphthalate	ND		ug/kg	3000	--	10
Di-n-octylphthalate	ND		ug/kg	3000	--	10
Diethyl phthalate	ND		ug/kg	3000	--	10
Dimethyl phthalate	ND		ug/kg	3000	--	10
Benzo(a)anthracene	ND		ug/kg	1800	--	10
Benzo(a)pyrene	ND		ug/kg	2400	--	10
Benzo(b)fluoranthene	ND		ug/kg	1800	--	10
Benzo(k)fluoranthene	ND		ug/kg	1800	--	10
Chrysene	ND		ug/kg	1800	--	10

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-06 D Date Collected: 07/17/12 10:50

Client ID: S-12L-B010-2.5-3.0 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	2400	--	10
Anthracene	ND		ug/kg	1800	--	10
Benzo(ghi)perylene	ND		ug/kg	2400	--	10
Fluorene	ND		ug/kg	3000	--	10
Phenanthrene	ND		ug/kg	1800	--	10
Dibenzo(a,h)anthracene	ND		ug/kg	1800	--	10
Indeno(1,2,3-cd)pyrene	ND		ug/kg	2400	--	10
Pyrene	ND		ug/kg	1800	--	10
Biphenyl	ND		ug/kg	6700	--	10
4-Chloroaniline	ND		ug/kg	3000	--	10
2-Nitroaniline	ND		ug/kg	3000	--	10
3-Nitroaniline	ND		ug/kg	3000	--	10
4-Nitroaniline	ND		ug/kg	3000	--	10
Dibenzofuran	ND		ug/kg	3000	--	10
2-Methylnaphthalene	ND		ug/kg	3700	--	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	3000	--	10
Acetophenone	ND		ug/kg	3000	--	10
2,4,6-Trichlorophenol	ND		ug/kg	1800	--	10
p-Chloro-m-cresol	ND		ug/kg	3000	--	10
2-Chlorophenol	ND		ug/kg	3000	--	10
2,4-Dichlorophenol	ND		ug/kg	3000	--	10
2,4-Dimethylphenol	ND		ug/kg	3000	--	10
2-Nitrophenol	ND		ug/kg	6700	--	10
4-Nitrophenol	ND		ug/kg	4300	--	10
2,4-Dinitrophenol	ND		ug/kg	15000	--	10
4,6-Dinitro-o-cresol	ND		ug/kg	7900	--	10
Pentachlorophenol	ND		ug/kg	2400	--	10
Phenol	ND		ug/kg	3000	--	10
2-Methylphenol	ND		ug/kg	3000	--	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	4300	--	10
2,4,5-Trichlorophenol	ND		ug/kg	3000	--	10
Carbazole	ND		ug/kg	3000	--	10
Atrazine	ND		ug/kg	2400	--	10
Benzaldehyde	ND		ug/kg	4300	--	10
Caprolactam	ND		ug/kg	3000	--	10
2,3,4,6-Tetrachlorophenol	ND		ug/kg	3000	--	10

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-06 D
Client ID: S-12L-B010-2.5-3.0
Sample Location: NEW BEDFORD, MA

Date Collected: 07/17/12 10:50
Date Received: 07/18/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	56		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	54		30-120
2,4,6-Tribromophenol	75		0-136
4-Terphenyl-d14	61		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-07 D	Date Collected:	07/17/12 10:50
Client ID:	S-12L-B010-2.5-3.0 REP	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 11:50
Analytical Date:	07/30/12 21:52		
Analyst:	JB		
Percent Solids:	43%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	610	--	2
Hexachlorobenzene	ND		ug/kg	450	--	2
Bis(2-chloroethyl)ether	ND		ug/kg	760	--	2
2-Chloronaphthalene	ND		ug/kg	760	--	2
3,3'-Dichlorobenzidine	ND		ug/kg	760	--	2
2,4-Dinitrotoluene	ND		ug/kg	760	--	2
2,6-Dinitrotoluene	ND		ug/kg	760	--	2
Fluoranthene	ND		ug/kg	450	--	2
4-Chlorophenyl phenyl ether	ND		ug/kg	760	--	2
4-Bromophenyl phenyl ether	ND		ug/kg	760	--	2
Bis(2-chloroisopropyl)ether	ND		ug/kg	910	--	2
Bis(2-chloroethoxy)methane	ND		ug/kg	760	--	2
Hexachlorobutadiene	ND		ug/kg	760	--	2
Hexachlorocyclopentadiene	ND		ug/kg	2100	--	2
Hexachloroethane	ND		ug/kg	610	--	2
Isophorone	ND		ug/kg	760	--	2
Naphthalene	ND		ug/kg	760	--	2
Nitrobenzene	ND		ug/kg	760	--	2
NDPA/DPA	ND		ug/kg	610	--	2
n-Nitrosodi-n-propylamine	ND		ug/kg	760	--	2
Bis(2-ethylhexyl)phthalate	ND		ug/kg	760	--	2
Butyl benzyl phthalate	ND		ug/kg	760	--	2
Di-n-butylphthalate	ND		ug/kg	760	--	2
Di-n-octylphthalate	ND		ug/kg	760	--	2
Diethyl phthalate	ND		ug/kg	760	--	2
Dimethyl phthalate	ND		ug/kg	760	--	2
Benzo(a)anthracene	ND		ug/kg	450	--	2
Benzo(a)pyrene	ND		ug/kg	610	--	2
Benzo(b)fluoranthene	ND		ug/kg	450	--	2
Benzo(k)fluoranthene	ND		ug/kg	450	--	2
Chrysene	ND		ug/kg	450	--	2

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-07 D
Client ID: S-12L-B010-2.5-3.0 REP
Sample Location: NEW BEDFORD, MA

Date Collected: 07/17/12 10:50
Date Received: 07/18/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	610	--	2
Anthracene	ND		ug/kg	450	--	2
Benzo(ghi)perylene	ND		ug/kg	610	--	2
Fluorene	ND		ug/kg	760	--	2
Phenanthrene	ND		ug/kg	450	--	2
Dibenzo(a,h)anthracene	ND		ug/kg	450	--	2
Indeno(1,2,3-cd)pyrene	ND		ug/kg	610	--	2
Pyrene	ND		ug/kg	450	--	2
Biphenyl	ND		ug/kg	1700	--	2
4-Chloroaniline	ND		ug/kg	760	--	2
2-Nitroaniline	ND		ug/kg	760	--	2
3-Nitroaniline	ND		ug/kg	760	--	2
4-Nitroaniline	ND		ug/kg	760	--	2
Dibenzofuran	ND		ug/kg	760	--	2
2-Methylnaphthalene	ND		ug/kg	910	--	2
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	760	--	2
Acetophenone	ND		ug/kg	760	--	2
2,4,6-Trichlorophenol	ND		ug/kg	450	--	2
p-Chloro-m-cresol	ND		ug/kg	760	--	2
2-Chlorophenol	ND		ug/kg	760	--	2
2,4-Dichlorophenol	ND		ug/kg	760	--	2
2,4-Dimethylphenol	ND		ug/kg	760	--	2
2-Nitrophenol	ND		ug/kg	1700	--	2
4-Nitrophenol	ND		ug/kg	1100	--	2
2,4-Dinitrophenol	ND		ug/kg	3600	--	2
4,6-Dinitro-o-cresol	ND		ug/kg	2000	--	2
Pentachlorophenol	ND		ug/kg	610	--	2
Phenol	ND		ug/kg	760	--	2
2-Methylphenol	ND		ug/kg	760	--	2
3-Methylphenol/4-Methylphenol	ND		ug/kg	1100	--	2
2,4,5-Trichlorophenol	ND		ug/kg	760	--	2
Carbazole	ND		ug/kg	760	--	2
Atrazine	ND		ug/kg	610	--	2
Benzaldehyde	ND		ug/kg	1100	--	2
Caprolactam	ND		ug/kg	760	--	2
2,3,4,6-Tetrachlorophenol	ND		ug/kg	760	--	2

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-07 D
Client ID: S-12L-B010-2.5-3.0 REP
Sample Location: NEW BEDFORD, MA

Date Collected: 07/17/12 10:50
Date Received: 07/18/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	93		0-136
4-Terphenyl-d14	81		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-08	Date Collected:	07/17/12 11:20
Client ID:	S-12L-B010-4.0-4.5	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 11:50
Analytical Date:	07/30/12 22:16		
Analyst:	JB		
Percent Solids:	94%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	--	1
Hexachlorobenzene	ND		ug/kg	100	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	--	1
2-Chloronaphthalene	ND		ug/kg	180	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	--	1
2,4-Dinitrotoluene	ND		ug/kg	180	--	1
2,6-Dinitrotoluene	ND		ug/kg	180	--	1
Fluoranthene	ND		ug/kg	100	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	--	1
Hexachlorobutadiene	ND		ug/kg	180	--	1
Hexachlorocyclopentadiene	ND		ug/kg	490	--	1
Hexachloroethane	ND		ug/kg	140	--	1
Isophorone	ND		ug/kg	180	--	1
Naphthalene	ND		ug/kg	180	--	1
Nitrobenzene	ND		ug/kg	180	--	1
NDPA/DPA	ND		ug/kg	140	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	--	1
Butyl benzyl phthalate	ND		ug/kg	180	--	1
Di-n-butylphthalate	ND		ug/kg	180	--	1
Di-n-octylphthalate	ND		ug/kg	180	--	1
Diethyl phthalate	ND		ug/kg	180	--	1
Dimethyl phthalate	ND		ug/kg	180	--	1
Benzo(a)anthracene	ND		ug/kg	100	--	1
Benzo(a)pyrene	ND		ug/kg	140	--	1
Benzo(b)fluoranthene	ND		ug/kg	100	--	1
Benzo(k)fluoranthene	ND		ug/kg	100	--	1
Chrysene	ND		ug/kg	100	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-08 Date Collected: 07/17/12 11:20

Client ID: S-12L-B010-4.0-4.5 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	140	--	1
Anthracene	ND		ug/kg	100	--	1
Benzo(ghi)perylene	ND		ug/kg	140	--	1
Fluorene	ND		ug/kg	180	--	1
Phenanthrene	ND		ug/kg	100	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	--	1
Pyrene	ND		ug/kg	100	--	1
Biphenyl	ND		ug/kg	390	--	1
4-Chloroaniline	ND		ug/kg	180	--	1
2-Nitroaniline	ND		ug/kg	180	--	1
3-Nitroaniline	ND		ug/kg	180	--	1
4-Nitroaniline	ND		ug/kg	180	--	1
Dibenzofuran	ND		ug/kg	180	--	1
2-Methylnaphthalene	ND		ug/kg	210	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	--	1
Acetophenone	ND		ug/kg	180	--	1
2,4,6-Trichlorophenol	ND		ug/kg	100	--	1
p-Chloro-m-cresol	ND		ug/kg	180	--	1
2-Chlorophenol	ND		ug/kg	180	--	1
2,4-Dichlorophenol	ND		ug/kg	180	--	1
2,4-Dimethylphenol	ND		ug/kg	180	--	1
2-Nitrophenol	ND		ug/kg	390	--	1
4-Nitrophenol	ND		ug/kg	240	--	1
2,4-Dinitrophenol	ND		ug/kg	840	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	--	1
Pentachlorophenol	ND		ug/kg	140	--	1
Phenol	ND		ug/kg	180	--	1
2-Methylphenol	ND		ug/kg	180	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	--	1
2,4,5-Trichlorophenol	ND		ug/kg	180	--	1
Carbazole	ND		ug/kg	180	--	1
Atrazine	ND		ug/kg	140	--	1
Benzaldehyde	ND		ug/kg	240	--	1
Caprolactam	ND		ug/kg	180	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-08 Date Collected: 07/17/12 11:20

Client ID: S-12L-B010-4.0-4.5 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	103		0-136
4-Terphenyl-d14	85		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-09	Date Collected:	07/17/12 11:20
Client ID:	S-12L-B010-6.5-7.0	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 11:50
Analytical Date:	07/30/12 22:41		
Analyst:	JB		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	--	1
2-Chloronaphthalene	ND		ug/kg	180	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	--	1
2,4-Dinitrotoluene	ND		ug/kg	180	--	1
2,6-Dinitrotoluene	ND		ug/kg	180	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	--	1
Hexachlorobutadiene	ND		ug/kg	180	--	1
Hexachlorocyclopentadiene	ND		ug/kg	510	--	1
Hexachloroethane	ND		ug/kg	150	--	1
Isophorone	ND		ug/kg	180	--	1
Naphthalene	ND		ug/kg	180	--	1
Nitrobenzene	ND		ug/kg	180	--	1
NDPA/DPA	ND		ug/kg	150	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	--	1
Butyl benzyl phthalate	ND		ug/kg	180	--	1
Di-n-butylphthalate	ND		ug/kg	180	--	1
Di-n-octylphthalate	ND		ug/kg	180	--	1
Diethyl phthalate	ND		ug/kg	180	--	1
Dimethyl phthalate	ND		ug/kg	180	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	150	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-09 Date Collected: 07/17/12 11:20

Client ID: S-12L-B010-6.5-7.0 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	150	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	150	--	1
Fluorene	ND		ug/kg	180	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	400	--	1
4-Chloroaniline	ND		ug/kg	180	--	1
2-Nitroaniline	ND		ug/kg	180	--	1
3-Nitroaniline	ND		ug/kg	180	--	1
4-Nitroaniline	ND		ug/kg	180	--	1
Dibenzofuran	ND		ug/kg	180	--	1
2-Methylnaphthalene	ND		ug/kg	220	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	--	1
Acetophenone	ND		ug/kg	180	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	180	--	1
2-Chlorophenol	ND		ug/kg	180	--	1
2,4-Dichlorophenol	ND		ug/kg	180	--	1
2,4-Dimethylphenol	ND		ug/kg	180	--	1
2-Nitrophenol	ND		ug/kg	400	--	1
4-Nitrophenol	ND		ug/kg	260	--	1
2,4-Dinitrophenol	ND		ug/kg	880	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	--	1
Pentachlorophenol	ND		ug/kg	150	--	1
Phenol	ND		ug/kg	180	--	1
2-Methylphenol	ND		ug/kg	180	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	--	1
2,4,5-Trichlorophenol	ND		ug/kg	180	--	1
Carbazole	ND		ug/kg	180	--	1
Atrazine	ND		ug/kg	150	--	1
Benzaldehyde	ND		ug/kg	260	--	1
Caprolactam	ND		ug/kg	180	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-09 Date Collected: 07/17/12 11:20

Client ID: S-12L-B010-6.5-7.0 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	100		0-136
4-Terphenyl-d14	83		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-10 D	Date Collected:	07/17/12 11:35
Client ID:	S-12L-B010-9.0-9.5	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 11:50
Analytical Date:	07/30/12 23:06		
Analyst:	JB		
Percent Solids:	93%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	280	--	2
Hexachlorobenzene	ND		ug/kg	210	--	2
Bis(2-chloroethyl)ether	ND		ug/kg	350	--	2
2-Chloronaphthalene	ND		ug/kg	350	--	2
3,3'-Dichlorobenzidine	ND		ug/kg	350	--	2
2,4-Dinitrotoluene	ND		ug/kg	350	--	2
2,6-Dinitrotoluene	ND		ug/kg	350	--	2
Fluoranthene	ND		ug/kg	210	--	2
4-Chlorophenyl phenyl ether	ND		ug/kg	350	--	2
4-Bromophenyl phenyl ether	ND		ug/kg	350	--	2
Bis(2-chloroisopropyl)ether	ND		ug/kg	420	--	2
Bis(2-chloroethoxy)methane	ND		ug/kg	350	--	2
Hexachlorobutadiene	ND		ug/kg	350	--	2
Hexachlorocyclopentadiene	ND		ug/kg	970	--	2
Hexachloroethane	ND		ug/kg	280	--	2
Isophorone	ND		ug/kg	350	--	2
Naphthalene	ND		ug/kg	350	--	2
Nitrobenzene	ND		ug/kg	350	--	2
NDPA/DPA	ND		ug/kg	280	--	2
n-Nitrosodi-n-propylamine	ND		ug/kg	350	--	2
Bis(2-ethylhexyl)phthalate	ND		ug/kg	350	--	2
Butyl benzyl phthalate	ND		ug/kg	350	--	2
Di-n-butylphthalate	ND		ug/kg	350	--	2
Di-n-octylphthalate	ND		ug/kg	350	--	2
Diethyl phthalate	ND		ug/kg	350	--	2
Dimethyl phthalate	ND		ug/kg	350	--	2
Benzo(a)anthracene	ND		ug/kg	210	--	2
Benzo(a)pyrene	ND		ug/kg	280	--	2
Benzo(b)fluoranthene	ND		ug/kg	210	--	2
Benzo(k)fluoranthene	ND		ug/kg	210	--	2
Chrysene	ND		ug/kg	210	--	2

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-10 D Date Collected: 07/17/12 11:35

Client ID: S-12L-B010-9.0-9.5 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	280	--	2
Anthracene	ND		ug/kg	210	--	2
Benzo(ghi)perylene	ND		ug/kg	280	--	2
Fluorene	ND		ug/kg	350	--	2
Phenanthrene	ND		ug/kg	210	--	2
Dibenzo(a,h)anthracene	ND		ug/kg	210	--	2
Indeno(1,2,3-cd)pyrene	ND		ug/kg	280	--	2
Pyrene	ND		ug/kg	210	--	2
Biphenyl	ND		ug/kg	760	--	2
4-Chloroaniline	ND		ug/kg	350	--	2
2-Nitroaniline	ND		ug/kg	350	--	2
3-Nitroaniline	ND		ug/kg	350	--	2
4-Nitroaniline	ND		ug/kg	350	--	2
Dibenzofuran	ND		ug/kg	350	--	2
2-Methylnaphthalene	ND		ug/kg	420	--	2
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	350	--	2
Acetophenone	ND		ug/kg	350	--	2
2,4,6-Trichlorophenol	ND		ug/kg	210	--	2
p-Chloro-m-cresol	ND		ug/kg	350	--	2
2-Chlorophenol	ND		ug/kg	350	--	2
2,4-Dichlorophenol	ND		ug/kg	350	--	2
2,4-Dimethylphenol	ND		ug/kg	350	--	2
2-Nitrophenol	ND		ug/kg	760	--	2
4-Nitrophenol	ND		ug/kg	490	--	2
2,4-Dinitrophenol	ND		ug/kg	1700	--	2
4,6-Dinitro-o-cresol	ND		ug/kg	900	--	2
Pentachlorophenol	ND		ug/kg	280	--	2
Phenol	ND		ug/kg	350	--	2
2-Methylphenol	ND		ug/kg	350	--	2
3-Methylphenol/4-Methylphenol	ND		ug/kg	490	--	2
2,4,5-Trichlorophenol	ND		ug/kg	350	--	2
Carbazole	ND		ug/kg	350	--	2
Atrazine	ND		ug/kg	280	--	2
Benzaldehyde	ND		ug/kg	490	--	2
Caprolactam	ND		ug/kg	350	--	2
2,3,4,6-Tetrachlorophenol	ND		ug/kg	350	--	2

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-10 D
Client ID: S-12L-B010-9.0-9.5
Sample Location: NEW BEDFORD, MA

Date Collected: 07/17/12 11:35
Date Received: 07/18/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	52		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	79		0-136
4-Terphenyl-d14	73		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-11	Date Collected:	07/17/12 11:35
Client ID:	S-12L-B010-11.0-11.5	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 11:50
Analytical Date:	07/30/12 23:31		
Analyst:	JB		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	--	1
2-Chloronaphthalene	ND		ug/kg	180	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	--	1
2,4-Dinitrotoluene	ND		ug/kg	180	--	1
2,6-Dinitrotoluene	ND		ug/kg	180	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	--	1
Hexachlorobutadiene	ND		ug/kg	180	--	1
Hexachlorocyclopentadiene	ND		ug/kg	510	--	1
Hexachloroethane	ND		ug/kg	140	--	1
Isophorone	ND		ug/kg	180	--	1
Naphthalene	ND		ug/kg	180	--	1
Nitrobenzene	ND		ug/kg	180	--	1
NDPA/DPA	ND		ug/kg	140	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	--	1
Butyl benzyl phthalate	ND		ug/kg	180	--	1
Di-n-butylphthalate	ND		ug/kg	180	--	1
Di-n-octylphthalate	ND		ug/kg	180	--	1
Diethyl phthalate	ND		ug/kg	180	--	1
Dimethyl phthalate	ND		ug/kg	180	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	140	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-11 Date Collected: 07/17/12 11:35

Client ID: S-12L-B010-11.0-11.5 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	140	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	140	--	1
Fluorene	ND		ug/kg	180	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	400	--	1
4-Chloroaniline	ND		ug/kg	180	--	1
2-Nitroaniline	ND		ug/kg	180	--	1
3-Nitroaniline	ND		ug/kg	180	--	1
4-Nitroaniline	ND		ug/kg	180	--	1
Dibenzofuran	ND		ug/kg	180	--	1
2-Methylnaphthalene	ND		ug/kg	220	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	--	1
Acetophenone	ND		ug/kg	180	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	180	--	1
2-Chlorophenol	ND		ug/kg	180	--	1
2,4-Dichlorophenol	ND		ug/kg	180	--	1
2,4-Dimethylphenol	ND		ug/kg	180	--	1
2-Nitrophenol	ND		ug/kg	400	--	1
4-Nitrophenol	ND		ug/kg	250	--	1
2,4-Dinitrophenol	ND		ug/kg	870	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	--	1
Pentachlorophenol	ND		ug/kg	140	--	1
Phenol	ND		ug/kg	180	--	1
2-Methylphenol	ND		ug/kg	180	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	--	1
2,4,5-Trichlorophenol	ND		ug/kg	180	--	1
Carbazole	ND		ug/kg	180	--	1
Atrazine	ND		ug/kg	140	--	1
Benzaldehyde	ND		ug/kg	250	--	1
Caprolactam	ND		ug/kg	180	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-11 Date Collected: 07/17/12 11:35

Client ID: S-12L-B010-11.0-11.5 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	92		0-136
4-Terphenyl-d14	81		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-12	Date Collected:	07/17/12 12:20
Client ID:	S-12L-B010-14.0-14.5	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 11:50
Analytical Date:	07/30/12 23:55		
Analyst:	JB		
Percent Solids:	93%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	--	1
Hexachlorobenzene	ND		ug/kg	100	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	--	1
2-Chloronaphthalene	ND		ug/kg	170	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	--	1
2,4-Dinitrotoluene	ND		ug/kg	170	--	1
2,6-Dinitrotoluene	ND		ug/kg	170	--	1
Fluoranthene	ND		ug/kg	100	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	170	--	1
Hexachlorobutadiene	ND		ug/kg	170	--	1
Hexachlorocyclopentadiene	ND		ug/kg	490	--	1
Hexachloroethane	ND		ug/kg	140	--	1
Isophorone	ND		ug/kg	170	--	1
Naphthalene	ND		ug/kg	170	--	1
Nitrobenzene	ND		ug/kg	170	--	1
NDPA/DPA	ND		ug/kg	140	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	--	1
Butyl benzyl phthalate	ND		ug/kg	170	--	1
Di-n-butylphthalate	ND		ug/kg	170	--	1
Di-n-octylphthalate	ND		ug/kg	170	--	1
Diethyl phthalate	ND		ug/kg	170	--	1
Dimethyl phthalate	ND		ug/kg	170	--	1
Benzo(a)anthracene	ND		ug/kg	100	--	1
Benzo(a)pyrene	ND		ug/kg	140	--	1
Benzo(b)fluoranthene	ND		ug/kg	100	--	1
Benzo(k)fluoranthene	ND		ug/kg	100	--	1
Chrysene	ND		ug/kg	100	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-12 Date Collected: 07/17/12 12:20

Client ID: S-12L-B010-14.0-14.5 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	140	--	1
Anthracene	ND		ug/kg	100	--	1
Benzo(ghi)perylene	ND		ug/kg	140	--	1
Fluorene	ND		ug/kg	170	--	1
Phenanthrene	ND		ug/kg	100	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	--	1
Pyrene	ND		ug/kg	100	--	1
Biphenyl	ND		ug/kg	380	--	1
4-Chloroaniline	ND		ug/kg	170	--	1
2-Nitroaniline	ND		ug/kg	170	--	1
3-Nitroaniline	ND		ug/kg	170	--	1
4-Nitroaniline	ND		ug/kg	170	--	1
Dibenzofuran	ND		ug/kg	170	--	1
2-Methylnaphthalene	ND		ug/kg	210	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	--	1
Acetophenone	ND		ug/kg	170	--	1
2,4,6-Trichlorophenol	ND		ug/kg	100	--	1
p-Chloro-m-cresol	ND		ug/kg	170	--	1
2-Chlorophenol	ND		ug/kg	170	--	1
2,4-Dichlorophenol	ND		ug/kg	170	--	1
2,4-Dimethylphenol	ND		ug/kg	170	--	1
2-Nitrophenol	ND		ug/kg	380	--	1
4-Nitrophenol	ND		ug/kg	240	--	1
2,4-Dinitrophenol	ND		ug/kg	840	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	--	1
Pentachlorophenol	ND		ug/kg	140	--	1
Phenol	ND		ug/kg	170	--	1
2-Methylphenol	ND		ug/kg	170	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	--	1
2,4,5-Trichlorophenol	ND		ug/kg	170	--	1
Carbazole	ND		ug/kg	170	--	1
Atrazine	ND		ug/kg	140	--	1
Benzaldehyde	ND		ug/kg	240	--	1
Caprolactam	ND		ug/kg	170	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-12 Date Collected: 07/17/12 12:20

Client ID: S-12L-B010-14.0-14.5 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	66		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	86		0-136
4-Terphenyl-d14	85		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-13	Date Collected:	07/17/12 12:20
Client ID:	S-12L-B010-15.8-16.3	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 11:50
Analytical Date:	07/31/12 00:20		
Analyst:	JB		
Percent Solids:	88%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	--	1
2-Chloronaphthalene	ND		ug/kg	190	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	--	1
2,4-Dinitrotoluene	ND		ug/kg	190	--	1
2,6-Dinitrotoluene	ND		ug/kg	190	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	--	1
Hexachlorobutadiene	ND		ug/kg	190	--	1
Hexachlorocyclopentadiene	ND		ug/kg	520	--	1
Hexachloroethane	ND		ug/kg	150	--	1
Isophorone	ND		ug/kg	190	--	1
Naphthalene	ND		ug/kg	190	--	1
Nitrobenzene	ND		ug/kg	190	--	1
NDPA/DPA	ND		ug/kg	150	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	--	1
Butyl benzyl phthalate	ND		ug/kg	190	--	1
Di-n-butylphthalate	ND		ug/kg	190	--	1
Di-n-octylphthalate	ND		ug/kg	190	--	1
Diethyl phthalate	ND		ug/kg	190	--	1
Dimethyl phthalate	ND		ug/kg	190	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	150	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-13 Date Collected: 07/17/12 12:20

Client ID: S-12L-B010-15.8-16.3 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	150	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	150	--	1
Fluorene	ND		ug/kg	190	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	410	--	1
4-Chloroaniline	ND		ug/kg	190	--	1
2-Nitroaniline	ND		ug/kg	190	--	1
3-Nitroaniline	ND		ug/kg	190	--	1
4-Nitroaniline	ND		ug/kg	190	--	1
Dibenzofuran	ND		ug/kg	190	--	1
2-Methylnaphthalene	ND		ug/kg	220	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	--	1
Acetophenone	ND		ug/kg	190	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	190	--	1
2-Chlorophenol	ND		ug/kg	190	--	1
2,4-Dichlorophenol	ND		ug/kg	190	--	1
2,4-Dimethylphenol	ND		ug/kg	190	--	1
2-Nitrophenol	ND		ug/kg	410	--	1
4-Nitrophenol	ND		ug/kg	260	--	1
2,4-Dinitrophenol	ND		ug/kg	900	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	--	1
Pentachlorophenol	ND		ug/kg	150	--	1
Phenol	ND		ug/kg	190	--	1
2-Methylphenol	ND		ug/kg	190	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	--	1
2,4,5-Trichlorophenol	ND		ug/kg	190	--	1
Carbazole	ND		ug/kg	190	--	1
Atrazine	ND		ug/kg	150	--	1
Benzaldehyde	ND		ug/kg	260	--	1
Caprolactam	ND		ug/kg	190	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-13 Date Collected: 07/17/12 12:20

Client ID: S-12L-B010-15.8-16.3 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	94		0-136
4-Terphenyl-d14	75		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-14	Date Collected:	07/17/12 13:00
Client ID:	S-12L-B010-20.0-20.5	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 11:50
Analytical Date:	07/31/12 00:45		
Analyst:	JB		
Percent Solids:	86%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	--	1
2-Chloronaphthalene	ND		ug/kg	190	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	--	1
2,4-Dinitrotoluene	ND		ug/kg	190	--	1
2,6-Dinitrotoluene	ND		ug/kg	190	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	--	1
Hexachlorobutadiene	ND		ug/kg	190	--	1
Hexachlorocyclopentadiene	ND		ug/kg	530	--	1
Hexachloroethane	ND		ug/kg	150	--	1
Isophorone	ND		ug/kg	190	--	1
Naphthalene	ND		ug/kg	190	--	1
Nitrobenzene	ND		ug/kg	190	--	1
NDPA/DPA	ND		ug/kg	150	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	--	1
Butyl benzyl phthalate	ND		ug/kg	190	--	1
Di-n-butylphthalate	ND		ug/kg	190	--	1
Di-n-octylphthalate	ND		ug/kg	190	--	1
Diethyl phthalate	ND		ug/kg	190	--	1
Dimethyl phthalate	ND		ug/kg	190	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	150	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-14 Date Collected: 07/17/12 13:00

Client ID: S-12L-B010-20.0-20.5 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	150	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	150	--	1
Fluorene	ND		ug/kg	190	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	420	--	1
4-Chloroaniline	ND		ug/kg	190	--	1
2-Nitroaniline	ND		ug/kg	190	--	1
3-Nitroaniline	ND		ug/kg	190	--	1
4-Nitroaniline	ND		ug/kg	190	--	1
Dibenzofuran	ND		ug/kg	190	--	1
2-Methylnaphthalene	ND		ug/kg	230	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	--	1
Acetophenone	ND		ug/kg	190	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	190	--	1
2-Chlorophenol	ND		ug/kg	190	--	1
2,4-Dichlorophenol	ND		ug/kg	190	--	1
2,4-Dimethylphenol	ND		ug/kg	190	--	1
2-Nitrophenol	ND		ug/kg	420	--	1
4-Nitrophenol	ND		ug/kg	260	--	1
2,4-Dinitrophenol	ND		ug/kg	910	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	--	1
Pentachlorophenol	ND		ug/kg	150	--	1
Phenol	ND		ug/kg	190	--	1
2-Methylphenol	ND		ug/kg	190	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	--	1
2,4,5-Trichlorophenol	ND		ug/kg	190	--	1
Carbazole	ND		ug/kg	190	--	1
Atrazine	ND		ug/kg	150	--	1
Benzaldehyde	ND		ug/kg	260	--	1
Caprolactam	ND		ug/kg	190	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-14 Date Collected: 07/17/12 13:00

Client ID: S-12L-B010-20.0-20.5 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	97		0-136
4-Terphenyl-d14	81		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-15	Date Collected:	07/17/12 13:00
Client ID:	S-12L-B010-21-.5-22.0	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 11:50
Analytical Date:	07/31/12 01:10		
Analyst:	JB		
Percent Solids:	85%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	--	1
Hexachlorobenzene	ND		ug/kg	120	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	--	1
2-Chloronaphthalene	ND		ug/kg	190	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	--	1
2,4-Dinitrotoluene	ND		ug/kg	190	--	1
2,6-Dinitrotoluene	ND		ug/kg	190	--	1
Fluoranthene	ND		ug/kg	120	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	--	1
Hexachlorobutadiene	ND		ug/kg	190	--	1
Hexachlorocyclopentadiene	ND		ug/kg	540	--	1
Hexachloroethane	ND		ug/kg	150	--	1
Isophorone	ND		ug/kg	190	--	1
Naphthalene	ND		ug/kg	190	--	1
Nitrobenzene	ND		ug/kg	190	--	1
NDPA/DPA	ND		ug/kg	150	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	--	1
Butyl benzyl phthalate	ND		ug/kg	190	--	1
Di-n-butylphthalate	ND		ug/kg	190	--	1
Di-n-octylphthalate	ND		ug/kg	190	--	1
Diethyl phthalate	ND		ug/kg	190	--	1
Dimethyl phthalate	ND		ug/kg	190	--	1
Benzo(a)anthracene	ND		ug/kg	120	--	1
Benzo(a)pyrene	ND		ug/kg	150	--	1
Benzo(b)fluoranthene	ND		ug/kg	120	--	1
Benzo(k)fluoranthene	ND		ug/kg	120	--	1
Chrysene	ND		ug/kg	120	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-15 Date Collected: 07/17/12 13:00

Client ID: S-12L-B010-21-.5-22.0 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	150	--	1
Anthracene	ND		ug/kg	120	--	1
Benzo(ghi)perylene	ND		ug/kg	150	--	1
Fluorene	ND		ug/kg	190	--	1
Phenanthrene	ND		ug/kg	120	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	--	1
Pyrene	ND		ug/kg	120	--	1
Biphenyl	ND		ug/kg	420	--	1
4-Chloroaniline	ND		ug/kg	190	--	1
2-Nitroaniline	ND		ug/kg	190	--	1
3-Nitroaniline	ND		ug/kg	190	--	1
4-Nitroaniline	ND		ug/kg	190	--	1
Dibenzofuran	ND		ug/kg	190	--	1
2-Methylnaphthalene	ND		ug/kg	230	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	--	1
Acetophenone	ND		ug/kg	190	--	1
2,4,6-Trichlorophenol	ND		ug/kg	120	--	1
p-Chloro-m-cresol	ND		ug/kg	190	--	1
2-Chlorophenol	ND		ug/kg	190	--	1
2,4-Dichlorophenol	ND		ug/kg	190	--	1
2,4-Dimethylphenol	ND		ug/kg	190	--	1
2-Nitrophenol	ND		ug/kg	420	--	1
4-Nitrophenol	ND		ug/kg	270	--	1
2,4-Dinitrophenol	ND		ug/kg	930	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	--	1
Pentachlorophenol	ND		ug/kg	150	--	1
Phenol	ND		ug/kg	190	--	1
2-Methylphenol	ND		ug/kg	190	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	--	1
2,4,5-Trichlorophenol	ND		ug/kg	190	--	1
Carbazole	ND		ug/kg	190	--	1
Atrazine	ND		ug/kg	150	--	1
Benzaldehyde	ND		ug/kg	270	--	1
Caprolactam	ND		ug/kg	190	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-15 Date Collected: 07/17/12 13:00

Client ID: S-12L-B010-21-.5-22.0 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	92		0-136
4-Terphenyl-d14	76		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-16	Date Collected:	07/17/12 13:00
Client ID:	S-12L-B010-22.7-23.2	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 11:50
Analytical Date:	07/31/12 01:34		
Analyst:	JB		
Percent Solids:	93%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	--	1
Hexachlorobenzene	ND		ug/kg	100	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	--	1
2-Chloronaphthalene	ND		ug/kg	170	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	--	1
2,4-Dinitrotoluene	ND		ug/kg	170	--	1
2,6-Dinitrotoluene	ND		ug/kg	170	--	1
Fluoranthene	ND		ug/kg	100	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	170	--	1
Hexachlorobutadiene	ND		ug/kg	170	--	1
Hexachlorocyclopentadiene	ND		ug/kg	490	--	1
Hexachloroethane	ND		ug/kg	140	--	1
Isophorone	ND		ug/kg	170	--	1
Naphthalene	ND		ug/kg	170	--	1
Nitrobenzene	ND		ug/kg	170	--	1
NDPA/DPA	ND		ug/kg	140	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	--	1
Butyl benzyl phthalate	ND		ug/kg	170	--	1
Di-n-butylphthalate	ND		ug/kg	170	--	1
Di-n-octylphthalate	ND		ug/kg	170	--	1
Diethyl phthalate	ND		ug/kg	170	--	1
Dimethyl phthalate	ND		ug/kg	170	--	1
Benzo(a)anthracene	ND		ug/kg	100	--	1
Benzo(a)pyrene	ND		ug/kg	140	--	1
Benzo(b)fluoranthene	ND		ug/kg	100	--	1
Benzo(k)fluoranthene	ND		ug/kg	100	--	1
Chrysene	ND		ug/kg	100	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-16 Date Collected: 07/17/12 13:00

Client ID: S-12L-B010-22.7-23.2 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	140	--	1
Anthracene	ND		ug/kg	100	--	1
Benzo(ghi)perylene	ND		ug/kg	140	--	1
Fluorene	ND		ug/kg	170	--	1
Phenanthrene	ND		ug/kg	100	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	--	1
Pyrene	ND		ug/kg	100	--	1
Biphenyl	ND		ug/kg	380	--	1
4-Chloroaniline	ND		ug/kg	170	--	1
2-Nitroaniline	ND		ug/kg	170	--	1
3-Nitroaniline	ND		ug/kg	170	--	1
4-Nitroaniline	ND		ug/kg	170	--	1
Dibenzofuran	ND		ug/kg	170	--	1
2-Methylnaphthalene	ND		ug/kg	210	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	--	1
Acetophenone	ND		ug/kg	170	--	1
2,4,6-Trichlorophenol	ND		ug/kg	100	--	1
p-Chloro-m-cresol	ND		ug/kg	170	--	1
2-Chlorophenol	ND		ug/kg	170	--	1
2,4-Dichlorophenol	ND		ug/kg	170	--	1
2,4-Dimethylphenol	ND		ug/kg	170	--	1
2-Nitrophenol	ND		ug/kg	380	--	1
4-Nitrophenol	ND		ug/kg	240	--	1
2,4-Dinitrophenol	ND		ug/kg	840	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	--	1
Pentachlorophenol	ND		ug/kg	140	--	1
Phenol	ND		ug/kg	170	--	1
2-Methylphenol	ND		ug/kg	170	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	--	1
2,4,5-Trichlorophenol	ND		ug/kg	170	--	1
Carbazole	ND		ug/kg	170	--	1
Atrazine	ND		ug/kg	140	--	1
Benzaldehyde	ND		ug/kg	240	--	1
Caprolactam	ND		ug/kg	170	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-16 Date Collected: 07/17/12 13:00

Client ID: S-12L-B010-22.7-23.2 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	49		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	95		0-136
4-Terphenyl-d14	80		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-17	Date Collected:	07/18/12 08:15
Client ID:	EB-071812-01	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8270D	Extraction Date:	07/23/12 08:20
Analytical Date:	07/31/12 00:45		
Analyst:	RC		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/l	2.0	--	1
Hexachlorobenzene	ND		ug/l	2.0	--	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	--	1
2-Chloronaphthalene	ND		ug/l	2.0	--	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	--	1
2,4-Dinitrotoluene	ND		ug/l	5.0	--	1
2,6-Dinitrotoluene	ND		ug/l	5.0	--	1
Fluoranthene	ND		ug/l	2.0	--	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	--	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	--	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	--	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	--	1
Hexachlorobutadiene	ND		ug/l	2.0	--	1
Hexachlorocyclopentadiene	ND		ug/l	20	--	1
Hexachloroethane	ND		ug/l	2.0	--	1
Isophorone	ND		ug/l	5.0	--	1
Naphthalene	ND		ug/l	2.0	--	1
Nitrobenzene	ND		ug/l	2.0	--	1
NDPA/DPA	ND		ug/l	2.0	--	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	--	1
Butyl benzyl phthalate	ND		ug/l	5.0	--	1
Di-n-butylphthalate	ND		ug/l	5.0	--	1
Di-n-octylphthalate	ND		ug/l	5.0	--	1
Diethyl phthalate	ND		ug/l	5.0	--	1
Dimethyl phthalate	ND		ug/l	5.0	--	1
Benzo(a)anthracene	ND		ug/l	2.0	--	1
Benzo(a)pyrene	ND		ug/l	2.0	--	1
Benzo(b)fluoranthene	ND		ug/l	2.0	--	1
Benzo(k)fluoranthene	ND		ug/l	2.0	--	1
Chrysene	ND		ug/l	2.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-17 Date Collected: 07/18/12 08:15

Client ID: EB-071812-01 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/l	2.0	--	1
Anthracene	ND		ug/l	2.0	--	1
Benzo(ghi)perylene	ND		ug/l	2.0	--	1
Fluorene	ND		ug/l	2.0	--	1
Phenanthrene	ND		ug/l	2.0	--	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	--	1
Pyrene	ND		ug/l	2.0	--	1
Biphenyl	ND		ug/l	2.0	--	1
4-Chloroaniline	ND		ug/l	5.0	--	1
2-Nitroaniline	ND		ug/l	5.0	--	1
3-Nitroaniline	ND		ug/l	5.0	--	1
4-Nitroaniline	ND		ug/l	5.0	--	1
Dibenzofuran	ND		ug/l	2.0	--	1
2-Methylnaphthalene	ND		ug/l	2.0	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	--	1
Acetophenone	ND		ug/l	5.0	--	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	--	1
p-Chloro-m-cresol	ND		ug/l	2.0	--	1
2-Chlorophenol	ND		ug/l	2.0	--	1
2,4-Dichlorophenol	ND		ug/l	5.0	--	1
2,4-Dimethylphenol	ND		ug/l	5.0	--	1
2-Nitrophenol	ND		ug/l	10	--	1
4-Nitrophenol	ND		ug/l	10	--	1
2,4-Dinitrophenol	ND		ug/l	20	--	1
4,6-Dinitro-o-cresol	ND		ug/l	10	--	1
Pentachlorophenol	ND		ug/l	10	--	1
Phenol	ND		ug/l	5.0	--	1
2-Methylphenol	ND		ug/l	5.0	--	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	--	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	--	1
Carbazole	ND		ug/l	2.0	--	1
Atrazine	ND		ug/l	10	--	1
Benzaldehyde	ND		ug/l	5.0	--	1
Caprolactam	ND		ug/l	10	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-17 Date Collected: 07/18/12 08:15

Client ID: EB-071812-01 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	39		21-120
Phenol-d6	27		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	67		15-120
2,4,6-Tribromophenol	84		10-120
4-Terphenyl-d14	86		41-149

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-18	Date Collected:	07/14/12 11:00
Client ID:	S-12L-B005-6.0-6.5	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 11:50
Analytical Date:	07/31/12 01:59		
Analyst:	JB		
Percent Solids:	79%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	--	1
Hexachlorobenzene	ND		ug/kg	120	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	210	--	1
2-Chloronaphthalene	ND		ug/kg	210	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	--	1
2,4-Dinitrotoluene	ND		ug/kg	210	--	1
2,6-Dinitrotoluene	ND		ug/kg	210	--	1
Fluoranthene	ND		ug/kg	120	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	--	1
Hexachlorobutadiene	ND		ug/kg	210	--	1
Hexachlorocyclopentadiene	ND		ug/kg	580	--	1
Hexachloroethane	ND		ug/kg	170	--	1
Isophorone	ND		ug/kg	210	--	1
Naphthalene	ND		ug/kg	210	--	1
Nitrobenzene	ND		ug/kg	210	--	1
NDPA/DPA	ND		ug/kg	170	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	--	1
Butyl benzyl phthalate	ND		ug/kg	210	--	1
Di-n-butylphthalate	ND		ug/kg	210	--	1
Di-n-octylphthalate	ND		ug/kg	210	--	1
Diethyl phthalate	ND		ug/kg	210	--	1
Dimethyl phthalate	ND		ug/kg	210	--	1
Benzo(a)anthracene	ND		ug/kg	120	--	1
Benzo(a)pyrene	ND		ug/kg	170	--	1
Benzo(b)fluoranthene	ND		ug/kg	120	--	1
Benzo(k)fluoranthene	ND		ug/kg	120	--	1
Chrysene	ND		ug/kg	120	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-18 Date Collected: 07/14/12 11:00

Client ID: S-12L-B005-6.0-6.5 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	170	--	1
Anthracene	ND		ug/kg	120	--	1
Benzo(ghi)perylene	ND		ug/kg	170	--	1
Fluorene	ND		ug/kg	210	--	1
Phenanthrene	ND		ug/kg	120	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	--	1
Pyrene	ND		ug/kg	120	--	1
Biphenyl	ND		ug/kg	460	--	1
4-Chloroaniline	ND		ug/kg	210	--	1
2-Nitroaniline	ND		ug/kg	210	--	1
3-Nitroaniline	ND		ug/kg	210	--	1
4-Nitroaniline	ND		ug/kg	210	--	1
Dibenzofuran	ND		ug/kg	210	--	1
2-Methylnaphthalene	ND		ug/kg	250	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	--	1
Acetophenone	ND		ug/kg	210	--	1
2,4,6-Trichlorophenol	ND		ug/kg	120	--	1
p-Chloro-m-cresol	ND		ug/kg	210	--	1
2-Chlorophenol	ND		ug/kg	210	--	1
2,4-Dichlorophenol	ND		ug/kg	210	--	1
2,4-Dimethylphenol	ND		ug/kg	210	--	1
2-Nitrophenol	ND		ug/kg	460	--	1
4-Nitrophenol	ND		ug/kg	290	--	1
2,4-Dinitrophenol	ND		ug/kg	1000	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	--	1
Pentachlorophenol	ND		ug/kg	170	--	1
Phenol	ND		ug/kg	210	--	1
2-Methylphenol	ND		ug/kg	210	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	--	1
2,4,5-Trichlorophenol	ND		ug/kg	210	--	1
Carbazole	ND		ug/kg	210	--	1
Atrazine	ND		ug/kg	170	--	1
Benzaldehyde	ND		ug/kg	290	--	1
Caprolactam	ND		ug/kg	210	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	210	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-18 Date Collected: 07/14/12 11:00

Client ID: S-12L-B005-6.0-6.5 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	63		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	115		0-136
4-Terphenyl-d14	93		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-19	Date Collected:	07/14/12 11:00
Client ID:	S-12L-B005-7.5-8.0	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 11:50
Analytical Date:	07/31/12 02:24		
Analyst:	JB		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	--	1
2-Chloronaphthalene	ND		ug/kg	180	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	--	1
2,4-Dinitrotoluene	ND		ug/kg	180	--	1
2,6-Dinitrotoluene	ND		ug/kg	180	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	--	1
Hexachlorobutadiene	ND		ug/kg	180	--	1
Hexachlorocyclopentadiene	ND		ug/kg	510	--	1
Hexachloroethane	ND		ug/kg	150	--	1
Isophorone	ND		ug/kg	180	--	1
Naphthalene	ND		ug/kg	180	--	1
Nitrobenzene	ND		ug/kg	180	--	1
NDPA/DPA	ND		ug/kg	150	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	--	1
Butyl benzyl phthalate	ND		ug/kg	180	--	1
Di-n-butylphthalate	ND		ug/kg	180	--	1
Di-n-octylphthalate	ND		ug/kg	180	--	1
Diethyl phthalate	ND		ug/kg	180	--	1
Dimethyl phthalate	ND		ug/kg	180	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	150	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-19 Date Collected: 07/14/12 11:00

Client ID: S-12L-B005-7.5-8.0 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	150	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	150	--	1
Fluorene	ND		ug/kg	180	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	400	--	1
4-Chloroaniline	ND		ug/kg	180	--	1
2-Nitroaniline	ND		ug/kg	180	--	1
3-Nitroaniline	ND		ug/kg	180	--	1
4-Nitroaniline	ND		ug/kg	180	--	1
Dibenzofuran	ND		ug/kg	180	--	1
2-Methylnaphthalene	ND		ug/kg	220	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	--	1
Acetophenone	ND		ug/kg	180	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	180	--	1
2-Chlorophenol	ND		ug/kg	180	--	1
2,4-Dichlorophenol	ND		ug/kg	180	--	1
2,4-Dimethylphenol	ND		ug/kg	180	--	1
2-Nitrophenol	ND		ug/kg	400	--	1
4-Nitrophenol	ND		ug/kg	260	--	1
2,4-Dinitrophenol	ND		ug/kg	880	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	--	1
Pentachlorophenol	ND		ug/kg	150	--	1
Phenol	ND		ug/kg	180	--	1
2-Methylphenol	ND		ug/kg	180	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	--	1
2,4,5-Trichlorophenol	ND		ug/kg	180	--	1
Carbazole	ND		ug/kg	180	--	1
Atrazine	ND		ug/kg	150	--	1
Benzaldehyde	ND		ug/kg	260	--	1
Caprolactam	ND		ug/kg	180	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-19 Date Collected: 07/14/12 11:00

Client ID: S-12L-B005-7.5-8.0 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	88		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	111		0-136
4-Terphenyl-d14	92		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-20	Date Collected:	07/14/12 12:10
Client ID:	S-12L-B005-10.5-11.0	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 11:50
Analytical Date:	07/31/12 02:49		
Analyst:	JB		
Percent Solids:	99%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	730		ug/kg	130	--	1
Hexachlorobenzene	ND		ug/kg	100	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	--	1
2-Chloronaphthalene	ND		ug/kg	170	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	--	1
2,4-Dinitrotoluene	ND		ug/kg	170	--	1
2,6-Dinitrotoluene	ND		ug/kg	170	--	1
Fluoranthene	4100		ug/kg	100	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	170	--	1
Hexachlorobutadiene	ND		ug/kg	170	--	1
Hexachlorocyclopentadiene	ND		ug/kg	460	--	1
Hexachloroethane	ND		ug/kg	130	--	1
Isophorone	ND		ug/kg	170	--	1
Naphthalene	ND		ug/kg	170	--	1
Nitrobenzene	ND		ug/kg	170	--	1
NDPA/DPA	ND		ug/kg	130	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	--	1
Butyl benzyl phthalate	ND		ug/kg	170	--	1
Di-n-butylphthalate	ND		ug/kg	170	--	1
Di-n-octylphthalate	ND		ug/kg	170	--	1
Diethyl phthalate	ND		ug/kg	170	--	1
Dimethyl phthalate	ND		ug/kg	170	--	1
Benzo(a)anthracene	1300		ug/kg	100	--	1
Benzo(a)pyrene	1000		ug/kg	130	--	1
Benzo(b)fluoranthene	1400		ug/kg	100	--	1
Benzo(k)fluoranthene	530		ug/kg	100	--	1
Chrysene	1300		ug/kg	100	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-20 Date Collected: 07/14/12 12:10

Client ID: S-12L-B005-10.5-11.0 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	130	--	1
Anthracene	1100		ug/kg	100	--	1
Benzo(ghi)perylene	680		ug/kg	130	--	1
Fluorene	730		ug/kg	170	--	1
Phenanthrene	4300		ug/kg	100	--	1
Dibenzo(a,h)anthracene	190		ug/kg	100	--	1
Indeno(1,2,3-cd)pyrene	710		ug/kg	130	--	1
Pyrene	2900		ug/kg	100	--	1
Biphenyl	ND		ug/kg	360	--	1
4-Chloroaniline	ND		ug/kg	170	--	1
2-Nitroaniline	ND		ug/kg	170	--	1
3-Nitroaniline	ND		ug/kg	170	--	1
4-Nitroaniline	ND		ug/kg	170	--	1
Dibenzofuran	420		ug/kg	170	--	1
2-Methylnaphthalene	ND		ug/kg	200	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	--	1
Acetophenone	ND		ug/kg	170	--	1
2,4,6-Trichlorophenol	ND		ug/kg	100	--	1
p-Chloro-m-cresol	ND		ug/kg	170	--	1
2-Chlorophenol	ND		ug/kg	170	--	1
2,4-Dichlorophenol	ND		ug/kg	170	--	1
2,4-Dimethylphenol	ND		ug/kg	170	--	1
2-Nitrophenol	ND		ug/kg	360	--	1
4-Nitrophenol	ND		ug/kg	230	--	1
2,4-Dinitrophenol	ND		ug/kg	800	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	430	--	1
Pentachlorophenol	ND		ug/kg	130	--	1
Phenol	ND		ug/kg	170	--	1
2-Methylphenol	ND		ug/kg	170	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	--	1
2,4,5-Trichlorophenol	ND		ug/kg	170	--	1
Carbazole	740		ug/kg	170	--	1
Atrazine	ND		ug/kg	130	--	1
Benzaldehyde	ND		ug/kg	230	--	1
Caprolactam	ND		ug/kg	170	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-20 Date Collected: 07/14/12 12:10

Client ID: S-12L-B005-10.5-11.0 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	74		0-136
4-Terphenyl-d14	102		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-21	Date Collected:	07/14/12 12:40
Client ID:	S-12L-B005-15.2-15.7	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 11:50
Analytical Date:	07/31/12 03:13		
Analyst:	JB		
Percent Solids:	91%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	--	1
2-Chloronaphthalene	ND		ug/kg	180	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	--	1
2,4-Dinitrotoluene	ND		ug/kg	180	--	1
2,6-Dinitrotoluene	ND		ug/kg	180	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	--	1
Hexachlorobutadiene	ND		ug/kg	180	--	1
Hexachlorocyclopentadiene	ND		ug/kg	510	--	1
Hexachloroethane	ND		ug/kg	140	--	1
Isophorone	ND		ug/kg	180	--	1
Naphthalene	ND		ug/kg	180	--	1
Nitrobenzene	ND		ug/kg	180	--	1
NDPA/DPA	ND		ug/kg	140	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	--	1
Butyl benzyl phthalate	ND		ug/kg	180	--	1
Di-n-butylphthalate	ND		ug/kg	180	--	1
Di-n-octylphthalate	ND		ug/kg	180	--	1
Diethyl phthalate	ND		ug/kg	180	--	1
Dimethyl phthalate	ND		ug/kg	180	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	140	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-21 Date Collected: 07/14/12 12:40

Client ID: S-12L-B005-15.2-15.7 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	140	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	140	--	1
Fluorene	ND		ug/kg	180	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	400	--	1
4-Chloroaniline	ND		ug/kg	180	--	1
2-Nitroaniline	ND		ug/kg	180	--	1
3-Nitroaniline	ND		ug/kg	180	--	1
4-Nitroaniline	ND		ug/kg	180	--	1
Dibenzofuran	ND		ug/kg	180	--	1
2-Methylnaphthalene	ND		ug/kg	220	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	--	1
Acetophenone	ND		ug/kg	180	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	180	--	1
2-Chlorophenol	ND		ug/kg	180	--	1
2,4-Dichlorophenol	ND		ug/kg	180	--	1
2,4-Dimethylphenol	ND		ug/kg	180	--	1
2-Nitrophenol	ND		ug/kg	400	--	1
4-Nitrophenol	ND		ug/kg	250	--	1
2,4-Dinitrophenol	ND		ug/kg	870	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	--	1
Pentachlorophenol	ND		ug/kg	140	--	1
Phenol	ND		ug/kg	180	--	1
2-Methylphenol	ND		ug/kg	180	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	--	1
2,4,5-Trichlorophenol	ND		ug/kg	180	--	1
Carbazole	ND		ug/kg	180	--	1
Atrazine	ND		ug/kg	140	--	1
Benzaldehyde	ND		ug/kg	250	--	1
Caprolactam	ND		ug/kg	180	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-21 Date Collected: 07/14/12 12:40

Client ID: S-12L-B005-15.2-15.7 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	85		0-136
4-Terphenyl-d14	96		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-22	Date Collected:	07/14/12 12:40
Client ID:	S-12L-B005-16.5-17.0	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 11:50
Analytical Date:	07/31/12 03:38		
Analyst:	JB		
Percent Solids:	81%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	--	1
Hexachlorobenzene	ND		ug/kg	120	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	--	1
2-Chloronaphthalene	ND		ug/kg	200	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	--	1
2,4-Dinitrotoluene	ND		ug/kg	200	--	1
2,6-Dinitrotoluene	ND		ug/kg	200	--	1
Fluoranthene	ND		ug/kg	120	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	--	1
Hexachlorobutadiene	ND		ug/kg	200	--	1
Hexachlorocyclopentadiene	ND		ug/kg	570	--	1
Hexachloroethane	ND		ug/kg	160	--	1
Isophorone	ND		ug/kg	200	--	1
Naphthalene	ND		ug/kg	200	--	1
Nitrobenzene	ND		ug/kg	200	--	1
NDPA/DPA	ND		ug/kg	160	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	--	1
Butyl benzyl phthalate	ND		ug/kg	200	--	1
Di-n-butylphthalate	ND		ug/kg	200	--	1
Di-n-octylphthalate	ND		ug/kg	200	--	1
Diethyl phthalate	ND		ug/kg	200	--	1
Dimethyl phthalate	ND		ug/kg	200	--	1
Benzo(a)anthracene	ND		ug/kg	120	--	1
Benzo(a)pyrene	ND		ug/kg	160	--	1
Benzo(b)fluoranthene	ND		ug/kg	120	--	1
Benzo(k)fluoranthene	ND		ug/kg	120	--	1
Chrysene	ND		ug/kg	120	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-22 Date Collected: 07/14/12 12:40

Client ID: S-12L-B005-16.5-17.0 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	160	--	1
Anthracene	ND		ug/kg	120	--	1
Benzo(ghi)perylene	ND		ug/kg	160	--	1
Fluorene	ND		ug/kg	200	--	1
Phenanthrene	ND		ug/kg	120	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	--	1
Pyrene	ND		ug/kg	120	--	1
Biphenyl	ND		ug/kg	450	--	1
4-Chloroaniline	ND		ug/kg	200	--	1
2-Nitroaniline	ND		ug/kg	200	--	1
3-Nitroaniline	ND		ug/kg	200	--	1
4-Nitroaniline	ND		ug/kg	200	--	1
Dibenzofuran	ND		ug/kg	200	--	1
2-Methylnaphthalene	ND		ug/kg	240	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	--	1
Acetophenone	ND		ug/kg	200	--	1
2,4,6-Trichlorophenol	ND		ug/kg	120	--	1
p-Chloro-m-cresol	ND		ug/kg	200	--	1
2-Chlorophenol	ND		ug/kg	200	--	1
2,4-Dichlorophenol	ND		ug/kg	200	--	1
2,4-Dimethylphenol	ND		ug/kg	200	--	1
2-Nitrophenol	ND		ug/kg	450	--	1
4-Nitrophenol	ND		ug/kg	280	--	1
2,4-Dinitrophenol	ND		ug/kg	980	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	--	1
Pentachlorophenol	ND		ug/kg	160	--	1
Phenol	ND		ug/kg	200	--	1
2-Methylphenol	ND		ug/kg	200	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	--	1
2,4,5-Trichlorophenol	ND		ug/kg	200	--	1
Carbazole	ND		ug/kg	200	--	1
Atrazine	ND		ug/kg	160	--	1
Benzaldehyde	ND		ug/kg	280	--	1
Caprolactam	ND		ug/kg	200	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-22 Date Collected: 07/14/12 12:40

Client ID: S-12L-B005-16.5-17.0 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	93		25-120
Phenol-d6	94		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	90		30-120
2,4,6-Tribromophenol	103		0-136
4-Terphenyl-d14	101		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-23	Date Collected:	07/14/12 12:40
Client ID:	S-12L-B005-18.0-18.5	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 11:50
Analytical Date:	07/31/12 04:03		
Analyst:	JB		
Percent Solids:	86%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	--	1
Hexachlorobenzene	ND		ug/kg	120	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	--	1
2-Chloronaphthalene	ND		ug/kg	190	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	--	1
2,4-Dinitrotoluene	ND		ug/kg	190	--	1
2,6-Dinitrotoluene	ND		ug/kg	190	--	1
Fluoranthene	ND		ug/kg	120	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	--	1
Hexachlorobutadiene	ND		ug/kg	190	--	1
Hexachlorocyclopentadiene	ND		ug/kg	540	--	1
Hexachloroethane	ND		ug/kg	150	--	1
Isophorone	ND		ug/kg	190	--	1
Naphthalene	ND		ug/kg	190	--	1
Nitrobenzene	ND		ug/kg	190	--	1
NDPA/DPA	ND		ug/kg	150	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	--	1
Butyl benzyl phthalate	ND		ug/kg	190	--	1
Di-n-butylphthalate	ND		ug/kg	190	--	1
Di-n-octylphthalate	ND		ug/kg	190	--	1
Diethyl phthalate	ND		ug/kg	190	--	1
Dimethyl phthalate	ND		ug/kg	190	--	1
Benzo(a)anthracene	ND		ug/kg	120	--	1
Benzo(a)pyrene	ND		ug/kg	150	--	1
Benzo(b)fluoranthene	ND		ug/kg	120	--	1
Benzo(k)fluoranthene	ND		ug/kg	120	--	1
Chrysene	ND		ug/kg	120	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-23 Date Collected: 07/14/12 12:40

Client ID: S-12L-B005-18.0-18.5 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	150	--	1
Anthracene	ND		ug/kg	120	--	1
Benzo(ghi)perylene	ND		ug/kg	150	--	1
Fluorene	ND		ug/kg	190	--	1
Phenanthrene	ND		ug/kg	120	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	--	1
Pyrene	ND		ug/kg	120	--	1
Biphenyl	ND		ug/kg	420	--	1
4-Chloroaniline	ND		ug/kg	190	--	1
2-Nitroaniline	ND		ug/kg	190	--	1
3-Nitroaniline	ND		ug/kg	190	--	1
4-Nitroaniline	ND		ug/kg	190	--	1
Dibenzofuran	ND		ug/kg	190	--	1
2-Methylnaphthalene	ND		ug/kg	230	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	--	1
Acetophenone	ND		ug/kg	190	--	1
2,4,6-Trichlorophenol	ND		ug/kg	120	--	1
p-Chloro-m-cresol	ND		ug/kg	190	--	1
2-Chlorophenol	ND		ug/kg	190	--	1
2,4-Dichlorophenol	ND		ug/kg	190	--	1
2,4-Dimethylphenol	ND		ug/kg	190	--	1
2-Nitrophenol	ND		ug/kg	420	--	1
4-Nitrophenol	ND		ug/kg	270	--	1
2,4-Dinitrophenol	ND		ug/kg	920	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	--	1
Pentachlorophenol	ND		ug/kg	150	--	1
Phenol	ND		ug/kg	190	--	1
2-Methylphenol	ND		ug/kg	190	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	--	1
2,4,5-Trichlorophenol	ND		ug/kg	190	--	1
Carbazole	ND		ug/kg	190	--	1
Atrazine	ND		ug/kg	150	--	1
Benzaldehyde	ND		ug/kg	270	--	1
Caprolactam	ND		ug/kg	190	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-23 Date Collected: 07/14/12 12:40

Client ID: S-12L-B005-18.0-18.5 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	68		0-136
4-Terphenyl-d14	88		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-24	Date Collected:	07/14/12 12:40
Client ID:	S-12L-B005-19.0-19.5	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 12:07
Analytical Date:	07/28/12 20:23		
Analyst:	JB		
Percent Solids:	93%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	--	1
Hexachlorobenzene	ND		ug/kg	100	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	--	1
2-Chloronaphthalene	ND		ug/kg	180	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	--	1
2,4-Dinitrotoluene	ND		ug/kg	180	--	1
2,6-Dinitrotoluene	ND		ug/kg	180	--	1
Fluoranthene	ND		ug/kg	100	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	--	1
Hexachlorobutadiene	ND		ug/kg	180	--	1
Hexachlorocyclopentadiene	ND		ug/kg	490	--	1
Hexachloroethane	ND		ug/kg	140	--	1
Isophorone	ND		ug/kg	180	--	1
Naphthalene	ND		ug/kg	180	--	1
Nitrobenzene	ND		ug/kg	180	--	1
NDPA/DPA	ND		ug/kg	140	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	--	1
Butyl benzyl phthalate	ND		ug/kg	180	--	1
Di-n-butylphthalate	ND		ug/kg	180	--	1
Di-n-octylphthalate	ND		ug/kg	180	--	1
Diethyl phthalate	ND		ug/kg	180	--	1
Dimethyl phthalate	ND		ug/kg	180	--	1
Benzo(a)anthracene	ND		ug/kg	100	--	1
Benzo(a)pyrene	ND		ug/kg	140	--	1
Benzo(b)fluoranthene	ND		ug/kg	100	--	1
Benzo(k)fluoranthene	ND		ug/kg	100	--	1
Chrysene	ND		ug/kg	100	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-24 Date Collected: 07/14/12 12:40

Client ID: S-12L-B005-19.0-19.5 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	140	--	1
Anthracene	ND		ug/kg	100	--	1
Benzo(ghi)perylene	ND		ug/kg	140	--	1
Fluorene	ND		ug/kg	180	--	1
Phenanthrene	ND		ug/kg	100	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	--	1
Pyrene	ND		ug/kg	100	--	1
Biphenyl	ND		ug/kg	380	--	1
4-Chloroaniline	ND		ug/kg	180	--	1
2-Nitroaniline	ND		ug/kg	180	--	1
3-Nitroaniline	ND		ug/kg	180	--	1
4-Nitroaniline	ND		ug/kg	180	--	1
Dibenzofuran	ND		ug/kg	180	--	1
2-Methylnaphthalene	ND		ug/kg	210	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	--	1
Acetophenone	ND		ug/kg	180	--	1
2,4,6-Trichlorophenol	ND		ug/kg	100	--	1
p-Chloro-m-cresol	ND		ug/kg	180	--	1
2-Chlorophenol	ND		ug/kg	180	--	1
2,4-Dichlorophenol	ND		ug/kg	180	--	1
2,4-Dimethylphenol	ND		ug/kg	180	--	1
2-Nitrophenol	ND		ug/kg	380	--	1
4-Nitrophenol	ND		ug/kg	240	--	1
2,4-Dinitrophenol	ND		ug/kg	840	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	--	1
Pentachlorophenol	ND		ug/kg	140	--	1
Phenol	ND		ug/kg	180	--	1
2-Methylphenol	ND		ug/kg	180	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	--	1
2,4,5-Trichlorophenol	ND		ug/kg	180	--	1
Carbazole	ND		ug/kg	180	--	1
Atrazine	ND		ug/kg	140	--	1
Benzaldehyde	ND		ug/kg	240	--	1
Caprolactam	ND		ug/kg	180	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-24 Date Collected: 07/14/12 12:40

Client ID: S-12L-B005-19.0-19.5 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	52		23-120
2-Fluorobiphenyl	57		30-120
2,4,6-Tribromophenol	57		0-136
4-Terphenyl-d14	55		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-25	Date Collected:	07/14/12 13:20
Client ID:	S-12L-B005-21.0-21.5	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 12:07
Analytical Date:	07/28/12 20:48		
Analyst:	JB		
Percent Solids:	84%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	--	1
Hexachlorobenzene	ND		ug/kg	120	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	--	1
2-Chloronaphthalene	ND		ug/kg	190	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	--	1
2,4-Dinitrotoluene	ND		ug/kg	190	--	1
2,6-Dinitrotoluene	ND		ug/kg	190	--	1
Fluoranthene	ND		ug/kg	120	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	--	1
Hexachlorobutadiene	ND		ug/kg	190	--	1
Hexachlorocyclopentadiene	ND		ug/kg	540	--	1
Hexachloroethane	ND		ug/kg	150	--	1
Isophorone	ND		ug/kg	190	--	1
Naphthalene	ND		ug/kg	190	--	1
Nitrobenzene	ND		ug/kg	190	--	1
NDPA/DPA	ND		ug/kg	150	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	--	1
Butyl benzyl phthalate	ND		ug/kg	190	--	1
Di-n-butylphthalate	ND		ug/kg	190	--	1
Di-n-octylphthalate	ND		ug/kg	190	--	1
Diethyl phthalate	ND		ug/kg	190	--	1
Dimethyl phthalate	ND		ug/kg	190	--	1
Benzo(a)anthracene	ND		ug/kg	120	--	1
Benzo(a)pyrene	ND		ug/kg	150	--	1
Benzo(b)fluoranthene	ND		ug/kg	120	--	1
Benzo(k)fluoranthene	ND		ug/kg	120	--	1
Chrysene	ND		ug/kg	120	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-25 Date Collected: 07/14/12 13:20

Client ID: S-12L-B005-21.0-21.5 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	150	--	1
Anthracene	ND		ug/kg	120	--	1
Benzo(ghi)perylene	ND		ug/kg	150	--	1
Fluorene	ND		ug/kg	190	--	1
Phenanthrene	ND		ug/kg	120	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	--	1
Pyrene	ND		ug/kg	120	--	1
Biphenyl	ND		ug/kg	420	--	1
4-Chloroaniline	ND		ug/kg	190	--	1
2-Nitroaniline	ND		ug/kg	190	--	1
3-Nitroaniline	ND		ug/kg	190	--	1
4-Nitroaniline	ND		ug/kg	190	--	1
Dibenzofuran	ND		ug/kg	190	--	1
2-Methylnaphthalene	ND		ug/kg	230	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	--	1
Acetophenone	ND		ug/kg	190	--	1
2,4,6-Trichlorophenol	ND		ug/kg	120	--	1
p-Chloro-m-cresol	ND		ug/kg	190	--	1
2-Chlorophenol	ND		ug/kg	190	--	1
2,4-Dichlorophenol	ND		ug/kg	190	--	1
2,4-Dimethylphenol	ND		ug/kg	190	--	1
2-Nitrophenol	ND		ug/kg	420	--	1
4-Nitrophenol	ND		ug/kg	270	--	1
2,4-Dinitrophenol	ND		ug/kg	930	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	--	1
Pentachlorophenol	ND		ug/kg	150	--	1
Phenol	ND		ug/kg	190	--	1
2-Methylphenol	ND		ug/kg	190	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	--	1
2,4,5-Trichlorophenol	ND		ug/kg	190	--	1
Carbazole	ND		ug/kg	190	--	1
Atrazine	ND		ug/kg	150	--	1
Benzaldehyde	ND		ug/kg	270	--	1
Caprolactam	ND		ug/kg	190	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-25 Date Collected: 07/14/12 13:20

Client ID: S-12L-B005-21.0-21.5 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	73		0-136
4-Terphenyl-d14	67		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-26	Date Collected:	07/17/12 15:30
Client ID:	S-12L-B011-0.2-0.7	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 12:07
Analytical Date:	07/28/12 21:12		
Analyst:	JB		
Percent Solids:	40%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	330	--	1
Hexachlorobenzene	ND		ug/kg	250	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	410	--	1
2-Chloronaphthalene	ND		ug/kg	410	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	410	--	1
2,4-Dinitrotoluene	ND		ug/kg	410	--	1
2,6-Dinitrotoluene	ND		ug/kg	410	--	1
Fluoranthene	ND		ug/kg	250	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	410	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	410	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	490	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	410	--	1
Hexachlorobutadiene	ND		ug/kg	410	--	1
Hexachlorocyclopentadiene	ND		ug/kg	1100	--	1
Hexachloroethane	ND		ug/kg	330	--	1
Isophorone	ND		ug/kg	410	--	1
Naphthalene	ND		ug/kg	410	--	1
Nitrobenzene	ND		ug/kg	410	--	1
NDPA/DPA	ND		ug/kg	330	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	410	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	410	--	1
Butyl benzyl phthalate	ND		ug/kg	410	--	1
Di-n-butylphthalate	ND		ug/kg	410	--	1
Di-n-octylphthalate	ND		ug/kg	410	--	1
Diethyl phthalate	ND		ug/kg	410	--	1
Dimethyl phthalate	ND		ug/kg	410	--	1
Benzo(a)anthracene	ND		ug/kg	250	--	1
Benzo(a)pyrene	ND		ug/kg	330	--	1
Benzo(b)fluoranthene	ND		ug/kg	250	--	1
Benzo(k)fluoranthene	ND		ug/kg	250	--	1
Chrysene	ND		ug/kg	250	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-26 Date Collected: 07/17/12 15:30

Client ID: S-12L-B011-0.2-0.7 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	330	--	1
Anthracene	ND		ug/kg	250	--	1
Benzo(ghi)perylene	ND		ug/kg	330	--	1
Fluorene	ND		ug/kg	410	--	1
Phenanthrene	ND		ug/kg	250	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	250	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	330	--	1
Pyrene	ND		ug/kg	250	--	1
Biphenyl	ND		ug/kg	900	--	1
4-Chloroaniline	ND		ug/kg	410	--	1
2-Nitroaniline	ND		ug/kg	410	--	1
3-Nitroaniline	ND		ug/kg	410	--	1
4-Nitroaniline	ND		ug/kg	410	--	1
Dibenzofuran	ND		ug/kg	410	--	1
2-Methylnaphthalene	ND		ug/kg	490	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	410	--	1
Acetophenone	ND		ug/kg	410	--	1
2,4,6-Trichlorophenol	ND		ug/kg	250	--	1
p-Chloro-m-cresol	ND		ug/kg	410	--	1
2-Chlorophenol	ND		ug/kg	410	--	1
2,4-Dichlorophenol	ND		ug/kg	410	--	1
2,4-Dimethylphenol	ND		ug/kg	410	--	1
2-Nitrophenol	ND		ug/kg	900	--	1
4-Nitrophenol	ND		ug/kg	570	--	1
2,4-Dinitrophenol	ND		ug/kg	2000	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	1100	--	1
Pentachlorophenol	ND		ug/kg	330	--	1
Phenol	ND		ug/kg	410	--	1
2-Methylphenol	ND		ug/kg	410	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	570	--	1
2,4,5-Trichlorophenol	ND		ug/kg	410	--	1
Carbazole	ND		ug/kg	410	--	1
Atrazine	ND		ug/kg	330	--	1
Benzaldehyde	ND		ug/kg	570	--	1
Caprolactam	ND		ug/kg	410	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	410	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-26 Date Collected: 07/17/12 15:30

Client ID: S-12L-B011-0.2-0.7 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	82		0-136
4-Terphenyl-d14	78		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-27	Date Collected:	07/17/12 15:30
Client ID:	S-12L-B011-2.0-2.5	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 12:07
Analytical Date:	07/28/12 21:37		
Analyst:	JB		
Percent Solids:	87%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	--	1
2-Chloronaphthalene	ND		ug/kg	190	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	--	1
2,4-Dinitrotoluene	ND		ug/kg	190	--	1
2,6-Dinitrotoluene	ND		ug/kg	190	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	--	1
Hexachlorobutadiene	ND		ug/kg	190	--	1
Hexachlorocyclopentadiene	ND		ug/kg	530	--	1
Hexachloroethane	ND		ug/kg	150	--	1
Isophorone	ND		ug/kg	190	--	1
Naphthalene	ND		ug/kg	190	--	1
Nitrobenzene	ND		ug/kg	190	--	1
NDPA/DPA	ND		ug/kg	150	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	--	1
Butyl benzyl phthalate	ND		ug/kg	190	--	1
Di-n-butylphthalate	ND		ug/kg	190	--	1
Di-n-octylphthalate	ND		ug/kg	190	--	1
Diethyl phthalate	ND		ug/kg	190	--	1
Dimethyl phthalate	ND		ug/kg	190	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	150	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-27 Date Collected: 07/17/12 15:30

Client ID: S-12L-B011-2.0-2.5 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	150	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	150	--	1
Fluorene	ND		ug/kg	190	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	420	--	1
4-Chloroaniline	ND		ug/kg	190	--	1
2-Nitroaniline	ND		ug/kg	190	--	1
3-Nitroaniline	ND		ug/kg	190	--	1
4-Nitroaniline	ND		ug/kg	190	--	1
Dibenzofuran	ND		ug/kg	190	--	1
2-Methylnaphthalene	ND		ug/kg	230	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	--	1
Acetophenone	ND		ug/kg	190	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	190	--	1
2-Chlorophenol	ND		ug/kg	190	--	1
2,4-Dichlorophenol	ND		ug/kg	190	--	1
2,4-Dimethylphenol	ND		ug/kg	190	--	1
2-Nitrophenol	ND		ug/kg	420	--	1
4-Nitrophenol	ND		ug/kg	270	--	1
2,4-Dinitrophenol	ND		ug/kg	920	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	--	1
Pentachlorophenol	ND		ug/kg	150	--	1
Phenol	ND		ug/kg	190	--	1
2-Methylphenol	ND		ug/kg	190	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	--	1
2,4,5-Trichlorophenol	ND		ug/kg	190	--	1
Carbazole	ND		ug/kg	190	--	1
Atrazine	ND		ug/kg	150	--	1
Benzaldehyde	ND		ug/kg	270	--	1
Caprolactam	ND		ug/kg	190	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-27 Date Collected: 07/17/12 15:30

Client ID: S-12L-B011-2.0-2.5 Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	87		0-136
4-Terphenyl-d14	87		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-28	Date Collected:	07/17/12 15:30
Client ID:	S-12L-B011-2.0-2.5 REP	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 12:07
Analytical Date:	07/28/12 22:02		
Analyst:	JB		
Percent Solids:	87%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	--	1
2-Chloronaphthalene	ND		ug/kg	180	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	--	1
2,4-Dinitrotoluene	ND		ug/kg	180	--	1
2,6-Dinitrotoluene	ND		ug/kg	180	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	--	1
Hexachlorobutadiene	ND		ug/kg	180	--	1
Hexachlorocyclopentadiene	ND		ug/kg	520	--	1
Hexachloroethane	ND		ug/kg	150	--	1
Isophorone	ND		ug/kg	180	--	1
Naphthalene	ND		ug/kg	180	--	1
Nitrobenzene	ND		ug/kg	180	--	1
NDPA/DPA	ND		ug/kg	150	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	--	1
Butyl benzyl phthalate	ND		ug/kg	180	--	1
Di-n-butylphthalate	ND		ug/kg	180	--	1
Di-n-octylphthalate	ND		ug/kg	180	--	1
Diethyl phthalate	ND		ug/kg	180	--	1
Dimethyl phthalate	ND		ug/kg	180	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	150	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-28 Date Collected: 07/17/12 15:30

Client ID: S-12L-B011-2.0-2.5 REP Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	150	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	150	--	1
Fluorene	ND		ug/kg	180	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	410	--	1
4-Chloroaniline	ND		ug/kg	180	--	1
2-Nitroaniline	ND		ug/kg	180	--	1
3-Nitroaniline	ND		ug/kg	180	--	1
4-Nitroaniline	ND		ug/kg	180	--	1
Dibenzofuran	ND		ug/kg	180	--	1
2-Methylnaphthalene	ND		ug/kg	220	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	--	1
Acetophenone	ND		ug/kg	180	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	180	--	1
2-Chlorophenol	ND		ug/kg	180	--	1
2,4-Dichlorophenol	ND		ug/kg	180	--	1
2,4-Dimethylphenol	ND		ug/kg	180	--	1
2-Nitrophenol	ND		ug/kg	410	--	1
4-Nitrophenol	ND		ug/kg	260	--	1
2,4-Dinitrophenol	ND		ug/kg	890	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	--	1
Pentachlorophenol	ND		ug/kg	150	--	1
Phenol	ND		ug/kg	180	--	1
2-Methylphenol	ND		ug/kg	180	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	--	1
2,4,5-Trichlorophenol	ND		ug/kg	180	--	1
Carbazole	ND		ug/kg	180	--	1
Atrazine	ND		ug/kg	150	--	1
Benzaldehyde	ND		ug/kg	260	--	1
Caprolactam	ND		ug/kg	180	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-28 Date Collected: 07/17/12 15:30

Client ID: S-12L-B011-2.0-2.5 REP Date Received: 07/18/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	96		0-136
4-Terphenyl-d14	84		18-120

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212822
Report Date: 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/30/12 11:17
Analyst: RC

Extraction Method: EPA 3510C
Extraction Date: 07/23/12 08:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05,17 Batch: WG550132-1					
Acenaphthene	ND		ug/l	2.0	--
Hexachlorobenzene	ND		ug/l	2.0	--
Bis(2-chloroethyl)ether	ND		ug/l	2.0	--
2-Chloronaphthalene	ND		ug/l	2.0	--
3,3'-Dichlorobenzidine	ND		ug/l	5.0	--
2,4-Dinitrotoluene	ND		ug/l	5.0	--
2,6-Dinitrotoluene	ND		ug/l	5.0	--
Fluoranthene	ND		ug/l	2.0	--
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	--
4-Bromophenyl phenyl ether	ND		ug/l	2.0	--
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	--
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	--
Hexachlorobutadiene	ND		ug/l	2.0	--
Hexachlorocyclopentadiene	ND		ug/l	20	--
Hexachloroethane	ND		ug/l	2.0	--
Isophorone	ND		ug/l	5.0	--
Naphthalene	ND		ug/l	2.0	--
Nitrobenzene	ND		ug/l	2.0	--
NDPA/DPA	ND		ug/l	2.0	--
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	--
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	--
Butyl benzyl phthalate	ND		ug/l	5.0	--
Di-n-butylphthalate	ND		ug/l	5.0	--
Di-n-octylphthalate	ND		ug/l	5.0	--
Diethyl phthalate	ND		ug/l	5.0	--
Dimethyl phthalate	ND		ug/l	5.0	--
Benzo(a)anthracene	ND		ug/l	2.0	--
Benzo(a)pyrene	ND		ug/l	2.0	--
Benzo(b)fluoranthene	ND		ug/l	2.0	--
Benzo(k)fluoranthene	ND		ug/l	2.0	--
Chrysene	ND		ug/l	2.0	--

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212822
Report Date: 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/30/12 11:17
Analyst: RC

Extraction Method: EPA 3510C
Extraction Date: 07/23/12 08:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05,17 Batch: WG550132-1					
Acenaphthylene	ND		ug/l	2.0	--
Anthracene	ND		ug/l	2.0	--
Benzo(ghi)perylene	ND		ug/l	2.0	--
Fluorene	ND		ug/l	2.0	--
Phenanthrene	ND		ug/l	2.0	--
Dibenzo(a,h)anthracene	ND		ug/l	2.0	--
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	--
Pyrene	ND		ug/l	2.0	--
Biphenyl	ND		ug/l	2.0	--
4-Chloroaniline	ND		ug/l	5.0	--
2-Nitroaniline	ND		ug/l	5.0	--
3-Nitroaniline	ND		ug/l	5.0	--
4-Nitroaniline	ND		ug/l	5.0	--
Dibenzofuran	ND		ug/l	2.0	--
2-Methylnaphthalene	ND		ug/l	2.0	--
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	--
Acetophenone	ND		ug/l	5.0	--
2,4,6-Trichlorophenol	ND		ug/l	5.0	--
p-Chloro-m-cresol	ND		ug/l	2.0	--
2-Chlorophenol	ND		ug/l	2.0	--
2,4-Dichlorophenol	ND		ug/l	5.0	--
2,4-Dimethylphenol	ND		ug/l	5.0	--
2-Nitrophenol	ND		ug/l	10	--
4-Nitrophenol	ND		ug/l	10	--
2,4-Dinitrophenol	ND		ug/l	20	--
4,6-Dinitro-o-cresol	ND		ug/l	10	--
Pentachlorophenol	ND		ug/l	10	--
Phenol	ND		ug/l	5.0	--
2-Methylphenol	ND		ug/l	5.0	--
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	--
2,4,5-Trichlorophenol	ND		ug/l	5.0	--

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212822
Report Date: 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/30/12 11:17
Analyst: RC

Extraction Method: EPA 3510C
Extraction Date: 07/23/12 08:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05,17 Batch: WG550132-1					
Carbazole	ND		ug/l	2.0	--
Atrazine	ND		ug/l	10	--
Benzaldehyde	ND		ug/l	5.0	--
Caprolactam	ND		ug/l	10	--
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		21-120
Phenol-d6	51		10-120
Nitrobenzene-d5	117		23-120
2-Fluorobiphenyl	109		15-120
2,4,6-Tribromophenol	**126**	Q	10-120
4-Terphenyl-d14	149		41-149

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/30/12 13:17
Analyst: JB

Extraction Method: EPA 3540C
Extraction Date: 07/26/12 11:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03-04,06-16,18-23 Batch: WG550999-1					
Acenaphthene	ND		ug/kg	130	--
Hexachlorobenzene	ND		ug/kg	99	--
Bis(2-chloroethyl)ether	ND		ug/kg	160	--
2-Chloronaphthalene	ND		ug/kg	160	--
3,3'-Dichlorobenzidine	ND		ug/kg	160	--
2,4-Dinitrotoluene	ND		ug/kg	160	--
2,6-Dinitrotoluene	ND		ug/kg	160	--
Fluoranthene	ND		ug/kg	99	--
4-Chlorophenyl phenyl ether	ND		ug/kg	160	--
4-Bromophenyl phenyl ether	ND		ug/kg	160	--
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	--
Bis(2-chloroethoxy)methane	ND		ug/kg	160	--
Hexachlorobutadiene	ND		ug/kg	160	--
Hexachlorocyclopentadiene	ND		ug/kg	460	--
Hexachloroethane	ND		ug/kg	130	--
Isophorone	ND		ug/kg	160	--
Naphthalene	ND		ug/kg	160	--
Nitrobenzene	ND		ug/kg	160	--
NDPA/DPA	ND		ug/kg	130	--
n-Nitrosodi-n-propylamine	ND		ug/kg	160	--
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	--
Butyl benzyl phthalate	ND		ug/kg	160	--
Di-n-butylphthalate	ND		ug/kg	160	--
Di-n-octylphthalate	ND		ug/kg	160	--
Diethyl phthalate	ND		ug/kg	160	--
Dimethyl phthalate	ND		ug/kg	160	--
Benzo(a)anthracene	ND		ug/kg	99	--
Benzo(a)pyrene	ND		ug/kg	130	--
Benzo(b)fluoranthene	ND		ug/kg	99	--
Benzo(k)fluoranthene	ND		ug/kg	99	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/30/12 13:17
Analyst: JB

Extraction Method: EPA 3540C
Extraction Date: 07/26/12 11:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03-04,06-16,18-23 Batch: WG550999-1					
Chrysene	ND		ug/kg	99	--
Acenaphthylene	ND		ug/kg	130	--
Anthracene	ND		ug/kg	99	--
Benzo(ghi)perylene	ND		ug/kg	130	--
Fluorene	ND		ug/kg	160	--
Phenanthrene	ND		ug/kg	99	--
Dibenzo(a,h)anthracene	ND		ug/kg	99	--
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	--
Pyrene	ND		ug/kg	99	--
Biphenyl	ND		ug/kg	360	--
4-Chloroaniline	ND		ug/kg	160	--
2-Nitroaniline	ND		ug/kg	160	--
3-Nitroaniline	ND		ug/kg	160	--
4-Nitroaniline	ND		ug/kg	160	--
Dibenzofuran	ND		ug/kg	160	--
2-Methylnaphthalene	ND		ug/kg	200	--
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	--
Acetophenone	ND		ug/kg	160	--
2,4,6-Trichlorophenol	ND		ug/kg	99	--
p-Chloro-m-cresol	ND		ug/kg	160	--
2-Chlorophenol	ND		ug/kg	160	--
2,4-Dichlorophenol	ND		ug/kg	160	--
2,4-Dimethylphenol	ND		ug/kg	160	--
2-Nitrophenol	ND		ug/kg	360	--
4-Nitrophenol	ND		ug/kg	230	--
2,4-Dinitrophenol	ND		ug/kg	790	--
4,6-Dinitro-o-cresol	ND		ug/kg	430	--
Pentachlorophenol	ND		ug/kg	130	--
Phenol	ND		ug/kg	160	--
2-Methylphenol	ND		ug/kg	160	--

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212822
Report Date: 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/30/12 13:17
Analyst: JB

Extraction Method: EPA 3540C
Extraction Date: 07/26/12 11:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03-04,06-16,18-23 Batch: WG550999-1					
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	--
2,4,5-Trichlorophenol	ND		ug/kg	160	--
Carbazole	ND		ug/kg	160	--
Atrazine	ND		ug/kg	130	--
Benzaldehyde	ND		ug/kg	230	--
Caprolactam	ND		ug/kg	160	--
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	95		25-120
Phenol-d6	95		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	92		30-120
2,4,6-Tribromophenol	103		0-136
4-Terphenyl-d14	96		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/01/12 09:50
Analyst: JB

Extraction Method: EPA 3540C
Extraction Date: 07/26/12 12:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 24-28 Batch: WG551041-1					
Acenaphthene	ND		ug/kg	130	--
Hexachlorobenzene	ND		ug/kg	98	--
Bis(2-chloroethyl)ether	ND		ug/kg	160	--
2-Chloronaphthalene	ND		ug/kg	160	--
3,3'-Dichlorobenzidine	ND		ug/kg	160	--
2,4-Dinitrotoluene	ND		ug/kg	160	--
2,6-Dinitrotoluene	ND		ug/kg	160	--
Fluoranthene	ND		ug/kg	98	--
4-Chlorophenyl phenyl ether	ND		ug/kg	160	--
4-Bromophenyl phenyl ether	ND		ug/kg	160	--
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	--
Bis(2-chloroethoxy)methane	ND		ug/kg	160	--
Hexachlorobutadiene	ND		ug/kg	160	--
Hexachlorocyclopentadiene	ND		ug/kg	460	--
Hexachloroethane	ND		ug/kg	130	--
Isophorone	ND		ug/kg	160	--
Naphthalene	ND		ug/kg	160	--
Nitrobenzene	ND		ug/kg	160	--
NDPA/DPA	ND		ug/kg	130	--
n-Nitrosodi-n-propylamine	ND		ug/kg	160	--
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	--
Butyl benzyl phthalate	ND		ug/kg	160	--
Di-n-butylphthalate	ND		ug/kg	160	--
Di-n-octylphthalate	ND		ug/kg	160	--
Diethyl phthalate	ND		ug/kg	160	--
Dimethyl phthalate	ND		ug/kg	160	--
Benzo(a)anthracene	ND		ug/kg	98	--
Benzo(a)pyrene	ND		ug/kg	130	--
Benzo(b)fluoranthene	ND		ug/kg	98	--
Benzo(k)fluoranthene	ND		ug/kg	98	--
Chrysene	ND		ug/kg	98	--

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212822
Report Date: 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/01/12 09:50
Analyst: JB

Extraction Method: EPA 3540C
Extraction Date: 07/26/12 12:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 24-28 Batch: WG551041-1					
Acenaphthylene	ND		ug/kg	130	--
Anthracene	ND		ug/kg	98	--
Benzo(ghi)perylene	ND		ug/kg	130	--
Fluorene	ND		ug/kg	160	--
Phenanthrene	ND		ug/kg	98	--
Dibenzo(a,h)anthracene	ND		ug/kg	98	--
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	--
Pyrene	ND		ug/kg	98	--
Biphenyl	ND		ug/kg	360	--
4-Chloroaniline	ND		ug/kg	160	--
2-Nitroaniline	ND		ug/kg	160	--
3-Nitroaniline	ND		ug/kg	160	--
4-Nitroaniline	ND		ug/kg	160	--
Dibenzofuran	ND		ug/kg	160	--
2-Methylnaphthalene	ND		ug/kg	200	--
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	--
Acetophenone	ND		ug/kg	160	--
2,4,6-Trichlorophenol	ND		ug/kg	98	--
p-Chloro-m-cresol	ND		ug/kg	160	--
2-Chlorophenol	ND		ug/kg	160	--
2,4-Dichlorophenol	ND		ug/kg	160	--
2,4-Dimethylphenol	ND		ug/kg	160	--
2-Nitrophenol	ND		ug/kg	360	--
4-Nitrophenol	ND		ug/kg	230	--
2,4-Dinitrophenol	ND		ug/kg	790	--
4,6-Dinitro-o-cresol	ND		ug/kg	430	--
Pentachlorophenol	ND		ug/kg	130	--
Phenol	ND		ug/kg	160	--
2-Methylphenol	ND		ug/kg	160	--
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	--
2,4,5-Trichlorophenol	ND		ug/kg	160	--

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212822
Report Date: 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/01/12 09:50
Analyst: JB

Extraction Method: EPA 3540C
Extraction Date: 07/26/12 12:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 24-28 Batch: WG551041-1					
Carbazole	ND		ug/kg	160	--
Atrazine	ND		ug/kg	130	--
Benzaldehyde	ND		ug/kg	230	--
Caprolactam	ND		ug/kg	160	--
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	71		0-136
4-Terphenyl-d14	80		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212822

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05,17 Batch: WG550132-2 WG550132-3								
Acenaphthene	78		79		37-111	1		30
Hexachlorobenzene	92		92		40-140	0		30
Bis(2-chloroethyl)ether	58		62		40-140	7		30
2-Chloronaphthalene	76		75		40-140	1		30
3,3'-Dichlorobenzidine	78		81		40-140	4		30
2,4-Dinitrotoluene	91		90		24-96	1		30
2,6-Dinitrotoluene	86		85		40-140	1		30
Fluoranthene	90		91		40-140	1		30
4-Chlorophenyl phenyl ether	84		88		40-140	5		30
4-Bromophenyl phenyl ether	91		92		40-140	1		30
Bis(2-chloroisopropyl)ether	66		68		40-140	3		30
Bis(2-chloroethoxy)methane	70		75		40-140	7		30
Hexachlorobutadiene	61		65		40-140	6		30
Hexachlorocyclopentadiene	42		45		40-140	7		30
Hexachloroethane	60		58		40-140	3		30
Isophorone	74		76		40-140	3		30
Naphthalene	62		66		40-140	6		30
Nitrobenzene	69		68		40-140	1		30
NitrosoDiPhenylAmine(NDPA)/DPA	86		86		40-140	0		30
n-Nitrosodi-n-propylamine	68		73		29-132	7		30
Bis(2-Ethylhexyl)phthalate	94		92		40-140	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212822

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05,17 Batch: WG550132-2 WG550132-3								
Butyl benzyl phthalate	92		94		40-140	2		30
Di-n-butylphthalate	92		92		40-140	0		30
Di-n-octylphthalate	95		94		40-140	1		30
Diethyl phthalate	90		91		40-140	1		30
Dimethyl phthalate	87		89		40-140	2		30
Benzo(a)anthracene	90		90		40-140	0		30
Benzo(a)pyrene	94		90		40-140	4		30
Benzo(b)fluoranthene	93		88		40-140	6		30
Benzo(k)fluoranthene	93		96		40-140	3		30
Chrysene	86		87		40-140	1		30
Acenaphthylene	79		79		45-123	0		30
Anthracene	90		87		40-140	3		30
Benzo(ghi)perylene	88		89		40-140	1		30
Fluorene	83		83		40-140	0		30
Phenanthrene	87		87		40-140	0		30
Dibenzo(a,h)anthracene	90		89		40-140	1		30
Indeno(1,2,3-cd)Pyrene	88		89		40-140	1		30
Pyrene	89		90		26-127	1		30
Biphenyl	66		67			2		30
4-Chloroaniline	56		56		40-140	0		30
2-Nitroaniline	84		84		52-143	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212822

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05,17 Batch: WG550132-2 WG550132-3								
3-Nitroaniline	80		74		25-145	8		30
4-Nitroaniline	84		84		51-143	0		30
Dibenzofuran	83		84		40-140	1		30
2-Methylnaphthalene	69		69		40-140	0		30
1,2,4,5-Tetrachlorobenzene	63		63		2-134	0		30
Acetophenone	66		65		39-129	2		30
2,4,6-Trichlorophenol	79		81		30-130	3		30
P-Chloro-M-Cresol	82		80		23-97	2		30
2-Chlorophenol	62		71		27-123	14		30
2,4-Dichlorophenol	75		75		30-130	0		30
2,4-Dimethylphenol	69		61		30-130	12		30
2-Nitrophenol	73		77		30-130	5		30
4-Nitrophenol	48		46		10-80	4		30
2,4-Dinitrophenol	85		88		20-130	3		30
4,6-Dinitro-o-cresol	87		84		20-164	4		30
Pentachlorophenol	78		75		9-103	4		30
Phenol	33		34		12-110	3		30
2-Methylphenol	62		65		30-130	5		30
3-Methylphenol/4-Methylphenol	65		62		30-130	5		30
2,4,5-Trichlorophenol	82		78		30-130	5		30
Carbazole	89		89		55-144	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212822

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05,17 Batch: WG550132-2 WG550132-3								
Atrazine	89		91		40-140	2		30
Benzaldehyde	56		64		40-140	13		30
Caprolactam	20		21		10-130	5		30
2,3,4,6-Tetrachlorophenol	85		86		40-140	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	47		50		21-120
Phenol-d6	35		37		10-120
Nitrobenzene-d5	79		79		23-120
2-Fluorobiphenyl	76		79		15-120
2,4,6-Tribromophenol	96		100		10-120
4-Terphenyl-d14	91		91		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212822

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-04,06-16,18-23 Batch: WG550999-2 WG550999-3								
Acenaphthene	82		84		31-137	2		50
Hexachlorobenzene	88		88		40-140	0		50
Bis(2-chloroethyl)ether	80		85		40-140	6		50
2-Chloronaphthalene	83		86		40-140	4		50
3,3'-Dichlorobenzidine	74		76		40-140	3		50
2,4-Dinitrotoluene	**93**	Q	**94**	Q	28-89	1		50
2,6-Dinitrotoluene	93		96		40-140	3		50
Fluoranthene	94		95		40-140	1		50
4-Chlorophenyl phenyl ether	85		89		40-140	5		50
4-Bromophenyl phenyl ether	96		93		40-140	3		50
Bis(2-chloroisopropyl)ether	79		89		40-140	12		50
Bis(2-chloroethoxy)methane	78		86		40-117	10		50
Hexachlorobutadiene	81		84		40-140	4		50
Hexachlorocyclopentadiene	52		58		40-140	11		50
Hexachloroethane	74		80		40-140	8		50
Isophorone	78		83		40-140	6		50
Naphthalene	76		81		40-140	6		50
Nitrobenzene	78		82		40-140	5		50
NitrosoDiPhenylAmine(NDPA)/DPA	92		94		36-157	2		50
n-Nitrosodi-n-propylamine	77		90		32-121	16		50
Bis(2-Ethylhexyl)phthalate	91		92		40-140	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212822

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-04,06-16,18-23 Batch: WG550999-2 WG550999-3								
Butyl benzyl phthalate	95		98		40-140	3		50
Di-n-butylphthalate	91		94		40-140	3		50
Di-n-octylphthalate	92		94		40-140	2		50
Diethyl phthalate	89		92		40-140	3		50
Dimethyl phthalate	87		91		40-140	4		50
Benzo(a)anthracene	88		89		40-140	1		50
Benzo(a)pyrene	88		92		40-140	4		50
Benzo(b)fluoranthene	88		94		40-140	7		50
Benzo(k)fluoranthene	93		93		40-140	0		50
Chrysene	90		92		40-140	2		50
Acenaphthylene	84		88		40-140	5		50
Anthracene	89		90		40-140	1		50
Benzo(ghi)perylene	93		96		40-140	3		50
Fluorene	82		83		40-140	1		50
Phenanthrene	87		90		40-140	3		50
Dibenzo(a,h)anthracene	93		95		40-140	2		50
Indeno(1,2,3-cd)Pyrene	94		95		40-140	1		50
Pyrene	90		93		35-142	3		50
Biphenyl	76		77		54-104	1		50
4-Chloroaniline	71		77		40-140	8		50
2-Nitroaniline	93		95		47-134	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212822

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-04,06-16,18-23 Batch: WG550999-2 WG550999-3								
3-Nitroaniline	70		74		26-129	6		50
4-Nitroaniline	89		87		41-125	2		50
Dibenzofuran	88		86		40-140	2		50
2-Methylnaphthalene	78		83		40-140	6		50
1,2,4,5-Tetrachlorobenzene	72		74		40-117	3		50
Acetophenone	74		79		14-144	7		50
2,4,6-Trichlorophenol	94		104		30-130	10		50
P-Chloro-M-Cresol	90		94		26-103	4		50
2-Chlorophenol	88		91		25-102	3		50
2,4-Dichlorophenol	90		98		30-130	9		50
2,4-Dimethylphenol	86		95		30-130	10		50
2-Nitrophenol	81		92		30-130	13		50
4-Nitrophenol	102		**120**	Q	11-114	16		50
2,4-Dinitrophenol	90		97		4-130	7		50
4,6-Dinitro-o-cresol	92		101		10-130	9		50
Pentachlorophenol	76		71		17-109	7		50
Phenol	80		90		26-90	12		50
2-Methylphenol	82		86		30-130.	5		50
3-Methylphenol/4-Methylphenol	82		91		30-130	10		50
2,4,5-Trichlorophenol	91		89		30-130	2		50
Carbazole	92		94		54-128	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212822

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-04,06-16,18-23 Batch: WG550999-2 WG550999-3								
Atrazine	86		91		40-140	6		50
Benzaldehyde	84		90		40-140	7		50
Caprolactam	82		88		15-130	7		50
2,3,4,6-Tetrachlorophenol	91		95		40-140	4		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	99		105		25-120
Phenol-d6	105		111		10-120
Nitrobenzene-d5	90		92		23-120
2-Fluorobiphenyl	94		95		30-120
2,4,6-Tribromophenol	102		103		0-136
4-Terphenyl-d14	104		101		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212822

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 24-28 Batch: WG551041-2 WG551041-3								
Acenaphthene	79		86		31-137	8		50
Hexachlorobenzene	76		84		40-140	10		50
Bis(2-chloroethyl)ether	70		76		40-140	8		50
2-Chloronaphthalene	73		85		40-140	15		50
3,3'-Dichlorobenzidine	75		85		40-140	13		50
2,4-Dinitrotoluene	76		84		28-89	10		50
2,6-Dinitrotoluene	72		82		40-140	13		50
Fluoranthene	82		86		40-140	5		50
4-Chlorophenyl phenyl ether	76		85		40-140	11		50
4-Bromophenyl phenyl ether	79		96		40-140	19		50
Bis(2-chloroisopropyl)ether	69		80		40-140	15		50
Bis(2-chloroethoxy)methane	64		73		40-117	13		50
Hexachlorobutadiene	85		90		40-140	6		50
Hexachlorocyclopentadiene	47		56		40-140	17		50
Hexachloroethane	72		78		40-140	8		50
Isophorone	64		74		40-140	14		50
Naphthalene	73		80		40-140	9		50
Nitrobenzene	74		84		40-140	13		50
NitrosoDiPhenylAmine(NDPA)/DPA	78		88		36-157	12		50
n-Nitrosodi-n-propylamine	70		72		32-121	3		50
Bis(2-Ethylhexyl)phthalate	88		98		40-140	11		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212822

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 24-28 Batch: WG551041-2 WG551041-3								
Butyl benzyl phthalate	84		88		40-140	5		50
Di-n-butylphthalate	89		95		40-140	7		50
Di-n-octylphthalate	90		98		40-140	9		50
Diethyl phthalate	78		87		40-140	11		50
Dimethyl phthalate	83		89		40-140	7		50
Benzo(a)anthracene	87		94		40-140	8		50
Benzo(a)pyrene	87		93		40-140	7		50
Benzo(b)fluoranthene	88		90		40-140	2		50
Benzo(k)fluoranthene	86		95		40-140	10		50
Chrysene	92		96		40-140	4		50
Acenaphthylene	68		77		40-140	12		50
Anthracene	85		91		40-140	7		50
Benzo(ghi)perylene	100		102		40-140	2		50
Fluorene	76		83		40-140	9		50
Phenanthrene	86		90		40-140	5		50
Dibenzo(a,h)anthracene	98		102		40-140	4		50
Indeno(1,2,3-cd)Pyrene	99		103		40-140	4		50
Pyrene	81		85		35-142	5		50
Biphenyl	77		81		54-104	5		50
4-Chloroaniline	56		65		40-140	15		50
2-Nitroaniline	71		74		47-134	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212822

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 24-28 Batch: WG551041-2 WG551041-3								
3-Nitroaniline	62		66		26-129	6		50
4-Nitroaniline	68		80		41-125	16		50
Dibenzofuran	80		89		40-140	11		50
2-Methylnaphthalene	72		81		40-140	12		50
1,2,4,5-Tetrachlorobenzene	78		85		40-117	9		50
Acetophenone	62		69		14-144	11		50
2,4,6-Trichlorophenol	77		90		30-130	16		50
P-Chloro-M-Cresol	77		83		26-103	8		50
2-Chlorophenol	69		80		25-102	15		50
2,4-Dichlorophenol	82		89		30-130	8		50
2,4-Dimethylphenol	53		71		30-130	29		50
2-Nitrophenol	66		74		30-130	11		50
4-Nitrophenol	59		91		11-114	43		50
2,4-Dinitrophenol	64		73		4-130	13		50
4,6-Dinitro-o-cresol	67		83		10-130	21		50
Pentachlorophenol	60		70		17-109	15		50
Phenol	62		72		26-90	15		50
2-Methylphenol	64		79		30-130.	21		50
3-Methylphenol/4-Methylphenol	67		76		30-130	13		50
2,4,5-Trichlorophenol	70		83		30-130	17		50
Carbazole	85		90		54-128	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212822

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 24-28 Batch: WG551041-2 WG551041-3								
Atrazine	86		95		40-140	10		50
Benzaldehyde	76		84		40-140	10		50
Caprolactam	61		72		15-130	17		50
2,3,4,6-Tetrachlorophenol	70		83		40-140	17		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	83		93		25-120
Phenol-d6	77		90		10-120
Nitrobenzene-d5	77		85		23-120
2-Fluorobiphenyl	82		88		30-120
2,4,6-Tribromophenol	101		109		0-136
4-Terphenyl-d14	92		94		18-120

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212822
Report Date: 08/16/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 24-28 QC Batch ID: WG551041-4 WG551041-5 QC Sample: L1212869-03 Client ID: MS Sample												
Acenaphthene	ND	1420	1000	70		1100	77		31-137	10		50
Hexachlorobenzene	ND	1420	1000	70		1200	84		40-140	18		50
Bis(2-chloroethyl)ether	ND	1420	870	61		1000	70		40-140	14		50
2-Chloronaphthalene	ND	1420	1000	70		1100	77		40-140	10		50
3,3'-Dichlorobenzidine	ND	1420	680	48		800	56		40-140	16		50
2,4-Dinitrotoluene	ND	1420	1100	77		1200	84		28-89	9		50
2,6-Dinitrotoluene	ND	1420	1100	77		1200	84		40-140	9		50
Fluoranthene	ND	1420	1100	77		1200	84		40-140	9		50
4-Chlorophenyl phenyl ether	ND	1420	1100	77		1200	84		40-140	9		50
4-Bromophenyl phenyl ether	ND	1420	1100	77		1300	91		40-140	17		50
Bis(2-chloroisopropyl)ether	ND	1420	900	63		1000	70		40-140	11		50
Bis(2-chloroethoxy)methane	ND	1420	920	65		1000	70		40-117	8		50
Hexachlorobutadiene	ND	1420	900	63		1100	77		40-140	20		50
Hexachlorocyclopentadiene	ND	1420	ND	**0**	Q	510	**36**	Q	40-140	NC		50
Hexachloroethane	ND	1420	810	57		1000	70		40-140	21		50
Isophorone	ND	1420	960	68		1000	70		40-140	4		50
Naphthalene	ND	1420	900	63		1000	70		40-140	11		50
Nitrobenzene	ND	1420	920	65		1000	70		40-140	8		50
NitrosoDiPhenylAmine(NDPA)/DPA	ND	1420	1100	77		1200	84		36-157	9		50
n-Nitrosodi-n-propylamine	ND	1420	880	62		1000	70		32-121	13		50
Bis(2-Ethylhexyl)phthalate	ND	1420	1100	77		1200	84		40-140	9		50

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212822
Report Date: 08/16/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 24-28 QC Batch ID: WG551041-4 WG551041-5 QC Sample: L1212869-03 Client ID: MS Sample												
Butyl benzyl phthalate	ND	1420	1100	77		1300	91		40-140	17		50
Di-n-butylphthalate	ND	1420	1100	77		1200	84		40-140	9		50
Di-n-octylphthalate	ND	1420	1100	77		1300	91		40-140	17		50
Diethyl phthalate	ND	1420	1100	77		1200	84		40-140	9		50
Dimethyl phthalate	ND	1420	1100	77		1200	84		40-140	9		50
Benzo(a)anthracene	ND	1420	1000	70		1200	84		40-140	18		50
Benzo(a)pyrene	ND	1420	1000	70		1100	77		40-140	10		50
Benzo(b)fluoranthene	ND	1420	1000	70		1200	84		40-140	18		50
Benzo(k)fluoranthene	ND	1420	1100	77		1200	84		40-140	9		50
Chrysene	ND	1420	1000	70		1200	84		40-140	18		50
Acenaphthylene	ND	1420	990	70		1100	77		40-140	11		50
Anthracene	ND	1420	970	68		1100	77		40-140	13		50
Benzo(ghi)perylene	ND	1420	1100	77		1200	84		40-140	9		50
Fluorene	ND	1420	1000	70		1200	84		40-140	18		50
Phenanthrene	ND	1420	1000	70		1100	77		40-140	10		50
Dibenzo(a,h)anthracene	ND	1420	1100	77		1200	84		40-140	9		50
Indeno(1,2,3-cd)Pyrene	ND	1420	1100	77		1300	91		40-140	17		50
Pyrene	ND	1420	1000	70		1200	84		35-142	18		50
Biphenyl	ND	1420	900	63		1000	70		54-104	11		50
4-Chloroaniline	ND	1420	860	61		890	62		40-140	3		50
2-Nitroaniline	ND	1420	1100	77		1200	84		47-134	9		50

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212822
Report Date: 08/16/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 24-28 QC Batch ID: WG551041-4 WG551041-5 QC Sample: L1212869-03 Client ID: MS Sample												
3-Nitroaniline	ND	1420	960	68		1000	70		26-129	4		50
4-Nitroaniline	ND	1420	1100	77		1200	84		41-125	9		50
Dibenzofuran	ND	1420	1100	77		1200	84		40-140	9		50
2-Methylnaphthalene	ND	1420	980	69		1100	77		40-140	12		50
1,2,4,5-Tetrachlorobenzene	ND	1420	860	61		1000	70		40-117	15		50
Acetophenone	ND	1420	870	61		940	66		14-144	8		50
2,4,6-Trichlorophenol	ND	1420	1100	77		1300	91		30-130	17		50
P-Chloro-M-Cresol	ND	1420	1100	77		1200	84		26-103	9		50
2-Chlorophenol	ND	1420	1000	70		1100	77		25-102	10		50
2,4-Dichlorophenol	ND	1420	1100	77		1300	91		30-130	17		50
2,4-Dimethylphenol	ND	1420	760	53		880	61		30-130	15		50
2-Nitrophenol	ND	1420	990	70		1100	77		30-130	11		50
4-Nitrophenol	ND	1420	1400	98		1400	98		11-114	0		50
2,4-Dinitrophenol	ND	1420	ND	**0**	Q	880	61		4-130	NC		50
4,6-Dinitro-o-cresol	ND	1420	990	70		1000	70		10-130	1		50
Pentachlorophenol	ND	1420	650	46		750	52		17-109	14		50
Phenol	ND	1420	1000	70		1100	77		26-90	10		50
2-Methylphenol	ND	1420	950	67		1000	70		30-130.	5		50
3-Methylphenol/4-Methylphenol	ND	1420	1000	70		1100	77		30-130	10		50
2,4,5-Trichlorophenol	ND	1420	1100	77		1300	91		30-130	17		50
Carbazole	ND	1420	1100	77		1200	84		54-128	9		50

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212822
Report Date: 08/16/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 24-28 QC Batch ID: WG551041-4 WG551041-5 QC Sample: L1212869-03 Client ID: MS Sample												
Atrazine	ND	1420	1000	70		1100	77		40-140	10		50
Benzaldehyde	ND	1420	980	69		1100	77		40-140	12		50
Caprolactam	ND	1420	940	66		1200	84		15-130	24		50
2,3,4,6-Tetrachlorophenol	ND	1420	970	68		1200	84		40-140	21		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	71		83		0-136
2-Fluorobiphenyl	72		77		30-120
2-Fluorophenol	75		83		25-120
4-Terphenyl-d14	71		81		18-120
Nitrobenzene-d5	64		73		23-120
Phenol-d6	77		88		10-120

PCBS

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-03 D	Date Collected:	07/17/12 10:50
Client ID:	S-12L-B010-0.2-0.7	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 02:39
Analytical Date:	07/30/12 16:17	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	34%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	2840	--	50
Aroclor 1221	ND		ug/kg	2840	--	50
Aroclor 1232	ND		ug/kg	2840	--	50
Aroclor 1248	ND		ug/kg	1900	--	50
Aroclor 1254	ND		ug/kg	2840	--	50
Aroclor 1260	ND		ug/kg	1900	--	50
Aroclor 1262	ND		ug/kg	948	--	50
Aroclor 1268	ND		ug/kg	948	--	50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150
Decachlorobiphenyl	**0**	Q	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-03 D	Date Collected:	07/17/12 10:50
Client ID:	S-12L-B010-0.2-0.7	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 02:39
Analytical Date:	07/30/12 16:17	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	34%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	59000		ug/kg	2840	--	50

2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150
Decachlorobiphenyl	**0**	Q	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-04	Date Collected:	07/17/12 10:50
Client ID:	S-12L-B010-1.0-1.5	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 02:39
Analytical Date:	07/26/12 16:45	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	12%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	161	--	1
Aroclor 1221	ND		ug/kg	161	--	1
Aroclor 1232	ND		ug/kg	161	--	1
Aroclor 1248	ND		ug/kg	107	--	1
Aroclor 1254	576		ug/kg	161	--	1
Aroclor 1260	ND		ug/kg	107	--	1
Aroclor 1262	ND		ug/kg	53.6	--	1
Aroclor 1268	ND		ug/kg	53.6	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	69		30-150
Decachlorobiphenyl	50		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-04	Date Collected:	07/17/12 10:50
Client ID:	S-12L-B010-1.0-1.5	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 02:39
Analytical Date:	07/26/12 16:45	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	12%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	1670		ug/kg	161	--	1

2,4,5,6-Tetrachloro-m-xylene	69	30-150
Decachlorobiphenyl	50	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-05	Date Collected:	07/17/12 16:00
Client ID:	EB-071712-03	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8082	Extraction Date:	07/23/12 08:18
Analytical Date:	07/25/12 02:03	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/23/12
		Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/23/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/l	0.250	--	1
Aroclor 1221	ND		ug/l	0.250	--	1
Aroclor 1232	ND		ug/l	0.250	--	1
Aroclor 1242	ND		ug/l	0.250	--	1
Aroclor 1248	ND		ug/l	0.250	--	1
Aroclor 1254	ND		ug/l	0.250	--	1
Aroclor 1260	ND		ug/l	0.250	--	1
Aroclor 1262	ND		ug/l	0.250	--	1
Aroclor 1268	ND		ug/l	0.250	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	69		30-150
Decachlorobiphenyl	52		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-06	Date Collected:	07/17/12 10:50
Client ID:	S-12L-B010-2.5-3.0	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 02:39
Analytical Date:	07/26/12 16:59	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	54%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	36.5	--	1
Aroclor 1221	ND		ug/kg	36.5	--	1
Aroclor 1232	ND		ug/kg	36.5	--	1
Aroclor 1248	ND		ug/kg	24.4	--	1
Aroclor 1254	101		ug/kg	36.5	--	1
Aroclor 1260	ND		ug/kg	24.4	--	1
Aroclor 1262	ND		ug/kg	12.2	--	1
Aroclor 1268	ND		ug/kg	12.2	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	73		30-150
Decachlorobiphenyl	59		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-06	Date Collected:	07/17/12 10:50
Client ID:	S-12L-B010-2.5-3.0	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 02:39
Analytical Date:	07/26/12 16:59	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	54%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	437		ug/kg	36.5	--	1

2,4,5,6-Tetrachloro-m-xylene	73	30-150
Decachlorobiphenyl	59	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-07	Date Collected:	07/17/12 10:50
Client ID:	S-12L-B010-2.5-3.0 REP	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 02:39
Analytical Date:	07/26/12 17:12	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	43%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	46.1	--	1
Aroclor 1221	ND		ug/kg	46.1	--	1
Aroclor 1232	ND		ug/kg	46.1	--	1
Aroclor 1248	ND		ug/kg	30.7	--	1
Aroclor 1260	ND		ug/kg	30.7	--	1
Aroclor 1262	ND		ug/kg	15.4	--	1
Aroclor 1268	ND		ug/kg	15.4	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	67		30-150
Decachlorobiphenyl	52		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-07	Date Collected:	07/17/12 10:50
Client ID:	S-12L-B010-2.5-3.0 REP	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 02:39
Analytical Date:	07/26/12 17:12	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	43%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	797		ug/kg	46.1	--	1
Aroclor 1254	172		ug/kg	46.1	--	1

2,4,5,6-Tetrachloro-m-xylene	67	30-150
Decachlorobiphenyl	52	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-08	Date Collected:	07/17/12 11:20
Client ID:	S-12L-B010-4.0-4.5	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 02:39
Analytical Date:	07/26/12 17:26	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	94%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	20.1	--	1
Aroclor 1221	ND		ug/kg	20.1	--	1
Aroclor 1232	ND		ug/kg	20.1	--	1
Aroclor 1248	ND		ug/kg	13.4	--	1
Aroclor 1254	32.0		ug/kg	20.1	--	1
Aroclor 1260	ND		ug/kg	13.4	--	1
Aroclor 1262	ND		ug/kg	6.69	--	1
Aroclor 1268	ND		ug/kg	6.69	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	90		30-150
Decachlorobiphenyl	84		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-08	Date Collected:	07/17/12 11:20
Client ID:	S-12L-B010-4.0-4.5	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 02:39
Analytical Date:	07/26/12 17:26	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	94%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	117		ug/kg	20.1	--	1

2,4,5,6-Tetrachloro-m-xylene	90	30-150
Decachlorobiphenyl	84	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-09	Date Collected:	07/17/12 11:20
Client ID:	S-12L-B010-6.5-7.0	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 02:39
Analytical Date:	07/26/12 17:40	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	90%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	21.7	--	1
Aroclor 1221	ND		ug/kg	21.7	--	1
Aroclor 1232	ND		ug/kg	21.7	--	1
Aroclor 1248	ND		ug/kg	14.4	--	1
Aroclor 1260	ND		ug/kg	14.4	--	1
Aroclor 1262	ND		ug/kg	7.23	--	1
Aroclor 1268	ND		ug/kg	7.23	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	92		30-150
Decachlorobiphenyl	78		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-09	Date Collected:	07/17/12 11:20
Client ID:	S-12L-B010-6.5-7.0	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 02:39
Analytical Date:	07/26/12 17:40	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	90%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	56.6		ug/kg	21.7	--	1
Aroclor 1254	ND		ug/kg	21.7	--	1

2,4,5,6-Tetrachloro-m-xylene	92	30-150
Decachlorobiphenyl	78	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-10	Date Collected:	07/17/12 11:35
Client ID:	S-12L-B010-9.0-9.5	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 02:39
Analytical Date:	07/26/12 17:53	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	93%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	20.6	--	1
Aroclor 1221	ND		ug/kg	20.6	--	1
Aroclor 1232	ND		ug/kg	20.6	--	1
Aroclor 1248	ND		ug/kg	13.7	--	1
Aroclor 1260	ND		ug/kg	13.7	--	1
Aroclor 1262	ND		ug/kg	6.85	--	1
Aroclor 1268	ND		ug/kg	6.85	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	87		30-150
Decachlorobiphenyl	82		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-10	Date Collected:	07/17/12 11:35
Client ID:	S-12L-B010-9.0-9.5	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 02:39
Analytical Date:	07/26/12 17:53	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	93%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	294		ug/kg	20.6	--	1
Aroclor 1254	72.7		ug/kg	20.6	--	1

2,4,5,6-Tetrachloro-m-xylene	87	30-150
Decachlorobiphenyl	82	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-11	Date Collected:	07/17/12 11:35
Client ID:	S-12L-B010-11.0-11.5	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 02:39
Analytical Date:	07/26/12 18:07	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	90%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	21.6	--	1
Aroclor 1221	ND		ug/kg	21.6	--	1
Aroclor 1232	ND		ug/kg	21.6	--	1
Aroclor 1248	ND		ug/kg	14.4	--	1
Aroclor 1254	ND		ug/kg	21.6	--	1
Aroclor 1260	ND		ug/kg	14.4	--	1
Aroclor 1262	ND		ug/kg	7.22	--	1
Aroclor 1268	ND		ug/kg	7.22	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	88		30-150
Decachlorobiphenyl	79		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-11	Date Collected:	07/17/12 11:35
Client ID:	S-12L-B010-11.0-11.5	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 02:39
Analytical Date:	07/26/12 18:07	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	90%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	128		ug/kg	21.6	--	1

2,4,5,6-Tetrachloro-m-xylene	88	30-150
Decachlorobiphenyl	79	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-12	Date Collected:	07/17/12 12:20
Client ID:	S-12L-B010-14.0-14.5	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 02:39
Analytical Date:	07/26/12 18:20	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	93%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	20.6	--	1
Aroclor 1221	ND		ug/kg	20.6	--	1
Aroclor 1232	ND		ug/kg	20.6	--	1
Aroclor 1248	ND		ug/kg	13.8	--	1
Aroclor 1262	ND		ug/kg	6.88	--	1
Aroclor 1268	ND		ug/kg	6.88	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	90		30-150
Decachlorobiphenyl	83		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-12	Date Collected:	07/17/12 12:20
Client ID:	S-12L-B010-14.0-14.5	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 02:39
Analytical Date:	07/26/12 18:20	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	93%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	125		ug/kg	20.6	--	1
Aroclor 1254	31.3		ug/kg	20.6	--	1
Aroclor 1260	40.7		ug/kg	13.8	--	1

2,4,5,6-Tetrachloro-m-xylene	90	30-150
Decachlorobiphenyl	83	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-13	Date Collected:	07/17/12 12:20
Client ID:	S-12L-B010-15.8-16.3	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 02:39
Analytical Date:	07/26/12 18:34	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	88%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	21.8	--	1
Aroclor 1221	ND		ug/kg	21.8	--	1
Aroclor 1232	ND		ug/kg	21.8	--	1
Aroclor 1248	ND		ug/kg	14.5	--	1
Aroclor 1254	ND		ug/kg	21.8	--	1
Aroclor 1260	ND		ug/kg	14.5	--	1
Aroclor 1262	ND		ug/kg	7.26	--	1
Aroclor 1268	ND		ug/kg	7.26	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	73		30-150
Decachlorobiphenyl	76		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-13	Date Collected:	07/17/12 12:20
Client ID:	S-12L-B010-15.8-16.3	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 02:39
Analytical Date:	07/26/12 18:34	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	88%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	115		ug/kg	21.8	--	1

2,4,5,6-Tetrachloro-m-xylene	73	30-150
Decachlorobiphenyl	76	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-14	Date Collected:	07/17/12 13:00
Client ID:	S-12L-B010-20.0-20.5	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 02:39
Analytical Date:	07/26/12 18:47	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	86%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	23.0	--	1
Aroclor 1221	ND		ug/kg	23.0	--	1
Aroclor 1232	ND		ug/kg	23.0	--	1
Aroclor 1248	ND		ug/kg	15.4	--	1
Aroclor 1254	24.7		ug/kg	23.0	--	1
Aroclor 1260	15.7		ug/kg	15.4	--	1
Aroclor 1262	ND		ug/kg	7.68	--	1
Aroclor 1268	ND		ug/kg	7.68	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	87		30-150
Decachlorobiphenyl	81		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-14	Date Collected:	07/17/12 13:00
Client ID:	S-12L-B010-20.0-20.5	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 02:39
Analytical Date:	07/26/12 18:47	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	86%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	83.0		ug/kg	23.0	--	1

2,4,5,6-Tetrachloro-m-xylene	87	30-150
Decachlorobiphenyl	81	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-15	Date Collected:	07/17/12 13:00
Client ID:	S-12L-B010-21-.5-22.0	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 02:39
Analytical Date:	07/26/12 19:01	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	85%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	22.2	--	1
Aroclor 1221	ND		ug/kg	22.2	--	1
Aroclor 1232	ND		ug/kg	22.2	--	1
Aroclor 1248	ND		ug/kg	14.8	--	1
Aroclor 1260	16.4		ug/kg	14.8	--	1
Aroclor 1262	ND		ug/kg	7.41	--	1
Aroclor 1268	ND		ug/kg	7.41	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	95		30-150
Decachlorobiphenyl	87		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-15	Date Collected:	07/17/12 13:00
Client ID:	S-12L-B010-21-.5-22.0	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 02:39
Analytical Date:	07/26/12 19:01	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	85%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	108		ug/kg	22.2	--	1
Aroclor 1254	30.8		ug/kg	22.2	--	1

2,4,5,6-Tetrachloro-m-xylene	95	30-150
Decachlorobiphenyl	87	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-16	Date Collected:	07/17/12 13:00
Client ID:	S-12L-B010-22.7-23.2	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 02:39
Analytical Date:	07/26/12 19:15	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	93%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	20.8	--	1
Aroclor 1221	ND		ug/kg	20.8	--	1
Aroclor 1232	ND		ug/kg	20.8	--	1
Aroclor 1242	25.0		ug/kg	20.8	--	1
Aroclor 1248	ND		ug/kg	13.9	--	1
Aroclor 1254	ND		ug/kg	20.8	--	1
Aroclor 1260	ND		ug/kg	13.9	--	1
Aroclor 1262	ND		ug/kg	6.94	--	1
Aroclor 1268	ND		ug/kg	6.94	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	80		30-150
Decachlorobiphenyl	74		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-17	Date Collected:	07/18/12 08:15
Client ID:	EB-071812-01	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8082	Extraction Date:	07/23/12 08:18
Analytical Date:	07/25/12 02:16	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/23/12
		Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/23/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/l	0.250	--	1
Aroclor 1221	ND		ug/l	0.250	--	1
Aroclor 1232	ND		ug/l	0.250	--	1
Aroclor 1248	ND		ug/l	0.250	--	1
Aroclor 1254	ND		ug/l	0.250	--	1
Aroclor 1260	ND		ug/l	0.250	--	1
Aroclor 1262	ND		ug/l	0.250	--	1
Aroclor 1268	ND		ug/l	0.250	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	72		30-150
Decachlorobiphenyl	57		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-17	Date Collected:	07/18/12 08:15
Client ID:	EB-071812-01	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8082	Extraction Date:	07/23/12 08:18
Analytical Date:	07/25/12 02:16	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/23/12
		Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/23/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	ND		ug/l	0.250	--	1

2,4,5,6-Tetrachloro-m-xylene	72	30-150
Decachlorobiphenyl	57	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-18	Date Collected:	07/14/12 11:00
Client ID:	S-12L-B005-6.0-6.5	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 02:39
Analytical Date:	07/26/12 19:28	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	79%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	24.3	--	1
Aroclor 1221	ND		ug/kg	24.3	--	1
Aroclor 1232	ND		ug/kg	24.3	--	1
Aroclor 1248	ND		ug/kg	16.2	--	1
Aroclor 1254	ND		ug/kg	24.3	--	1
Aroclor 1260	ND		ug/kg	16.2	--	1
Aroclor 1262	ND		ug/kg	8.10	--	1
Aroclor 1268	ND		ug/kg	8.10	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	80		30-150
Decachlorobiphenyl	70		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-18	Date Collected:	07/14/12 11:00
Client ID:	S-12L-B005-6.0-6.5	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 02:39
Analytical Date:	07/26/12 19:28	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	79%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	70.1		ug/kg	24.3	--	1

2,4,5,6-Tetrachloro-m-xylene	80	30-150
Decachlorobiphenyl	70	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-19	Date Collected:	07/14/12 11:00
Client ID:	S-12L-B005-7.5-8.0	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 02:39
Analytical Date:	07/26/12 19:42	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	90%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	21.2	--	1
Aroclor 1221	ND		ug/kg	21.2	--	1
Aroclor 1232	ND		ug/kg	21.2	--	1
Aroclor 1242	40.3		ug/kg	21.2	--	1
Aroclor 1248	ND		ug/kg	14.2	--	1
Aroclor 1260	ND		ug/kg	14.2	--	1
Aroclor 1262	ND		ug/kg	7.09	--	1
Aroclor 1268	ND		ug/kg	7.09	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	90		30-150
Decachlorobiphenyl	86		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-19	Date Collected:	07/14/12 11:00
Client ID:	S-12L-B005-7.5-8.0	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 02:39
Analytical Date:	07/26/12 19:42	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	90%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1254	32.5		ug/kg	21.2	--	1

2,4,5,6-Tetrachloro-m-xylene	90	30-150
Decachlorobiphenyl	86	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-20	Date Collected:	07/14/12 12:10
Client ID:	S-12L-B005-10.5-11.0	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 02:39
Analytical Date:	07/26/12 19:56	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	99%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	19.8	--	1
Aroclor 1221	ND		ug/kg	19.8	--	1
Aroclor 1232	ND		ug/kg	19.8	--	1
Aroclor 1242	ND		ug/kg	19.8	--	1
Aroclor 1248	ND		ug/kg	13.2	--	1
Aroclor 1260	ND		ug/kg	13.2	--	1
Aroclor 1262	ND		ug/kg	6.59	--	1
Aroclor 1268	ND		ug/kg	6.59	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	68		30-150
Decachlorobiphenyl	73		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-20	Date Collected:	07/14/12 12:10
Client ID:	S-12L-B005-10.5-11.0	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 02:39
Analytical Date:	07/26/12 19:56	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	99%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1254	67.8		ug/kg	19.8	--	1

2,4,5,6-Tetrachloro-m-xylene	68	30-150
Decachlorobiphenyl	73	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-21	Date Collected:	07/14/12 12:40
Client ID:	S-12L-B005-15.2-15.7	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 02:39
Analytical Date:	07/26/12 20:09	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	91%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	21.6	--	1
Aroclor 1221	ND		ug/kg	21.6	--	1
Aroclor 1232	ND		ug/kg	21.6	--	1
Aroclor 1242	37.6		ug/kg	21.6	--	1
Aroclor 1248	ND		ug/kg	14.4	--	1
Aroclor 1262	ND		ug/kg	7.22	--	1
Aroclor 1268	ND		ug/kg	7.22	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	83		30-150
Decachlorobiphenyl	85		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-21	Date Collected:	07/14/12 12:40
Client ID:	S-12L-B005-15.2-15.7	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 02:39
Analytical Date:	07/26/12 20:09	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	91%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1254	27.3		ug/kg	21.6	--	1
Aroclor 1260	19.1		ug/kg	14.4	--	1

2,4,5,6-Tetrachloro-m-xylene	83	30-150
Decachlorobiphenyl	85	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-22	Date Collected:	07/14/12 12:40
Client ID:	S-12L-B005-16.5-17.0	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 02:39
Analytical Date:	07/26/12 21:18	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	81%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	24.3	--	1
Aroclor 1221	ND		ug/kg	24.3	--	1
Aroclor 1232	ND		ug/kg	24.3	--	1
Aroclor 1242	31.6		ug/kg	24.3	--	1
Aroclor 1248	ND		ug/kg	16.2	--	1
Aroclor 1260	16.8		ug/kg	16.2	--	1
Aroclor 1262	ND		ug/kg	8.10	--	1
Aroclor 1268	ND		ug/kg	8.10	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	67		30-150
Decachlorobiphenyl	71		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-22	Date Collected:	07/14/12 12:40
Client ID:	S-12L-B005-16.5-17.0	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 02:39
Analytical Date:	07/26/12 21:18	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	81%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1254	ND		ug/kg	24.3	--	1

2,4,5,6-Tetrachloro-m-xylene	67	30-150
Decachlorobiphenyl	71	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-23	Date Collected:	07/14/12 12:40
Client ID:	S-12L-B005-18.0-18.5	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 02:39
Analytical Date:	07/26/12 21:32	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	86%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	22.7	--	1
Aroclor 1221	ND		ug/kg	22.7	--	1
Aroclor 1232	ND		ug/kg	22.7	--	1
Aroclor 1248	ND		ug/kg	15.1	--	1
Aroclor 1262	ND		ug/kg	7.56	--	1
Aroclor 1268	ND		ug/kg	7.56	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	82		30-150
Decachlorobiphenyl	82		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-23	Date Collected:	07/14/12 12:40
Client ID:	S-12L-B005-18.0-18.5	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 02:39
Analytical Date:	07/26/12 21:32	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	86%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	46.0		ug/kg	22.7	--	1
Aroclor 1254	50.7		ug/kg	22.7	--	1
Aroclor 1260	18.9		ug/kg	15.1	--	1

2,4,5,6-Tetrachloro-m-xylene	82	30-150
Decachlorobiphenyl	82	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-24	Date Collected:	07/14/12 12:40
Client ID:	S-12L-B005-19.0-19.5	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 02:39
Analytical Date:	07/26/12 21:45	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	93%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	20.4	--	1
Aroclor 1221	ND		ug/kg	20.4	--	1
Aroclor 1232	ND		ug/kg	20.4	--	1
Aroclor 1242	33.6		ug/kg	20.4	--	1
Aroclor 1248	ND		ug/kg	13.6	--	1
Aroclor 1254	ND		ug/kg	20.4	--	1
Aroclor 1262	ND		ug/kg	6.79	--	1
Aroclor 1268	ND		ug/kg	6.79	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	93		30-150
Decachlorobiphenyl	92		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-24	Date Collected:	07/14/12 12:40
Client ID:	S-12L-B005-19.0-19.5	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 02:39
Analytical Date:	07/26/12 21:45	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/26/12
Percent Solids:	93%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/26/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1260	ND		ug/kg	13.6	--	1

2,4,5,6-Tetrachloro-m-xylene	93	30-150
Decachlorobiphenyl	92	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-25	Date Collected:	07/14/12 13:20
Client ID:	S-12L-B005-21.0-21.5	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/27/12 15:49
Analytical Date:	08/01/12 11:38	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/28/12
Percent Solids:	84%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/28/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	22.5	--	1
Aroclor 1221	ND		ug/kg	22.5	--	1
Aroclor 1232	ND		ug/kg	22.5	--	1
Aroclor 1248	ND		ug/kg	15.0	--	1
Aroclor 1254	78.2		ug/kg	22.5	--	1
Aroclor 1260	25.4		ug/kg	15.0	--	1
Aroclor 1262	ND		ug/kg	7.49	--	1
Aroclor 1268	ND		ug/kg	7.49	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	62		30-150
Decachlorobiphenyl	59		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-25	Date Collected:	07/14/12 13:20
Client ID:	S-12L-B005-21.0-21.5	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/27/12 15:49
Analytical Date:	08/01/12 11:38	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/28/12
Percent Solids:	84%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/28/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	22.6		ug/kg	22.5	--	1

2,4,5,6-Tetrachloro-m-xylene	62	30-150
Decachlorobiphenyl	59	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-26 D	Date Collected:	07/17/12 15:30
Client ID:	S-12L-B011-0.2-0.7	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/31/12 16:26
Analytical Date:	08/01/12 13:22	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	08/01/12
Percent Solids:	40%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	08/01/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	943	--	20
Aroclor 1221	ND		ug/kg	943	--	20
Aroclor 1232	ND		ug/kg	943	--	20
Aroclor 1242	ND		ug/kg	943	--	20
Aroclor 1248	ND		ug/kg	628	--	20
Aroclor 1254	978		ug/kg	943	--	20
Aroclor 1260	ND		ug/kg	628	--	20
Aroclor 1262	ND		ug/kg	314	--	20
Aroclor 1268	ND		ug/kg	314	--	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	**0**	Q	30-150
Decachlorobiphenyl	**0**	Q	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-27	Date Collected:	07/17/12 15:30
Client ID:	S-12L-B011-2.0-2.5	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/27/12 15:49
Analytical Date:	08/01/12 11:51	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/28/12
Percent Solids:	87%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/28/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	21.6	--	1
Aroclor 1221	ND		ug/kg	21.6	--	1
Aroclor 1232	ND		ug/kg	21.6	--	1
Aroclor 1242	22.7		ug/kg	21.6	--	1
Aroclor 1248	ND		ug/kg	14.4	--	1
Aroclor 1254	ND		ug/kg	21.6	--	1
Aroclor 1260	ND		ug/kg	14.4	--	1
Aroclor 1262	ND		ug/kg	7.21	--	1
Aroclor 1268	ND		ug/kg	7.21	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	65		30-150
Decachlorobiphenyl	59		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID:	L1212822-28	Date Collected:	07/17/12 15:30
Client ID:	S-12L-B011-2.0-2.5 REP	Date Received:	07/18/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/27/12 15:49
Analytical Date:	08/01/12 12:04	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/28/12
Percent Solids:	87%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/28/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	22.8	--	1
Aroclor 1221	ND		ug/kg	22.8	--	1
Aroclor 1232	ND		ug/kg	22.8	--	1
Aroclor 1242	88.9		ug/kg	22.8	--	1
Aroclor 1248	ND		ug/kg	15.2	--	1
Aroclor 1254	ND		ug/kg	22.8	--	1
Aroclor 1260	ND		ug/kg	15.2	--	1
Aroclor 1262	ND		ug/kg	7.61	--	1
Aroclor 1268	ND		ug/kg	7.61	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	57		30-150
Decachlorobiphenyl	54		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082
Analytical Date: 07/25/12 02:43
Analyst: KB

Extraction Method: EPA 3510C
Extraction Date: 07/23/12 08:18
Cleanup Method1: EPA 3665A
Cleanup Date1: 07/23/12
Cleanup Method2: EPA 3660B
Cleanup Date2: 07/23/12

Parameter	Result	Qualifier	Units	RL	MDL
PCB by GC - Westborough Lab for sample(s): 05,17 Batch: WG550130-1					
Aroclor 1016	ND		ug/l	0.250	--
Aroclor 1221	ND		ug/l	0.250	--
Aroclor 1232	ND		ug/l	0.250	--
Aroclor 1242	ND		ug/l	0.250	--
Aroclor 1248	ND		ug/l	0.250	--
Aroclor 1254	ND		ug/l	0.250	--
Aroclor 1260	ND		ug/l	0.250	--
Aroclor 1262	ND		ug/l	0.250	--
Aroclor 1268	ND		ug/l	0.250	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	74		30-150
Decachlorobiphenyl	81		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082
Analytical Date: 07/26/12 20:23
Analyst: KB

Extraction Method: EPA 3546
Extraction Date: 07/26/12 02:39
Cleanup Method1: EPA 3665A
Cleanup Date1: 07/26/12
Cleanup Method2: EPA 3660B
Cleanup Date2: 07/26/12

Parameter	Result	Qualifier	Units	RL	MDL
PCB by GC - Westborough Lab for sample(s): 03-04,06-16,18-24 Batch: WG550937-1					
Aroclor 1016	ND		ug/kg	19.0	--
Aroclor 1221	ND		ug/kg	19.0	--
Aroclor 1232	ND		ug/kg	19.0	--
Aroclor 1242	ND		ug/kg	19.0	--
Aroclor 1248	ND		ug/kg	12.7	--
Aroclor 1254	ND		ug/kg	19.0	--
Aroclor 1260	ND		ug/kg	12.7	--
Aroclor 1262	ND		ug/kg	6.33	--
Aroclor 1268	ND		ug/kg	6.33	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	87		30-150
Decachlorobiphenyl	85		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082
Analytical Date: 07/30/12 06:28
Analyst: SS

Extraction Method: EPA 3546
Extraction Date: 07/27/12 15:49
Cleanup Method1: EPA 3665A
Cleanup Date1: 07/28/12
Cleanup Method2: EPA 3660B
Cleanup Date2: 07/28/12

Parameter	Result	Qualifier	Units	RL	MDL
PCB by GC - Westborough Lab for sample(s): 25,27-28 Batch: WG551388-1					
Aroclor 1016	ND		ug/kg	19.3	--
Aroclor 1221	ND		ug/kg	19.3	--
Aroclor 1232	ND		ug/kg	19.3	--
Aroclor 1242	ND		ug/kg	19.3	--
Aroclor 1248	ND		ug/kg	12.9	--
Aroclor 1254	ND		ug/kg	19.3	--
Aroclor 1260	ND		ug/kg	12.9	--
Aroclor 1262	ND		ug/kg	6.44	--
Aroclor 1268	ND		ug/kg	6.44	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	84		30-150
Decachlorobiphenyl	80		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082
Analytical Date: 08/01/12 09:04
Analyst: KB

Extraction Method: EPA 3546
Extraction Date: 07/31/12 16:26
Cleanup Method1: EPA 3665A
Cleanup Date1: 08/01/12
Cleanup Method2: EPA 3660B
Cleanup Date2: 08/01/12

Parameter	Result	Qualifier	Units	RL	MDL
PCB by GC - Westborough Lab for sample(s): 26 Batch: WG552056-1					
Aroclor 1016	ND		ug/kg	19.7	--
Aroclor 1221	ND		ug/kg	19.7	--
Aroclor 1232	ND		ug/kg	19.7	--
Aroclor 1242	ND		ug/kg	19.7	--
Aroclor 1248	ND		ug/kg	13.2	--
Aroclor 1254	ND		ug/kg	19.7	--
Aroclor 1260	ND		ug/kg	13.2	--
Aroclor 1262	ND		ug/kg	6.58	--
Aroclor 1268	ND		ug/kg	6.58	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	90		30-150
Decachlorobiphenyl	82		30-150

Matrix Spike Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212822

Report Date: 08/16/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
PCB by GC - Westborough Lab Associated sample(s): 25,27-28 QC Batch ID: WG551388-4 WG551388-5 QC Sample: L1212869-03 Client ID: MS Sample												
Aroclor 1016	ND	213	161	76		194	90		40-140	19		50
Aroclor 1260	ND	213	104	49		112	52		40-140	7		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	58		61		30-150
Decachlorobiphenyl	59		61		30-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212822

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
PCB by GC - Westborough Lab Associated sample(s): 05,17 Batch: WG550130-2 WG550130-3								
Aroclor 1016	75		83		40-140	9		50
Aroclor 1260	74		69		40-140	7		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	73		68		30-150
Decachlorobiphenyl	83		78		30-150

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
PCB by GC - Westborough Lab Associated sample(s): 03-04,06-16,18-24 Batch: WG550937-2 WG550937-3								
Aroclor 1016	83		92		40-140	10		50
Aroclor 1260	80		88		40-140	10		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	89		98		30-150
Decachlorobiphenyl	86		95		30-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212822

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
PCB by GC - Westborough Lab Associated sample(s): 25,27-28 Batch: WG551388-2 WG551388-3								
Aroclor 1016	56		62		40-140	10		50
Aroclor 1260	52		52		40-140	0		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	69		65		30-150
Decachlorobiphenyl	65		62		30-150

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
PCB by GC - Westborough Lab Associated sample(s): 26 Batch: WG552056-2 WG552056-3								
Aroclor 1016	76		77		40-140	1		50
Aroclor 1260	71		74		40-140	4		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	84		85		30-150
Decachlorobiphenyl	78		81		30-150

INORGANICS
&
MISCELLANEOUS

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212822
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-03
Client ID: S-12L-B010-0.2-0.7
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/17/12 10:50
Date Received: 07/18/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	34		%	0.10	NA	1	-	07/19/12 22:40	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212822
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-04
Client ID: S-12L-B010-1.0-1.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment
Date Collected: 07/17/12 10:50
Date Received: 07/18/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	12		%	0.10	NA	1	-	07/19/12 22:40	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212822
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-06
Client ID: S-12L-B010-2.5-3.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/17/12 10:50
Date Received: 07/18/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	54		%	0.10	NA	1	-	07/19/12 22:40	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212822
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-07
Client ID: S-12L-B010-2.5-3.0 REP
Sample Location: NEW BEDFORD, MA
Matrix: Sediment
Date Collected: 07/17/12 10:50
Date Received: 07/18/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	43		%	0.10	NA	1	-	07/19/12 22:40	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212822
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-08
Client ID: S-12L-B010-4.0-4.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/17/12 11:20
Date Received: 07/18/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94		%	0.10	NA	1	-	07/19/12 22:40	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212822
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-09
Client ID: S-12L-B010-6.5-7.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/17/12 11:20
Date Received: 07/18/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90		%	0.10	NA	1	-	07/19/12 22:40	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212822
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-10
Client ID: S-12L-B010-9.0-9.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment
Date Collected: 07/17/12 11:35
Date Received: 07/18/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93		%	0.10	NA	1	-	07/19/12 22:40	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212822
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-11
Client ID: S-12L-B010-11.0-11.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/17/12 11:35
Date Received: 07/18/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90		%	0.10	NA	1	-	07/19/12 22:40	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212822
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-12
Client ID: S-12L-B010-14.0-14.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/17/12 12:20
Date Received: 07/18/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93		%	0.10	NA	1	-	07/19/12 22:40	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212822
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-13
Client ID: S-12L-B010-15.8-16.3
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/17/12 12:20
Date Received: 07/18/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88		%	0.10	NA	1	-	07/19/12 22:40	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212822
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-14
Client ID: S-12L-B010-20.0-20.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/17/12 13:00
Date Received: 07/18/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86		%	0.10	NA	1	-	07/19/12 22:40	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212822
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-15
Client ID: S-12L-B010-21-.5-22.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/17/12 13:00
Date Received: 07/18/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85		%	0.10	NA	1	-	07/19/12 22:40	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212822
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-16
Client ID: S-12L-B010-22.7-23.2
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/17/12 13:00
Date Received: 07/18/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93		%	0.10	NA	1	-	07/19/12 22:40	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212822
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-18
Client ID: S-12L-B005-6.0-6.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment
Date Collected: 07/14/12 11:00
Date Received: 07/18/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79		%	0.10	NA	1	-	07/19/12 22:40	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212822
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-19
Client ID: S-12L-B005-7.5-8.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/14/12 11:00
Date Received: 07/18/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90		%	0.10	NA	1	-	07/19/12 22:40	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212822
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-20
Client ID: S-12L-B005-10.5-11.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/14/12 12:10
Date Received: 07/18/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	99		%	0.10	NA	1	-	07/19/12 22:40	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212822
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-21
Client ID: S-12L-B005-15.2-15.7
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/14/12 12:40
Date Received: 07/18/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91		%	0.10	NA	1	-	07/19/12 22:40	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212822
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-22
Client ID: S-12L-B005-16.5-17.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/14/12 12:40
Date Received: 07/18/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81		%	0.10	NA	1	-	07/19/12 22:40	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212822
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-23
Client ID: S-12L-B005-18.0-18.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/14/12 12:40
Date Received: 07/18/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86		%	0.10	NA	1	-	07/19/12 22:40	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212822
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-24
Client ID: S-12L-B005-19.0-19.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment
Date Collected: 07/14/12 12:40
Date Received: 07/18/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93		%	0.10	NA	1	-	07/19/12 22:40	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212822
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-25
Client ID: S-12L-B005-21.0-21.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment
Date Collected: 07/14/12 13:20
Date Received: 07/18/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84		%	0.10	NA	1	-	07/19/12 23:45	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212822
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-26
Client ID: S-12L-B011-0.2-0.7
Sample Location: NEW BEDFORD, MA
Matrix: Sediment
Date Collected: 07/17/12 15:30
Date Received: 07/18/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	40		%	0.10	NA	1	-	07/19/12 23:45	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212822
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-27
Client ID: S-12L-B011-2.0-2.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment
Date Collected: 07/17/12 15:30
Date Received: 07/18/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87		%	0.10	NA	1	-	07/19/12 23:45	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212822
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1212822-28
Client ID: S-12L-B011-2.0-2.5 REP
Sample Location: NEW BEDFORD, MA
Matrix: Sediment
Date Collected: 07/17/12 15:30
Date Received: 07/18/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87		%	0.10	NA	1	-	07/19/12 23:45	30,2540G	RD

Lab Duplicate Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212822
Report Date: 08/16/12

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 03-04,06-16,18-24 QC Batch ID: WG549659-1 QC Sample: L1212822-03 Client ID: S-12L-B010-0.2-0.7						
Solids, Total	34	38	%	11		20
General Chemistry - Westborough Lab Associated sample(s): 25-28 QC Batch ID: WG549674-1 QC Sample: L1212869-03 Client ID: DUP Sample						
Solids, Total	92	91	%	1		20

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212822
Report Date: 08/16/12

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 07/18/2012 23:38

Cooler Information	Custody Seal
Cooler	
A	Absent
D	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1212822-01A	Vial HCl preserved	C	N/A	2	Y	Absent	8260(14)
L1212822-02A	Vial MeOH preserved	C	N/A	2	Y	Absent	8260H-WHG(14)
L1212822-02B	Vial water preserved	C	N/A	2	Y	Absent	8260H-WHG(14)
L1212822-02C	Vial water preserved	C	N/A	2	Y	Absent	8260H-WHG(14)
L1212822-02D	Vial MeOH preserved	C	N/A	2	Y	Absent	8260H-WHG(14)
L1212822-03A	Vial MeOH preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-03B	Vial water preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-03C	Vial water preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-03D	Amber 250ml unpreserved	D	N/A	4	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212822-03E	Amber 250ml unpreserved	D	N/A	4	Y	Absent	-
L1212822-04A	Vial MeOH preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-04B	Vial water preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-04C	Vial water preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-04D	Amber 250ml unpreserved	D	N/A	4	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212822-04E	Amber 250ml unpreserved	D	N/A	4	Y	Absent	-
L1212822-05A	Vial HCl preserved	C	N/A	2	Y	Absent	8260(14)
L1212822-05C	Amber 1000ml unpreserved	C	7	2	Y	Absent	8270TCL(7)
L1212822-05D	Amber 1000ml unpreserved	C	7	2	Y	Absent	8270TCL(7)
L1212822-05E	Amber 1000ml unpreserved	C	7	2	Y	Absent	PCB-8082(7)
L1212822-05F	Amber 1000ml unpreserved	C	7	2	Y	Absent	PCB-8082(7)
L1212822-06A	Vial MeOH preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-06B	Vial water preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)

(*) Values in parentheses indicate holding time in days

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212822
Report Date: 08/16/12

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1212822-06C	Vial water preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-06D	Amber 250ml unpreserved	A	N/A	3	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212822-06E	Amber 250ml unpreserved	A	N/A	3	Y	Absent	-
L1212822-07A	Vial MeOH preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-07B	Vial water preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-07C	Vial water preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-07D	Amber 250ml unpreserved	A	N/A	3	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212822-07E	Amber 250ml unpreserved	A	N/A	3	Y	Absent	-
L1212822-08A	Vial MeOH preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-08B	Vial water preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-08C	Vial water preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-08D	Amber 250ml unpreserved	A	N/A	3	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212822-08E	Amber 250ml unpreserved	A	N/A	3	Y	Absent	-
L1212822-09A	Vial MeOH preserved	C	N/A	2	Y	Absent	8260H-WHG(14),8260HLW-WHG(14)
L1212822-09B	Vial water preserved	C	N/A	2	Y	Absent	8260H-WHG(14),8260HLW-WHG(14)
L1212822-09C	Vial water preserved	C	N/A	2	Y	Absent	8260H-WHG(14),8260HLW-WHG(14)
L1212822-09D	Amber 250ml unpreserved	A	N/A	3	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212822-09E	Amber 250ml unpreserved	A	N/A	3	Y	Absent	-
L1212822-10A	Vial MeOH preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-10B	Vial water preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-10C	Vial water preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-10D	Amber 250ml unpreserved	A	N/A	3	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212822-10E	Amber 250ml unpreserved	A	N/A	3	Y	Absent	-
L1212822-11A	Vial MeOH preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-11B	Vial water preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-11C	Vial water preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-11D	Amber 250ml unpreserved	D	N/A	4	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212822-11E	Amber 250ml unpreserved	D	N/A	4	Y	Absent	-
L1212822-12A	Vial MeOH preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-12B	Vial water preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-12C	Vial water preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)

(*) Values in parentheses indicate holding time in days

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212822
Report Date: 08/16/12

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1212822-12D	Amber 250ml unpreserved	B	N/A	3	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212822-12E	Amber 250ml unpreserved	B	N/A	3	Y	Absent	-
L1212822-13A	Vial MeOH preserved	C	N/A	2	Y	Absent	8260H-WHG(14),8260HLW-WHG(14)
L1212822-13B	Vial water preserved	C	N/A	2	Y	Absent	8260H-WHG(14),8260HLW-WHG(14)
L1212822-13C	Vial water preserved	C	N/A	2	Y	Absent	8260H-WHG(14),8260HLW-WHG(14)
L1212822-13D	Amber 250ml unpreserved	B	N/A	3	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212822-13E	Amber 250ml unpreserved	B	N/A	3	Y	Absent	-
L1212822-14A	Vial MeOH preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-14B	Vial water preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-14C	Vial water preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-14D	Amber 250ml unpreserved	B	N/A	3	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212822-14E	Amber 250ml unpreserved	B	N/A	3	Y	Absent	-
L1212822-15A	Vial MeOH preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-15B	Vial water preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-15C	Vial water preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-15D	Amber 250ml unpreserved	B	N/A	3	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212822-15E	Amber 250ml unpreserved	B	N/A	3	Y	Absent	-
L1212822-16A	Vial MeOH preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-16B	Vial water preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-16C	Vial water preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-16D	Amber 250ml unpreserved	A	N/A	3	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212822-16E	Amber 250ml unpreserved	A	N/A	3	Y	Absent	-
L1212822-17A	Vial HCl preserved	C	N/A	2	Y	Absent	8260(14)
L1212822-17B	Vial HCl preserved	C	N/A	2	Y	Absent	8260(14)
L1212822-17C	Amber 1000ml unpreserved	D	7	4	Y	Absent	8270TCL(7)
L1212822-17D	Amber 1000ml unpreserved	D	7	4	Y	Absent	8270TCL(7)
L1212822-17E	Amber 1000ml unpreserved	D	7	4	Y	Absent	PCB-8082(7)
L1212822-17F	Amber 1000ml unpreserved	D	7	4	Y	Absent	PCB-8082(7)
L1212822-18A	Vial MeOH preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-18B	Vial water preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-18C	Vial water preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-18D	Amber 250ml unpreserved	A	N/A	3	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)

Values in parentheses indicate holding time in days

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212822
Report Date: 08/16/12

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1212822-18E	Amber 250ml unpreserved	A	N/A	3	Y	Absent	-
L1212822-19A	Vial MeOH preserved	C	N/A	2	Y	Absent	8260H-WHG(14),8260HLW-WHG(14)
L1212822-19B	Vial water preserved	C	N/A	2	Y	Absent	8260H-WHG(14),8260HLW-WHG(14)
L1212822-19C	Vial water preserved	C	N/A	2	Y	Absent	8260H-WHG(14),8260HLW-WHG(14)
L1212822-19D	Amber 250ml unpreserved	A	N/A	3	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212822-19E	Amber 250ml unpreserved	A	N/A	3	Y	Absent	-
L1212822-20A	Vial MeOH preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-20B	Vial water preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-20C	Vial water preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-20D	Amber 250ml unpreserved	A	N/A	3	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212822-20E	Amber 250ml unpreserved	A	N/A	3	Y	Absent	-
L1212822-21A	Vial MeOH preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-21B	Vial water preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-21C	Vial water preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-21D	Amber 250ml unpreserved	A	N/A	3	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212822-21E	Amber 250ml unpreserved	A	N/A	3	Y	Absent	-
L1212822-22A	Vial MeOH preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-22B	Vial water preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-22C	Vial water preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-22D	Amber 250ml unpreserved	B	N/A	3	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212822-22E	Amber 250ml unpreserved	B	N/A	3	Y	Absent	-
L1212822-23A	Vial MeOH preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-23B	Vial water preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-23C	Vial water preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-23D	Amber 250ml unpreserved	A	N/A	3	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212822-23E	Amber 250ml unpreserved	A	N/A	3	Y	Absent	-
L1212822-24A	Vial MeOH preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-24B	Vial water preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-24C	Vial water preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-24D	Amber 250ml unpreserved	A	N/A	3	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212822-24E	Amber 250ml unpreserved	A	N/A	3	Y	Absent	-
L1212822-25A	Vial MeOH preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)

(*) Values in parentheses indicate holding time in days

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212822
Report Date: 08/16/12

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1212822-25B	Vial water preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-25C	Vial water preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-25D	Amber 250ml unpreserved	A	N/A	3	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212822-25E	Amber 250ml unpreserved	A	N/A	3	Y	Absent	-
L1212822-26A	Vial MeOH preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-26B	Vial water preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-26C	Vial water preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-26D	Amber 250ml unpreserved	D	N/A	4	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212822-26E	Amber 250ml unpreserved	D	N/A	4	Y	Absent	-
L1212822-27A	Vial MeOH preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-27B	Vial water preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-27C	Vial water preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-27D	Amber 250ml unpreserved	A	N/A	3	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212822-27E	Amber 250ml unpreserved	A	N/A	3	Y	Absent	-
L1212822-28A	Vial MeOH preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-28B	Vial water preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-28C	Vial water preserved	C	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212822-28D	Amber 250ml unpreserved	D	N/A	4	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212822-28E	Amber 250ml unpreserved	D	N/A	4	Y	Absent	-

Container Comments

L1212822-02B

L1212822-08B

L1212822-09B

L1212822-10C

L1212822-11B

L1212822-12C

L1212822-13B

L1212822-14B

L1212822-16C

L1212822-20C

L1212822-24B

(*) Values in parentheses indicate holding time in days

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212822
Report Date: 08/16/12

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)

Container Comments

L1212822-26C

(*) Values in parentheses indicate holding time in days

Project Name:	NEW BEDFORD AEROVOX	**Lab Number:**	L1212822
Project Number:	TO-0010-05	**Report Date:**	08/16/12

GLOSSARY

Acronyms

EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than five times (5x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit.
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
D	- Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
E	- Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
G	- The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
H	- The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
I	- The RPD between the results for the two columns exceeds the method-specified criteria; however, the lower value has been reported due to obvious interference.
M	- Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
NJ	- Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

Report Format: Data Usability Report

Project Name:	NEW BEDFORD AEROVOX	**Lab Number:**	L1212822
Project Number:	TO-0010-05	**Report Date:**	08/16/12

Data Qualifiers

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the reporting limit (RL) for the sample.

Report Format: Data Usability Report

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212822

Project Number: TO-0010-05 **Report Date:** 08/16/12

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certificate/Approval Program Summary

Last revised August 16, 2012 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0574. ***NELAP Accredited Solid Waste/Soil.***

Drinking Water (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Nickel, Selenium, Silver, Sodium, Thallium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP) 504.1, Ethylene Dibromide (EDB) 504.1, 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223, Enumeration and P/A), E. Coli. – Colilert (SM9223, Enumeration and P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform-EC Medium (SM 9221E).

Wastewater/Non-Potable Water (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), E. Coli – Colilert (SM9223 Enumeration), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E), Enterococcus - Enterolert.

Solid Waste/Soil (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Dalapon, Volatile Organics (SW 8260), Acid Extractables (Phenols) (SW 8270), Benzidines (SW 8270), Phthalates (SW 8270), Nitrosamines (SW 8270), Nitroaromatics & Cyclic Ketones (SW 8270), PAHs (SW 8270), Haloethers (SW 8270), Chlorinated Hydrocarbons (SW 8270).)

Maine Department of Human Services Certificate/Lab ID: 2009024.
Drinking Water (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 353.2, SM2130B, 2320B, 2540C, 4500Cl-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 350.1, 351.1, 353.2, 410.4, 420.1, SM2320B, 2510B, 2540C, 2540D, 426C, 4500Cl-D, 4500Cl-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-B, 4500Norg-C, 4500NH3-B, 4500NH3-G, 4500NO3-F, 4500P-B, 4500P-E, 5210B, 5220D, 5310C, 9010B, 9040B, 9030B, 7470A, 7196A, 2340B, EPA 200.7, 6010B, 200.8, 6020, 245.1, 1311, 1312, 3005A, Enterolert, 9223D, 9222D. Organic Parameters: 608, 624, 625, 8081A, 8082, 8330, 8151A, 8260B, 8270C, 3510C, 3630C, 5030B, ME-DRO, ME-GRO, MA-EPH, MA-VPH.)

Solid Waste/Soil (Inorganic Parameters: 9010B, 9012A, 9014A, 9030B, 9040B, 9045C, 6010B, 7471A, 7196A, 9050A, 1010, 1030, 9065, 1311, 1312, 3005A, 3050B. Organic Parameters: ME-DRO, ME-GRO, MA-EPH, MA-VPH, 8260B, 8270C, 8330, 8151A, 8081A, 8082, 3540C, 3546, 3580A, 3630C, 5030B, 5035.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.
*Drinking Water (*Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl) (EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate); (EPA 353.2 for: Nitrate-N, Nitrite-N); (SM4500NO3-F for: Nitrate-N and Nitrite-N); 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, 2320B, SM2540C, SM4500H-B. Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics); (504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), EPA 332. Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; ColilertQT SM9223B; MF-SM9222D.)

Non-Potable Water (Inorganic Parameters:, (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn); (EPA 200.7

for: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn); 245.1, SM4500H,B, EPA 120.1, SM2510B, 2540C, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.
Organic Parameters: (EPA 624 for Volatile Halocarbons, Volatile Aromatics),(608 for: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT,Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs-Water), (EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables), 600/4-81-045-PCB-Oil. Microbiology Parameters: (ColilertQT SM9223B; Enterolert-QT: SM9222D-MF.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM 9222B, 9223B, 9215B, EPA 200.7, 200.8, 300.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 332.0. Organic Parameters: 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM9222D, 9221B, 9222B, 9221E-EC, EPA 3005A, 200.7, 200.8, 245.1, SW-846 6010B, 6010C, 6020, 6020A, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 350.2, 351.1, 353.2, 410.4, 420.1, 426C, 1664A, SW-846 9010B, 9030B, 9040B, SM2120B, 2310B, 2320B, 2540B, 2540D, 4500H+B, 4500CL-E, 4500CN-E, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500P-E, 4500-S2-D, 5210B, 5220D, 2510B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D, 3060A. Organic Parameters: SW-846 3510C, 3630C, 5030B, 8260B, 8270C, 8270D, 8330, EPA 624, 625, 608, SW-846 8082, 8082A, 8081A, 8081B, 8151A, 8330, 8270C-SIM, 8270D-SIM.)

Solid & Chemical Materials (Inorganic Parameters: SW-846 6010B, 6010C, 7196A, 7471A, 1010, 1030, 9010, 9012A, 9014, 9030B, 9040B, 9045C, 9050, 9065,1311, 1312, 3005A, 3050B, 3060A. Organic Parameters: SW-846 3540C, 3546, 3050B, 3580A, 3630C, 5030B, 5035, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330, 8151A, 8015B, 8015C, 8082, 8082A, 8081A, 8081B.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9222B, 9221E, 9223B, 9215B, 4500CN-CE, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 200.8, 245.1, 2540C, SM2120B, 2320B, 2510B, 5310C, SM4500H-B. Organic Parameters: EPA 332, 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM5210B, EPA 410.4, SM5220D, 4500Cl-E, EPA 300.0, SM2120B, 2340B, SM4500F-BC, EPA 200.7, 200.8, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310B, C or D, 4500-PE, EPA 420.1, SM510ABC, SM4500P-B5+E, 2540B, 2540C, 2540D, 2540G, EPA 120.1, SM2510B, SM2520B, SM15 426C, 9222D, 9221B, 9221C, 9221E, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, EPA 350.1, 350.2, SW-846 1312, 7470A, 5540C, SM4500H-B, 4500SO3-B, SM3500Cr-D, 4500CN-CE, EPA 245.1, SW-846 9040B, 3005A, 3015, EPA 6010B, 6010C, 6020, 6020A, 7196A, 3060A, SW-846 9010B, 9030B. Organic Parameters: SW-846 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3510C, EPA 608, 624, 625, SW-846 3630C, 5030B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 1,4-Dioxane by NJ Modified 8270, 8015B, NJ EPH.)

Solid & Chemical Materials (Inorganic Parameters: SW-846, 6010B, 6010C, 6020, 6020A, 7196A, 3060A, 9010B, 9030B, 1010, 1030, 1311, 1312, 3005A, 3050B, 7471A, 7471B, 9014, 9012A, 9040B, 9040C, 9045C, 9045D, 9050A, 9065, 9251. Organic Parameters: SW-846 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3540C, 3546, 3580A, 3630C, 5030B, 5035L, 5035H, NJ OQA-QAM-025 Rev.7, NJ EPH.)

New York Department of Health Certificate/Lab ID: 11148. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.2, SM5310C, EPA 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500NO3-F, 2540C, SM 2510B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, 5310C, EPA 410.4, SM5220D, 2310B-4a, 2320B, EPA 200.7, 300.0, SM4500CL-E, 4500F-C, SM15 426C, EPA 350.1, SM4500NH3-BH, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010B, 6010C, 6020, 6020A, EPA 7196A, SM3500Cr-D, EPA 245.1, 245.2, 7470A, SM2120B, LACHAT 10-204-00-1-A, 4500CN-CE, EPA 1664A, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 3005A, 3015, 9010B, 9030B. Organic Parameters: EPA 624, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 625, 608, 8081A, 8081B, 8151A, 8330, 8082, 8082A, EPA 3510C, 5030B.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010, 1030, EPA 6010B, 6010C, 7196A, 7471A, 7471B, 9012A, 9014, 9065, 9050A, EPA 1311, 1312, 3005A, 3050B, 9010B, 9040C, 9045D. Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8015B, 8015C, 8081A, 8081B, 8151A, 8330, 8082 8082A, 3540C, 3546, 3580, 3580A, 5030B, 5035A-H, 5035A-L.)

North Carolina Department of the Environment and Natural Resources Certificate/Lab ID : 666. (Inorganic Parameters: SM2310B, 2320B, 4500Cl-E, 4500Cn-E, 9014, Lachat 10-204-00-1-X, 1010A, 1030, 4500NO3-F, 353.2, 4500P-E, 4500SO4-E, 300.0, 4500S-D, 5310B, 5310C, 6010C, 6020A, 200.7, 200.8, 3500Cr-B, 7196A, 245.1, 7471A, 7471B, 1311,1312. Organic Parameters: 608, 8081B, 8082A, 624, 8260B, 625, 8270D, 8151A, 8015C, 504.1, MA-EPH, MA-VPH.)

Drinking Water Program Certificate/Lab ID: 25700. (Inorganic Parameters: Chloride EPA 300.0. Organic Parameters: 524.2)

Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: 200.7, 200.8, 245.2, 300.0, 332.0, 2120B, 2320B, 2510B, 2540C, 4500-CN-CE, 4500F-C, 4500H+-B, 4500NO3-F, 5310C. Organic Parameters: EPA 524.2, 504.1)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1312, 3005A,3015, 3060A, 200.7, 200.8, 410.4, 1664A, SM2540D, 5210B, 5220D, 4500-P,BE, 245.1, 300.0, 3501., 350.2, 353.2, 420.1, 6010B, 6010C, 6020, 6020A, 7196A, 7470A, 9010B, 9030B, 9040B, Lachat 10-107-06-2-D, NJ-EPH, 2120B, 2310B, 2320B, 2340B, 2510C, 2540B, 2540C, 3500Cr-D, 436C, 4500CN-CE, 4500Cl-E, 4500F-B, 4500F-C, 4500H+-B, 4500NO2-B, 4500NO3-F, 4500S-D, 4500SO3-B, 5310BCD, 5540C. Organic Parameters: EPA 3510C, 3630C, 5030B, 625, 624, 608, 8081A, 8081B, 8082, 8082A, 8151A, 8260B, 8270C, 8270D, 8330, 8015B,)

Solid & Hazardous Waste (Inorganic Parameters: EPA 350.1, 1010, 1030, 1311, 1312, 3005A, 3050B, 3060A, 6010B, 6010C, 6020A, 7196A, 7471A, 7471B, 9010B, 9012A, 9014, 9040B, 9045C, 9050, 9065, SM 4500NH3-BH, 9030B, 9038, 9251. Organic Parameters: 3540C, 3546, 3580A, 3630C, 5035, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330, NJ-EPH.)

Rhode Island Department of Health Certificate/Lab ID: LAO00065. ***NELAP Accredited via NJ-DEP.***
Refer to MA-DEP Certificate for Potable and Non-Potable Water.
Refer to NJ-DEP Certificate for Potable and Non-Potable Water.

Texas Commisson on Environmental Quality Certificate/Lab ID: T104704476-09-1. ***NELAP Accredited.***
Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 $S2^{-}$D, 510C, 5210B, 5220D, 5310C, 5540C. Organic Parameters: EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

Virginia Division of Consolidated Laboratory Services Certificate/Lab ID: 460195. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: EPA 200.7, 200.8, 300.0, 2510B, 2120B, 2540C, 4500CN-CE, 245.2, 2320B, 4500F-C, 4500F-C, 4500NO3-F, 5310C. Organic Parameters: EPA 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 200.7, 2..08, 245.1, 300.0, 3005A, 3015, 1312, 6010B, 6010C, 3060A, 353.2, 420.1, 6020, 6020A, SM4500S-D, SM4500-CN-CE, Lachat 10-204-00-1-X, 7196A, 7470A, 9010B, 9040B, 2310B, 2320B, 2510B, 2540B, 2540C, 3500Cr-D, 426C, 4500Cl-E, 4500F-B, 4500F-C, 4500PE, 510AC, 5210B, 5310B 5310C, 5540C. Organic Parameters: EPA 3510C, 3630C, 5030B, 8260B, 608, 624, 625, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330,)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010A, 1030, 3060A, 3050B, 1311, 1312, 6010B, 6010C, 6020, , 7196A, 7471A, 7471B, 6020A, 9030B, 9010B, 9012A, 9014 9040B, 9045C, 9050A, 9065. Organic Parameters: EPA 5035, 3540C, 3546, 3550, 3580, 3630C, 8260B, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330.)

Department of Defense, L-A-B Certificate/Lab ID: L2217.
Drinking Water (Inorganic Parameters: SM 4500H-B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: EPA 200.7, 200.8, 6010B, 6010C, 6020, 6020A, 245.1, 245.2, 7470A, 9040B, 9010B, 180.1. 300.0, 332.0, 6860, 353.2, 410.4, 9060, 1664A, SM 4500CN-E, 4500H-B, 4500NO3-F, 4500CL-D, 5220D, 5310C, 2130B, 2320B, 2540C, 3005A, 3015, 9010B, 9056. Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A, 8082, 8082A, 8011A, 8081B, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 200.7, 6010B, 6010C, 7471A, 6860, 1311, 1312, 3050B, 7196A, 9010B, 9012A, 9040B, 9045C, 3500-CR-D, 4500CN-CE, 2540G, Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A/B-prep, 8082, 8082A, 8081A, 8081B, 3540C, 3546, 3580A, 5035A, MassDEP EPH, MassDEP VPH.)

The following analytes are not included in our current NELAP/TNI Scope of Accreditation:
EPA 8260B: Freon-113, 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8330A:** PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C:** Methyl naphthalene, Dimethyl naphthalene, Total Methylnapthalenes, Total Dimethylnaphthalenes, 1,4-Diphenylhydrazine (Azobenzene). **EPA 625:** 4-Chloroaniline, 4-Methylphenol. Total Phosphorus in a soil matrix, Chloride in a soil matrix, TKN in a soil matrix, NO2 in a soil matrix, NO3 in a soil matrix, SO4 in a soil matrix. **EPA 9071:** Total Petroleum Hydrocarbons, Oil & Grease.

CHAIN OF CUSTODY

PAGE 1 OF 4

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 7-18-12

ALPHA Job #: L12 12822

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0016-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 8/1/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State / (Fed) Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

Project-specific EDD. Homogenize before analysis. Samples from BOPS must be frozen or analyzed immediately (hold time)

SAMPLE HANDLING

Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid PCB, Aroclor	PCB Congeners (Archive)	Total # Bottles	Sample Specific Comments
12822.1	TB-071812-01	7/16/12	1100		KDB?			X		2	Trip Blank FB, SVOC
2	TB-071812-02	7/18/12	0715		DGS	X				2	Trip Blank High
2	TB-071812-03	7/18/12	0715		DGS		X			2	Trip Blank Low
3	S-12L-B010-0.2-0.7	7/17/12	1056	SE		X				1	
3	S-12L-B010-0.2-0.7						X			3	
3	S-12L-B010-0.2-0.7							X		3	All 3 analyses
3	S-12L-B010-0.2-0.7								X	3	Archive
4	S-12L-B010-1.0-1.5					X				1	
4	S-12L-B010-1.0-1.5						X			3	
4	S-12L-B010-1.0-1.5							X		3	All 3 analyses

Container Type	V	V	A	A
Preservative	F	O	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	7/18/12 1615	YGM	7/18/12 1615
YGM	7/18/12 1655	T. Hayden	7/18/12 1655
T. Hayden	7/18/12 1835	[signature]	7/18/12 1835

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Sediment Boring Collection and Analysis Off the Former Aerovox Site Property Shoreline W912WJ-09-D-0001 April 2013 Delivery Order -05

CHAIN OF CUSTODY

PAGE 2 OF 11

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 7-18-12

ALPHA Job #: L1217822

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 8/1/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
Project-specific EDD; Homogenize before analysis

ANALYSIS: High VOC | Low VOC | SVOC, Total Solid Reactor | PCB Congener (Archive)

SAMPLE HANDLING
Filtration
☐ Done ☐ Not needed ☐ Lab to do
Preservation
☐ Lab to do (Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid Reactor	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
L1217822-4	S-12L-B010-1.0-1.5	7/17/12	1050	SE	DGS				X	Archive	2
5	EB-071712-03		1600	SW	DRW	X				Equip Blank 1	4
5	EB-071712-03		1600	SW	DRW			X		Equip Blank, SVOC + Acetone	1
6	S-12L-B010-2.5-3.0		1050	SE	DGS	X					3
6	S-12L-B010-2.5-3.0						X				
6	S-12L-B010-2.5-3.0							X		All 3 analyses	
6	S-12L-B010-2.5-3.0								X	Archive	
7	S-12L-B010-2.5-3.0 REP					X				REP	
7	S-12L-B010-2.5-3.0 REP						X			REP	
7	S-12L-B010-2.5-3.0 REP							X		REP, All 3 analyses	

Container Type	V	V	A	A
Preservative	F	O	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
	7/18/12 1615		7/18/12 1615
	7/18/12 1655		7/18/12 1655
	7/18/12 1835		7/18/12 1835

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Off the Former Aerovox Site Property Shoreline W912WJ-09-D-0001 Sediment Sampling Collection and Analysis April 2013 Delivery Order -05

CHAIN OF CUSTODY

PAGE 3 OF 11

Date Rec'd in Lab: 7-18-12

ALPHA Job #: L1212822

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 8/1/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

Project-Specific EDD. Homogenize before analysis

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC	Low VOC	SVOC, Total Solid, PCB	PCB Congener (Archive)	SAMPLE HANDLING: Filtration (☐ Done ☐ Not needed ☐ Lab to do) Preservation (☐ Lab to do) (Please specify below)	Sample Specific Comments	TOTAL # BOTTLES
12822-4	S-12L-B010-2.5-3.0 REP	7/17/12	1050	SE	DGS				X		REP, Archive	1
8	S-12L-B010-4.0-4.5		1120			X						2
8	S-12L-B010-4.0-4.5						X					
9	S-12L-B010-4.0-4.5							X			All 3 analyses	1
8	S-12L-B010-4.0-4.5								X		Archive	1
9	S-12L-B010-6.5-7.0					X						2
9	S-12L-B010-6.5-7.0						X					
9	S-12L-B010-6.5-7.0							X			All 3 analyses	1
9	S-12L-B010-6.5-7.0 DG								X		Archive	1
10	S-12L-B010-9.0-9.5		1135			X						2

Container Type	V	V	A	A									
Preservative	F	0	A	A									

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Dave Walsh	7/18/12 1615	YCM	7/18/12 1615
YSM	7/18/12 1655	T. Thurston	7/18/12 1655
T. Thurston	7/18/12 1835	Katt Morn	7/18/12 1835

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Delivery Order -05 April 2013

Sediment Boring Collection and Analysis Off the Former Aerovox Site Property Shoreline W912WJ-09-D-0001

MANSFIELD CHAIN OF CUSTODY

PAGE 4 OF 11

Date Rec'd in Lab: 7·18·12

ALPHA Job #: L1212822

ALPHA ANALYTICAL

WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 8/1/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program Criteria

Other Project Specific Requirements/Comments/Detection Limits:
Project-specific EDD. Homogenize before analysis

PLEASE NOTE
MS/MSD (at unit cost) will be omitted unless you check here: ☐

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
12822-10	S-12L-B010-9.0-9.5	7/17/12	1135	SE	DGS		X				2
10	S-12L-B010-9.0-9.5							X		All 3 analyses	1
10	S-12L-B010-9.0-9.5								X	Archive	1
11	S-12L-B010-11.0-11.5					X					1
11	S-12L-B010-11.0-11.5						X				
11	S-12L-B010-11.0-11.5							X		All 3 analyses	
11	S-12L-B010-11.0-11.5								X	Archive	
12	S-12L-B010-14.0-14.5		1220			X					
12	S-12L-B010-14.0-14.5						X				
12	S-12L-B010-14.0-14.5							X		All 3 analyses	

	High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congener (Archive)
Container Type	V	V	A	A
Preservative	F	O	A	A

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	7/18/12 1615	[signature]	7/18/12 1615
[signature]	7/18/12 1258	[signature]	7/18/12 1655
[signature]	7/18/12 1835	[signature]	7/18/12 1835

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 101-09 (rev. 27-SEP-10)

Sediment Boring Collection and Analysis
Off the Former Aerovox Site Property Shoreline
W912WJ-09-D-0001

CHAIN OF CUSTODY

PAGE 5 OF 11

Date Rec'd in Lab: 7/18/12

ALPHA Job #: L1212822

ALPHA ANALYTICAL

WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 8/1/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State / Fed Program Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

Project-specific EDD. Homogenize before analysis

SAMPLE HANDLING

Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid, PCB, Aroclor	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
12822. 12	S-12L-B010-DGS 14.0-14.5	7/17/12	1220	SE	DGS				X	Archive	1
13	S-12L-B010-15.8-16.3					X					2
13	S-12L-B010-15.8-16.3						X				1
13	S-12L-B010-15.8-16.3							X		All 3 analyses	
13	S-12L-B010-15.8-16.3								X	Archive	
14	S-12L-B010-20.0-20.5		1300			X					
14	S-12L-B010-20.0-20.5						X				
14	S-12L-B010-20.0-20.5							X		All 3 analyses	
14	S-12L-B010-20.0-20.5								X	Archive	
15	S-12L-B010-21.5-22.0					X					
					Container Type	V	V	A	A		
					Preservative	F	O	A	A		

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	7/18/12 1615	[signature]	7/18/12 1615
[signature]	7/18/12 1655	[signature]	7/18/12 1655
[signature]	7/18/12 1835	[signature]	7/18/12 1835

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Sediment Boring Collection and Analysis Off the Former Aerovox Site Property Shoreline W912WJ-09-D-0001 Deliv[illegible]rder [illegible]05 April 2013

CHAIN OF CUSTODY

PAGE 6 OF 11

Date Rec'd in Lab: 7/18/12

ALPHA Job #: L1212582

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 8/1/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed) Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

Project-Specific EDD, Homogenize before analysis. Samples from B005 must be ~~frozen or sampled~~ immediately (hold time)

ALPHA Lab ID (Lab Use Only)	Sample ID (analyzed)	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
12822-15	S-12L-B010-21.5-22.0	7/17/12	1300	SE	DGS		X				1
15	S-12L-B010-21.5-22.0							X		All 3 analyses	1
15	S-12L-B010-21.5-22.0								X	Archive	1
16	S-12L-B010-22.7-23.2					X					1
16	S-12L-B010-22.7-23.2						X				1
16	S-12L-B010-22.7-23.2							X		All 3 analyses	1
16	S-12L-B010-22.7-23.2								X	Archive	1
17	EB-071812-01	7/18/12	0815	SW	DRW	X				Equip Blank 12	2
17	EB-071812-01	7/18/12	0815	SW	DRW			X		Equip. Blank, SVOC + Aroclor	1
18	S-12L-B005-6.0-6.5	7/14/12	1100	SE	DGS	X					1

SAMPLE HANDLING
Filtration
☐ Done ☐ Not needed ☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

Container Type	V	V	A	A
Preservative	F	O	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
David Walsh	7/18/12 1615	YCM	7/18/12 1615
YCM	7/18/12 1655	T. Hunsicker	7/18/12 1655
T. Hunsicker	7/18/12 1835	Kate Mann	7/18/12 1835

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Del: Order -05 April 2013

Settlement Boring Collection and Analysis
Off the Former Aerovox Site Property Shoreline
W912WJ-09-D-0001

CHAIN OF CUSTODY

PAGE 7 OF 11

Date Rec'd in Lab: 7-18-12

ALPHA Job #: L1212822

ALPHA ANALYTICAL

WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 8/1/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State / Fed Program Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

Project-specific EDD, Homogenize before analysis, Samples from B005 must be frozen or ~~sampled~~ analyzed immediately (hold time)

SAMPLE HANDLING

Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
18	S-12L-B005-6.0-6.5	7/14/12	1100	SE	DGS		X				1
18	S-12L-B005-6.0-6.5							X		All 3 analyses	1
18	S-12L-B005-6.0-6.5								X	Archive	1
19	S-12L-B005-7.5-8.0					X					1
19	S-12L-B005-7.5-8.0						X				1
19	S-12L-B005-7.5-8.0							X		All 3 analyses	1
19	S-12L-B005-7.5-8.0								X	Archive	1
20	S-12L-B005-10.5-11.0		1210			X					1
20	S-12L-B005-10.5-11.0						X				1
20	S-12L-B005-10.5-11.0							X		All 3 analyses	1
					Container Type	V	V	A	A		
					Preservative	F	O	A	A		

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Dad Stuart	7/18/12 1615	MGM	7/18/12 1615
MGM	7/18/12 1655	T. Huddleson	7/18/12 1655
T. Huddleson	7/18/12 1835	Kate Brown	7/18/12 1835

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Sediment Boring Collection and Analysis
Off the Former Aerovox Site Property Shoreline
W912WJ-09-D-0001
Delivery Order 0-05
April 2013

CHAIN OF CUSTODY

PAGE 8 OF 11

Date Rec'd in Lab: 7/18/12

ALPHA Job #: L1212822

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 8/1/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

Project-specific EDD. Homogenize before analysis. Samples from B005 must be frozen and analyzed immediately (hold time)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid	PCB Aroclor	PCB Congener (Archive)	Sample Specific Comments	Total # Bottles
L2822 20	S-12L-B005-10.5-11.0	7/14/12	1210	SE	DGS				X		Archive	1
21	S-12L-B005-15.2-15.7		1240			X						1
21	S-12L-B005-15.2-15.7						X					2
21	S-12L-B005-15.2-15.7							X			All 3 analyses	1
21	S-12L-B005-15.2-15.7								X		Archive	1
22	S-12L-B005-16.5-17.0					X						1
22	S-12L-B005-16.5-17.0						X					2
22	S-12L-B005-16.5-17.0							X			All 3 analyses	1
22	S-12L-B005-16.5-17.0								X		Archive	1
23	S-12L-B005-18.0-18.5					X						1
	Container Type					V	V	A	A			
	Preservative					F	O	A	A			

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Dave Stewart	7/18/12 1615	YCM	7/18/12 1615
YCM	7/18/12 1655	T. Handler	7/18/12 1655
T. Handler	7/18/12 1835	[illegible]	7/18/12 1835

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

CHAIN OF CUSTODY

PAGE 9 OF 11

Date Rec'd in Lab: 7/18/12

ALPHA Job #: L1212822

ALPHA ANALYTICAL

WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193

MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Woods Hole Group

Address: 81 Technology Park Dr
East Falmouth, MA 02536

Phone: 508-540-8080

Fax: 508-540-1001

Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox

Project Location: New Bedford, MA

Project #: TO-0010-05

Project Manager: Dave Walsh

ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 8/1/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL

☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State / Fed / Program Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?

☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)

☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

Project-specific EDD. Homogenize before analysis. B005 samples must be frozen or analyzed immediately (hold time)

SAMPLE HANDLING

Filtration
☐ Done ☐ Not needed ☐ Lab to do
Preservation
☐ Lab to do (Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid PCB + Aroclor	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
L1212822-23	S-12L-B005-18.0-18.5	7/14/12	1240	SB	DGS		X				1
23	S-12L-B005-18.0-18.5							X		All 3 analyses	1
23	S-12L-B005-18.0-18.5								X	Archive	1
24	S-12L-B005-19.0-19.5					X					1
24	S-12L-B005-19.0-19.5						X				1
24	S-12L-B005-19.0-19.5							X		All 3 analyses	1
24	S-12L-B005-19.0-19.5								X	Archive	1
25	S-12L-B005-21.0-21.5		1320			X					1
25	S-12L-B005-21.0-21.5						X				1
25	S-12L-B005-21.0-21.5							X		All 3 analyses	1

CHAIN OF CUSTODY

PAGE 10 OF 11

Date Rec'd in Lab: 7-18-12

ALPHA Job #: L1212822

ALPHA ANALYTICAL

WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 8/1/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
Project-Specific EDD. Homogenize before analysis. B005 Samples must be frozen or analyzed immediately (hold time)

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solids, PCB Aroclor	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
12822-25	S-12L-B005-21.0-21.5	7/14/12	1320	SE	DGS				X	Archive	1
26	S-12L-B011-0.2-0.7	~~7/18/12~~ 7/17/12	1530	SE	DGS	X					1
26	S-12L-B011-0.2-0.7	7/17/12					X				2
26	S-12L-B011-0.2-0.7							X		All 3 analyses	1
26	S-12L-B011-0.2-0.7								X	Archive	
27	S-12L-B011-2.0-2.5					X					
27	S-12L-B011-2.0-2.5						X				
27	S-12L-B011-2.0-2.5							X		All 3 analyses	
27	S-12L-B011-2.0-2.5								X	Archive	
28	S-12L-B011-2.0-2.5 REP					X					

Container Type	V	V	A	A
Preservative	F	O	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Dack Stuart	7/18/12 1615	[signature]	7/18/12 1615
[signature]	7/18/12 1655	[signature]	7/18/12 1655
[signature]	7/18/12 1835	[signature]	7/18/12 1835

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Settlement Boring Collection and Analysis
Off the Former Aerovox Site Property Shoreline
W912WJ-09-D-0001

CHAIN OF CUSTODY

PAGE 11 OF 11

Date Rec'd in Lab: 7-18-12

ALPHA Job #: L1212822

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 8/1/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

Project-specific EDD. Homogenize before analysis

SAMPLE HANDLING

Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC	Low VOC	SVOC, Total Solid, PCB aroclor, PCB Congeners (Archive)		Sample Specific Comments	TOTAL # BOTTLES
12822 28	S-12L-B011-2.0-2.5REP	7/17/12	1530	SE	DGS		X				1
28	S-12L-B011-2.0-2.5REP	↓	↓	↓	↓			X		All 3 analyses	1
28	S-12L-B011-2.0-2.5REP	↓	↓	↓	↓				X	Archive	1

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Container Type	V	V	A	A
Preservative	F	U	A	A

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	7/18/12 1615	[signature]	7/18/12 1615
[signature]	7/18/12 1655	[signature]	7/18/12 1655
[signature]	7/18/12 1835	[signature]	7/18/12 1835

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Sediment Boring Collection and Analysis
Off the Former Aerovox Site Property Shoreline
W912WJ-09-D-0001

CHAIN OF CUSTODY

PAGE 1 OF 4

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 7-18-12

ALPHA Job #: L12 12822

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM
☐ These samples have been previously analyzed by Alpha

Serial_No:08161214

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 8/1/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State / (Fed) Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

Project-specific EDD. Homogenize before analysis. Samples from BOPS must be frozen or analyzed immediately (hold time)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid, PCB	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
12822-1	TB-071812-01	7/16/12	1100		KDB?			X		Trip Blank FB, SVOC	2
2	TB-071812-02	7/18/12	0715		DGS	X				Trip Blank High	2
2	TB-071812-03	7/18/12	0715		DGS		X			Trip Blank Low	2
3	S-12L-B010-0.2-0.7	7/17/12	1050	SE		X					1
3	S-12L-B010-0.2-0.7						X				2
3	S-12L-B010-0.2-0.7							X		All 3 analyses	2
3	S-12L-B010-0.2-0.7								X	Archive	
4	S-12L-B010-1.0-1.5					X					1
4	S-12L-B010-1.0-1.5						X				2
4	S-12L-B010-1.0-1.5							X		All 3 analyses	2
	Container Type					V	V	A	A		
	Preservative					F	O	A	A		

SAMPLE HANDLING
Filtration
☐ Done ☐ Not needed ☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Dave Walsh	7/18/12 1615	YGM	7/18/12 1615
YGM	7/18/12 1655	T. Hughes	7/18/12 1655
T. Hughes	7/18/12 1835	Dave Walsh	7/18/12 1835
Dave Walsh	7/18/12 2045	Pat Clark	7/19/12 735

Please print clearly, legibly and completely. Samples can not be in and turnaround time clo start until any ambiguitie All samples submitted Alpha's Terms and C See reverse side.

Pat Clark 7-19-12 910

FORM NO: 01-01 (rev. 18-Jan-2010)

Sediment Boring Collection and Analysis
Off the Former Aerovox Site Property Shoreline
W912WJ-09-D-0001

Serial_No:08161213:44

CHAIN OF CUSTODY

PAGE 2 OF 11

Date Rec'd in Lab: 7-18-12

ALPHA Job #: L1212822

ALPHA ANALYTICAL

WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193

MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Woods Hole Group

Address: 81 Technology Park Dr East Falmouth, MA 02536

Phone: 508-540-8080

Fax: 508-540-1001

Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox

Project Location: New Bedford, MA

Project #: TO-0910-05

Project Manager: Dave Walsh

ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 8/1/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL

☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?

☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)

☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required , indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

Project-specific EDD; Homogenize before analysis

ANALYSIS: High VOC; Low VOC; SVOC, Total Solid PCB; PCB Congener (Archive)

SAMPLE HANDLING
Filtration
☐ Done ☐ Not needed ☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid PCB	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
12212-4	S-12L-B010-1.0-1.5	7/17/12	1050	SE	DGS				X	Archive	1
5	EB-071712-03		1600	SW	DRW	X				Equip Blank 11	2
5	EB-071712-03		1600	SW	DRW			X		Equip Blank, SVOC + Arocl	4
6	S-12L-B010-2.5-3.0		1050	SE	DGS	X					1
6	S-12L-B010-2.5-3.0						X				3
6	S-12L-B010-2.5-3.0							X		All 3 analyses	1
6	S-12L-B010-2.5-3.0								X	Archive	1
7	S-12L-B010-2.5-3.0 REP					X				REP	1
7	S-12L-B010-2.5-3.0 REP						X			REP	2
7	S-12L-B010-2.5-3.0 REP							X		REP, All 3 analyses	1
	Container Type					V	V	A	A		
	Preservative					F	O	A	A		

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Dave Walsh	7/18/12 1615	[illegible]	7/18/12 1615
[illegible]	7/18/12 1655	T. Handel	7/18/12 1655
[illegible]	7/18/12 1835	[illegible]	7/18/12 1835
[illegible]	7/18/12 2045	Pat Calder	7/19/12 735 RBR Pat Calder 7/19/12 910

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Delivery Order 0010-05

April 2011

Serial_No:08161213:44

CHAIN OF CUSTODY

PAGE 3 OF 11

Date Rec'd in Lab: 7-18-12

ALPHA Job #: L1212822

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 8/1/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:
If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
Project-specific EDD. Homogenize before analysis

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid, PCB Acidic	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
12822-7	S-12L-B010-2.5-3.0 REP	7/17/12	1050	SE	DGS				X	REP, Archive	1
8	S-12L-B010-4.0-4.5		1120			X					1
8	S-12L-B010-4.0-4.5						X				2
8	S-12L-B010-4.0-4.5							X		All 3 analyses	1
8	S-12L-B010-4.0-4.5								X	Archive	1
9	S-12L-B010-6.5-7.0					X					1
9	S-12L-B010-6.5-7.0						X				2
9	S-12L-B010-6.5-7.0							X		All 3 analyses	1
9	S-12L-B010-6.5-~~6~~ DGS 7.0								X	Archive	1
10	S-12L-B010-9.0-9.5		1135			X					1
					Container Type	V	V	A	A		
					Preservative	F	O	A	A		

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Dave Walsh	7/18/12 1615	[signature]	7/18/12 1615
[signature]	7/18/12 1655	[signature]	7/18/12 1655
[signature]	7/18/12 1835	[signature]	7/18/12 1835
[signature]	7/18/12 0745	[signature]	7/19/12 735
Pat Calder	7/19/12 910		

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Sediment Boring Collection and Analysis
Off the Former Aerovox Site Property Shoreline
W912WJ-09-D-0001

Delivery Order 0010-05
April 2013

Serial_No:08161213:44

MANSFIELD CHAIN OF CUSTODY

PAGE 4 OF 11

Date Rec'd in Lab: 7-18-12

ALPHA Job #: L1212822

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 8/1/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program | Criteria

Other Project Specific Requirements/Comments/Detection Limits:
Project-specific EDD. Homogenize before analysis

PLEASE NOTE
MS/MSD (at unit cost) will be omitted unless you check here: ☐

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congener (Archive)	Sample Specific Comments	Total # Bottles
12822-10	S-12L-B010-9.0-9.5	7/17/12	1135	SE	DGS		X				2
10	S-12L-B010-9.0-9.5							X		All 3 analyses	1
10	S-12L-B010-9.0-9.5								X	Archive	1
11	S-12L-B010-11.0-11.5					X					1
11	S-12L-B010-11.0-11.5						X				2
11	S-12L-B010-11.0-11.5							X		All 3 analyses	1
11	S-12L-B010-11.0-11.5								X	Archive	1
12	S-12L-B010-14.0-14.5		1220			X					1
12	S-12L-B010-14.0-14.5						X				2
12	S-12L-B010-14.0-14.5							X		All 3 analyses	1

Container Type	V	V	A	A
Preservative	F	O	A	A

SAMPLE HANDLING
Filtration
☐ Done ☐ Not needed ☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

Relinquished By:	Date/Time	Received By:	Date/Time
	7/18/12 1615		7/18/12 1615
	7/18/12 1855		7/18/12 1855
	7/18/12 0045		7/18/12 1835
	7/19/12 900		7/19/12 735

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Delivery Order 0010-05
April 2013

CHAIN OF CUSTODY

PAGE 5 OF 11

Date Rec'd in Lab: 7/18/12

ALPHA Job #: L1212822

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 8/1/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State / Fed Program Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required , indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
Project-specific EDD. Homogenize before analysis

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC	Low VOC	SVOC, Total Solid PCB, Aroclor	PCB Congener (Archive)	SAMPLE HANDLING	TOTAL # BOTTLES
12822. 12	S-12L-B010-14.0-14.5	7/17/12	1220	SE	DGS				X	Archive	1
13	S-12L-B010-15.8-16.3					X					1
13	S-12L-B010-15.8-16.3						X				2
13	S-12L-B010-15.8-16.3							X		All 3 analyses	1
13	S-12L-B010-15.8-16.3								X	Archive	1
14	S-12L-B010-20.0-20.5		1300			X					1
14	S-12L-B010-20.0-20.5						X				3
14	S-12L-B010-20.0-20.5							X		All 3 analyses	1
14	S-12L-B010-20.0-20.5								X	Archive	1
15	S-12L-B010-21.5-22.0					X					1
	Container Type					V	V	A	A		
	Preservative					F	O	A	A		

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	7/18/12 1615	[signature]	7/18/12 1615
[signature]	7/18/12 1655	[signature]	7/18/12 1655
[signature]	7/18/12 1815	[signature]	7/18/12 1815
[signature]	7/19/12 0915	[signature]	7/19/12 735

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Delivery Order 0010-05

April 2013

Serial_No:08161213:44

CHAIN OF CUSTODY

PAGE 6 OF 11

Date Rec'd in Lab: 7 18 12

ALPHA Job #: L1212522

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 8/1/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

Project-specific EDD, Homogenize before analysis. Samples from B005 must be frozen of ~~sampled~~ analyzed immediately (hold time)

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
12822-15	S-12L-B010-21.5-22.0	7/17/12	1300	SE	DGS		X				2
15	S-12L-B010-21.5-22.0							X		All 3 analyses	1
15	S-12L-B010-21.5-22.0								X	Archive	1
16	S-12L-B010-22.7-23.2					X					1
16	S-12L-B010-22.7-23.2						X				2
16	S-12L-B010-22.7-23.2							X		All 3 analyses	1
16	S-12L-B010-22.7-23.2								X	Archive	1
17	EB-071812-01	7/18/12	0815	SW	DRW	X				Equip Blank 12	2
17	EB-071812-01	7/18/12	0815	SW	DRW			X		Equip. Blank, SVOC + Aroclor	4
18	S-12L-B005-6.0-6.5	7/14/12	1100	SE	DGS	X					1
					Container Type	V	V	A	A		
					Preservative	F	O	A	A		

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	7/18/12 1615	[signature]	7/18/12 1615
[signature]	7/18/12 1655	[signature]	7/18/12 1655
[signature]	7/18/12 1835	[signature]	7/18/12 1835
[signature]	7/18/12 0045	[signature]	7/19/12 735

REL [signature] 7/19/12 940

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Sediment Boring Collection and Analysis
Off the Former Aerovox Site Property Shoreline
W912WJ-09-D-0001

D-1702

Delivery Order 0010-05
April 2013

Serial_No:08161213:44

CHAIN OF CUSTODY

PAGE 7 OF 11

Date Rec'd in Lab: 7-18-12

ALPHA Job #: L1212822

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 8/1/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State / Fed Program Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

Project-specific EDD, Homogenize before analysis. Samples from B005 must be frozen or ~~sampled~~ analyzed immediately (hold time)

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
18	S-12L-B005-6.0-6.5	7/14/12	1100	SB	DGS		X				2
18	S-12L-B005-6.0-6.5							X		All 3 analyses	1
18	S-12L-B005-6.0-6.5								X	Archive	1
19	S-12L-B005-7.5-8.0					X					1
19	S-12L-B005-7.5-8.0						X				2
19	S-12L-B005-7.5-8.0							X		All 3 analyses	1
19	S-12L-B005-7.5-8.0								X	Archive	1
20	S-12L-B005-10.5-11.0		1210			X					1
20	S-12L-B005-10.5-11.0						X				2
20	S-12L-B005-10.5-11.0							X		All 3 analyses	1

Container Type	V	V	A	A
Preservative	F	O	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Dad Stuart	7/18/12 1615	MGM	7/18/12 1615
MGM	7/18/12 1655	T. Huddle	7/18/12 1655
T. Huddle	7/18/12 1835	Kate Moore	7/18/12 1835
Kate Moore	7/18/12 0045	Pat Colden	7/19/12 735
		RRL Pat Colden	7/19/12 910

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Sediment Boring Collection and Analysis
Off the Former Aerovox Site Property Shoreline
W912WJ-09-D-0001

Delivery Order 0010-05
April 2013

Serial_No:08161213:44

CHAIN OF CUSTODY

PAGE 8 OF 11

Date Rec'd in Lab: 7/18/12

ALPHA Job #: L1212822

ALPHA ANALYTICAL

WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193

MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Woods Hole Group

Address: 81 Technology Park Dr
East Falmouth, MA 02536

Phone: 508-540-8080

Fax: 508-540-1001

Email: DWALSH@WHGRP.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox

Project Location: New Bedford, MA

Project #: TO-0010-05

Project Manager: Dave Walsh

ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 8/1/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL

☒ FEDEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?

☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)

☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

Project-specific EDD. Homogenize before analysis. Samples from BOOS must be frozen or analyzed immediately (hold time)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid PCB Aroclor	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
12822 20	S-12L-BOOS-10.5-11.0	7/14/12	1210	SE	DGS				X	Archive	1
21	S-12L-BOOS-15.2-15.7		1240			X					1
21	S-12L-BOOS-15.2-15.7						X				2
21	S-12L-BOOS-15.2-15.7							X		All 3 analyses	1
21	S-12L-BOOS-15.2-15.7								X	Archive	1
22	S-12L-BOOS-16.5-17.0					X					1
22	S-12L-BOOS-16.5-17.0						X				2
22	S-12L-BOOS-16.5-17.0							X		All 3 analyses	1
22	S-12L-BOOS-16.5-17.0								X	Archive	1
23	S-12L-BOOS-18.0-18.5					X					1

SAMPLE HANDLING

Filtration
☐ Done ☐ Not needed ☐ Lab to do

Preservation
☐ Lab to do

(Please specify below)

Container Type	V	V	A	A
Preservative	F	O	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Dave Walsh	7/18/12 1615	YCM	7/18/12 1615
YCM	7/18/12 1655	T Hamilton	7/18/12 1655
T Hamilton	7/18/12 1825	Pat Bellew	7/18/12 1825
Kate Mun	7/18/12 0045	Pat Bellew	7/19/12 735
		RELD Bellew	7/19/12 910

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Delivery Order 0010-05

April 2013

CHAIN OF CUSTODY

PAGE 9 OF 11

Date Rec'd in Lab: 7/18/12

ALPHA Job #: L1212822

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 8/1/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ FEDEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State / Fed Program Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
Project-specific EDD. Homogenize before analysis. B005 samples must be frozen or analyzed immediately (hold time)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid PCB Aroclor	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
12822-23	S-12L-B005-18.0-18.5	7/14/12	1240	SE	DGS		X				2
23	S-12L-B005-18.0-18.5							X		All 3 analyses	1
23	S-12L-B005-18.0-18.5								X	Archive	1
24	S-12L-B005-19.0-19.5					X					1
24	S-12L-B005-19.0-19.5						X				3
24	S-12L-B005-19.0-19.5							X		All 3 analyses	1
24	S-12L-B005-19.0-19.5								X	Archive	1
25	S-12L-B005-21.0-21.5		1320			X					1
25	S-12L-B005-21.0-21.5						X				3
25	S-12L-B005-21.0-21.5							X		All 3 analyses	1
	Container Type					V	V	A	A		
	Preservative					F	O	A	A		

SAMPLE HANDLING
Filtration
☐ Done ☐ Not needed ☐ Lab to do
Preservation
☐ Lab to do (Please specify below)

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Dave Walsh	7/18/12 1615	YCM	7/18/12 1615
YCM	7/18/12 1655	T. Hurdle	7/18/12 1655
T. Hurdle	7/18/12 1835		7/18/12 1835
Kevin Mun	7/18/12 2005	Pat Cadieux	7/19/12 735

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.
Delivery Order 0010-05
April 2013

Serial_No:08161213:44

CHAIN OF CUSTODY

PAGE 10 OF 11

Date Rec'd in Lab: 7-18-12

ALPHA Job #: L1212822

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 8/1/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
Project-Specific EDD. Homogenize before analysis. B005 Samples must be frozen or analyzed immediately (hold time)

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solids, PCB Aroclor	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
12822-25	S-12L-B005-21.0-21.5	7/14/12	1320	SE	DGS				X	Archive	1
26	S-12L-B011-0.2-0.7	DGS 7/17/12 ~~7/18/12~~	1530	SE	DGS	X					1
26	S-12L-B011-0.2-0.7	7/17/12					X				2
26	S-12L-B011-0.2-0.7							X		All 3 analyses	1
26	S-12L-B011-0.2-0.7								X	Archive	1
27	S-12L-B011-2.0-2.5					X					1
27	S-12L-B011-2.0-2.5						X				2
27	S-12L-B011-2.0-2.5							X		All 3 analyses	1
27	S-12L-B011-2.0-2.5								X	Archive	1
28	S-12L-B011-2.0-2.5 REP					X					1
					Container Type	V	V	A	A		
					Preservative	F	O	A	A		

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Dack Stuart	7/18/12 1615	[signature]	7/18/12 1615
[signature]	7/18/12 1655	[signature]	7/18/12 1655
[signature]	7/18/12 1835	[signature]	7/18/12 1835
[signature]	7/18/12 0045	Pat Cole	7/19/12 735

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Sediment Boring Collection and Analysis Off the Former Aerovox Site Property Shoreline W912WJ-09-D-0001

Delivery Order 0010-05 April 2013

RE: Pat Cole 7/19/12 910

Serial_No:08161213:44

CHAIN OF CUSTODY

PAGE 11 OF 11

Date Rec'd in Lab: 7-18-12

ALPHA Job #: L1212822

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 8/1/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

Project-Specific EDD. Homogenize before analysis

SAMPLE HANDLING

Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid, PCB aroclor, PCB Congeners (Archive)									Sample Specific Comments	TOTAL # BOTTLES
12822 28	S-12L-B011-2.0-2.5REP	7/17/12	1530	SE	DGS		X											2
28	S-12L-B011-2.0-2.5REP	↓	↓	↓	↓			X									All 3 analyses	1
28	S-12L-B011-2.0-2.5REP	↓	↓	↓	↓				X								Archive	1

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Container Type	V	V	A	A
Preservative	F	U	A	A

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	7/18/12 1615	[signature]	7/18/12 1615
[signature]	7/18/12 1655	[signature]	7/18/12 1655
[signature]	7/18/12 1835	[signature]	7/18/12 1835
[signature]	7/18/12 0045	Pat Glen	7/19/12 735
		REL Pat Glen	7/19/12 910

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Sediment Boring Collection and Analysis
Off the Former Aerovox Site Property Shoreline
W912WJ-09-D-0001
D-17002
Delivery Order 0010-05
April 2013

Cindy McQueen <cmcqueen@alphalab.com>

Aerovox frozen samples

Dack Stuart <dstuart@whgrp.com> Thu, Jul 19, 2012 at 5:45 PM
Reply-To: dstuart@whgrp.com
To: "Cindy McQueen (AAL)" <cmcqueen@alphalab.com>
Cc: David Walsh <dwalsh@whgrp.com>

Hi Cindy,

I want to clarify which Aerovox samples were placed into frozen storage, when, and for how long:

All cores from ASB-5 (B005) were placed in frozen storage at 1800 on 7/14. They were removed from storage at 0800 on 7/16. After thawing in a 60-65F air-conditioned room, sampling began 1030 on 7/18. Samples were stored on ice until being signed over to the Alpha courier at 1615 on 7/18.

All cores from ASB-7 (B007) were placed in frozen storage at 1800 on 7/14. They were removed from storage at 0800 on 7/17. After thawing in a 60-65F air-conditioned room, sampling began 0730 on 7/19. Samples were stored on ice until being signed over to the Alpha courier at 1730 on 7/19.

All cores from ASB-12 (B012) were placed in frozen storage at 1200 on 7/18. They were removed from storage at 1730 on 7/18 and were stored in ice in a 60-65F air-conditioned room. Sampling lasted from 1530-1615 on 7/19, then un-sampled cores were placed into a refrigerator (non-frozen storage). Collected samples were stored on ice until being signed over to the Alpha courier at 1730 on 7/19. Sampling on ASB-12 will continue tomorrow at 0700, where each sample that is collected from the cores will be placed in frozen storage until being driven to Alpha by WHG, hopefully sometime around 1000.

I will provide a more descriptive narrative for the ASB-12 samples once they are all collected and sent away.

Thanks,

Dack

Dack Stuart, M.S.

Coastal Scientist

Woods Hole Group, Inc.

81 Technology Park Drive

E. Falmouth, MA 02536 USA

Office: 508-540-8080

Fax: 508-540-1001

dstuart@whgrp.com

ANALYTICAL REPORT

Lab Number:	L1212869
Client:	Woods Hole Group 81 Technology Park Drive East Falmouth, MA 02536
ATTN:	Dave Walsh
Phone:	(508) 540-8080
Project Name:	NEW BEDFORD AEROVOX
Project Number:	TO-0010-05
Report Date:	08/17/12

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508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212869
Report Date: 08/17/12

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1212869-01	TB-071912-01	NEW BEDFORD, MA	07/19/12 07:00
L1212869-02	S-12L-B011-3.5-4.0	NEW BEDFORD, MA	07/17/12 15:45
L1212869-03	S-12L-B011-8.5-9.0	NEW BEDFORD, MA	07/17/12 16:00
L1212869-04	S-12L-B011-13.5-14.0	NEW BEDFORD, MA	07/17/12 16:30
L1212869-05	S-12L-B011-16.0-16.5	NEW BEDFORD, MA	07/17/12 16:30
L1212869-06	S-12L-B011-18.5-19.0	NEW BEDFORD, MA	07/17/12 17:00
L1212869-07	S-12L-B011-20.0-20.5	NEW BEDFORD, MA	07/17/12 17:00
L1212869-08	S-12L-B011-21.5-22.0	NEW BEDFORD, MA	07/17/12 17:00
L1212869-09	S-12L-B011-22.0-22.5	NEW BEDFORD, MA	07/17/12 17:15
L1212869-10	S-12L-B011-25.5-26.0	NEW BEDFORD, MA	07/17/12 17:15
L1212869-11	TB-071912-02	NEW BEDFORD, MA	07/19/12 07:00

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869
Project Number: TO-0010-05 **Report Date:** 08/17/12

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples free of charge for 30 days from the date the project is completed. After 30 days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples.

Please contact Client Services at 800-624-9220 with any questions.

Project Name:	NEW BEDFORD AEROVOX	**Lab Number:**	L1212869
Project Number:	TO-0010-05	**Report Date:**	08/17/12

Case Narrative (continued)

Report Submission

This final report replaces the preliminary report issued August 3, 2012, and includes the results of all requested analyses.

Volatile Organics

The WG551196-4/-5 MS/MSD recoveries, performed on L1212869-03, are below the acceptance criteria for Acetone (0%/0%), Methyl Acetate (0%/0%), and Cyclohexane (MS at 0%) due to the concentration of these compounds falling below the reported detection limits.

L1212869-11: The Trip Blank has results for Trichloroethane present above the reporting limit. The sample was re-analyzed outside of hold time and Trichloroethane was not detected. The results of the both analyses are reported.

Semivolatile Organics

The WG551041-4/-5 MS/MSD recoveries, performed on L1212869-03, were below the acceptance criteria for Hexachlorocyclopentadiene (0/36%) and 2,4-Dinitrophenol (MS at 0%); however, the associated LCS/LCSD recoveries were within criteria.

PCBs

The dual column RPD for L1212869-06 is above the acceptance criteria for Aroclor 1254; however, no obvious column interferences are present. The higher of the two results is reported and qualified with a "P".

The samples were received in accordance with the chain of custody and no significant deviations were encountered during preparation or analysis unless otherwise noted below.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Cynthia McQueen

Title: Technical Director/Representative Date: 08/17/12

ORGANICS

VOLATILES

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212869-01	Date Collected:	07/19/12 07:00
Client ID:	TB-071912-01	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/26/12 16:38		
Analyst:	BN		
Percent Solids:	Results reported on an 'AS RECEIVED' basis.		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	500	--	1
1,1-Dichloroethane	ND		ug/kg	100	--	1
Chloroform	ND		ug/kg	100	--	1
Carbon tetrachloride	ND		ug/kg	100	--	1
1,2-Dichloropropane	ND		ug/kg	200	--	1
Dibromochloromethane	ND		ug/kg	100	--	1
1,1,2-Trichloroethane	ND		ug/kg	100	--	1
Tetrachloroethene	ND		ug/kg	100	--	1
Chlorobenzene	ND		ug/kg	100	--	1
Trichlorofluoromethane	ND		ug/kg	250	--	1
1,2-Dichloroethane	ND		ug/kg	100	--	1
1,1,1-Trichloroethane	ND		ug/kg	100	--	1
Bromodichloromethane	ND		ug/kg	100	--	1
trans-1,3-Dichloropropene	ND		ug/kg	100	--	1
cis-1,3-Dichloropropene	ND		ug/kg	100	--	1
Bromoform	ND		ug/kg	200	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	100	--	1
Benzene	ND		ug/kg	100	--	1
Toluene	ND		ug/kg	100	--	1
Ethylbenzene	ND		ug/kg	100	--	1
Chloromethane	ND		ug/kg	250	--	1
Bromomethane	ND		ug/kg	100	--	1
Vinyl chloride	ND		ug/kg	100	--	1
Chloroethane	ND		ug/kg	100	--	1
1,1-Dichloroethene	ND		ug/kg	100	--	1
trans-1,2-Dichloroethene	ND		ug/kg	100	--	1
Trichloroethene	ND		ug/kg	100	--	1
1,2-Dichlorobenzene	ND		ug/kg	250	--	1
1,3-Dichlorobenzene	ND		ug/kg	250	--	1
1,4-Dichlorobenzene	ND		ug/kg	250	--	1
Methyl tert butyl ether	ND		ug/kg	100	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212869-01 Date Collected: 07/19/12 07:00

Client ID: TB-071912-01 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	200	--	1
o-Xylene	ND		ug/kg	200	--	1
Xylenes, Total	ND		ug/kg	200	--	1
cis-1,2-Dichloroethene	ND		ug/kg	100	--	1
Styrene	ND		ug/kg	200	--	1
Dichlorodifluoromethane	ND		ug/kg	500	--	1
Acetone	ND		ug/kg	1800	--	1
Carbon disulfide	ND		ug/kg	500	--	1
2-Butanone	ND		ug/kg	500	--	1
4-Methyl-2-pentanone	ND		ug/kg	500	--	1
2-Hexanone	ND		ug/kg	500	--	1
Bromochloromethane	ND		ug/kg	250	--	1
1,2-Dibromoethane	ND		ug/kg	200	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	--	1
Isopropylbenzene	ND		ug/kg	100	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	250	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	250	--	1
Methyl Acetate	ND		ug/kg	1000	--	1
Cyclohexane	ND		ug/kg	1000	--	1
1,4-Dioxane	ND		ug/kg	5000	--	1
Methyl cyclohexane	ND		ug/kg	200	--	1
Freon-113	ND		ug/kg	1000	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	98		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212869-02	Date Collected:	07/17/12 15:45
Client ID:	S-12L-B011-3.5-4.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/24/12 19:16		
Analyst:	BN		
Percent Solids:	91%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	12	--	1
1,1-Dichloroethane	ND		ug/kg	2.5	--	1
Chloroform	ND		ug/kg	2.5	--	1
Carbon tetrachloride	ND		ug/kg	2.5	--	1
1,2-Dichloropropane	ND		ug/kg	5.0	--	1
Dibromochloromethane	ND		ug/kg	2.5	--	1
1,1,2-Trichloroethane	ND		ug/kg	2.5	--	1
Tetrachloroethene	ND		ug/kg	2.5	--	1
Chlorobenzene	ND		ug/kg	2.5	--	1
Trichlorofluoromethane	ND		ug/kg	6.2	--	1
1,2-Dichloroethane	ND		ug/kg	2.5	--	1
1,1,1-Trichloroethane	ND		ug/kg	2.5	--	1
Bromodichloromethane	ND		ug/kg	2.5	--	1
trans-1,3-Dichloropropene	ND		ug/kg	2.5	--	1
cis-1,3-Dichloropropene	ND		ug/kg	2.5	--	1
Bromoform	ND		ug/kg	5.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.5	--	1
Benzene	ND		ug/kg	2.5	--	1
Toluene	ND		ug/kg	2.5	--	1
Ethylbenzene	ND		ug/kg	2.5	--	1
Chloromethane	ND		ug/kg	6.2	--	1
Bromomethane	ND		ug/kg	2.5	--	1
Vinyl chloride	ND		ug/kg	2.5	--	1
Chloroethane	ND		ug/kg	2.5	--	1
1,1-Dichloroethene	ND		ug/kg	2.5	--	1
trans-1,2-Dichloroethene	ND		ug/kg	2.5	--	1
Trichloroethene	7.8		ug/kg	2.5	--	1
1,2-Dichlorobenzene	ND		ug/kg	6.2	--	1
1,3-Dichlorobenzene	ND		ug/kg	6.2	--	1
1,4-Dichlorobenzene	ND		ug/kg	6.2	--	1
Methyl tert butyl ether	ND		ug/kg	2.5	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212869-02 Date Collected: 07/17/12 15:45

Client ID: S-12L-B011-3.5-4.0 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	5.0	--	1
o-Xylene	ND		ug/kg	5.0	--	1
Xylenes, Total	ND		ug/kg	5.0	--	1
cis-1,2-Dichloroethene	ND		ug/kg	2.5	--	1
Styrene	ND		ug/kg	5.0	--	1
Dichlorodifluoromethane	ND		ug/kg	12	--	1
Acetone	ND		ug/kg	45	--	1
Carbon disulfide	ND		ug/kg	12	--	1
2-Butanone	ND		ug/kg	12	--	1
4-Methyl-2-pentanone	ND		ug/kg	12	--	1
2-Hexanone	ND		ug/kg	12	--	1
Bromochloromethane	ND		ug/kg	6.2	--	1
1,2-Dibromoethane	ND		ug/kg	5.0	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.2	--	1
Isopropylbenzene	ND		ug/kg	2.5	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.2	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.2	--	1
Methyl Acetate	ND		ug/kg	25	--	1
Cyclohexane	ND		ug/kg	25	--	1
1,4-Dioxane	ND		ug/kg	120	--	1
Methyl cyclohexane	ND		ug/kg	5.0	--	1
Freon-113	ND		ug/kg	25	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	100		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212869-03	Date Collected:	07/17/12 16:00
Client ID:	S-12L-B011-8.5-9.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/25/12 13:40		
Analyst:	BN		
Percent Solids:	92%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	11	--	1
1,1-Dichloroethane	ND		ug/kg	2.1	--	1
Chloroform	ND		ug/kg	2.1	--	1
Carbon tetrachloride	ND		ug/kg	2.1	--	1
1,2-Dichloropropane	ND		ug/kg	4.3	--	1
Dibromochloromethane	ND		ug/kg	2.1	--	1
1,1,2-Trichloroethane	ND		ug/kg	2.1	--	1
Tetrachloroethene	ND		ug/kg	2.1	--	1
Chlorobenzene	ND		ug/kg	2.1	--	1
Trichlorofluoromethane	ND		ug/kg	5.3	--	1
1,2-Dichloroethane	ND		ug/kg	2.1	--	1
1,1,1-Trichloroethane	ND		ug/kg	2.1	--	1
Bromodichloromethane	ND		ug/kg	2.1	--	1
trans-1,3-Dichloropropene	ND		ug/kg	2.1	--	1
cis-1,3-Dichloropropene	ND		ug/kg	2.1	--	1
Bromoform	ND		ug/kg	4.3	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.1	--	1
Benzene	ND		ug/kg	2.1	--	1
Toluene	ND		ug/kg	2.1	--	1
Ethylbenzene	ND		ug/kg	2.1	--	1
Chloromethane	ND		ug/kg	5.3	--	1
Bromomethane	ND		ug/kg	2.1	--	1
Vinyl chloride	ND		ug/kg	2.1	--	1
Chloroethane	ND		ug/kg	2.1	--	1
1,1-Dichloroethene	ND		ug/kg	2.1	--	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	--	1
Trichloroethene	12		ug/kg	2.1	--	1
1,2-Dichlorobenzene	ND		ug/kg	5.3	--	1
1,3-Dichlorobenzene	ND		ug/kg	5.3	--	1
1,4-Dichlorobenzene	ND		ug/kg	5.3	--	1
Methyl tert butyl ether	ND		ug/kg	2.1	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212869-03 Date Collected: 07/17/12 16:00

Client ID: S-12L-B011-8.5-9.0 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	4.3	--	1
o-Xylene	ND		ug/kg	4.3	--	1
Xylenes, Total	ND		ug/kg	4.3	--	1
cis-1,2-Dichloroethene	ND		ug/kg	2.1	--	1
Styrene	ND		ug/kg	4.3	--	1
Dichlorodifluoromethane	ND		ug/kg	11	--	1
Acetone	ND		ug/kg	38	--	1
Carbon disulfide	ND		ug/kg	11	--	1
2-Butanone	ND		ug/kg	11	--	1
4-Methyl-2-pentanone	ND		ug/kg	11	--	1
2-Hexanone	ND		ug/kg	11	--	1
Bromochloromethane	ND		ug/kg	5.3	--	1
1,2-Dibromoethane	ND		ug/kg	4.3	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.3	--	1
Isopropylbenzene	ND		ug/kg	2.1	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.3	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.3	--	1
Methyl Acetate	ND		ug/kg	21	--	1
Cyclohexane	ND		ug/kg	21	--	1
1,4-Dioxane	ND		ug/kg	110	--	1
Methyl cyclohexane	ND		ug/kg	4.3	--	1
Freon-113	ND		ug/kg	21	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	113		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212869-04	Date Collected:	07/17/12 16:30
Client ID:	S-12L-B011-13.5-14.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/25/12 17:41		
Analyst:	BN		
Percent Solids:	94%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	14	--	1
1,1-Dichloroethane	ND		ug/kg	2.7	--	1
Chloroform	ND		ug/kg	2.7	--	1
Carbon tetrachloride	ND		ug/kg	2.7	--	1
1,2-Dichloropropane	ND		ug/kg	5.4	--	1
Dibromochloromethane	ND		ug/kg	2.7	--	1
1,1,2-Trichloroethane	ND		ug/kg	2.7	--	1
Tetrachloroethene	ND		ug/kg	2.7	--	1
Chlorobenzene	ND		ug/kg	2.7	--	1
Trichlorofluoromethane	ND		ug/kg	6.8	--	1
1,2-Dichloroethane	ND		ug/kg	2.7	--	1
1,1,1-Trichloroethane	ND		ug/kg	2.7	--	1
Bromodichloromethane	ND		ug/kg	2.7	--	1
trans-1,3-Dichloropropene	ND		ug/kg	2.7	--	1
cis-1,3-Dichloropropene	ND		ug/kg	2.7	--	1
Bromoform	ND		ug/kg	5.4	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.7	--	1
Benzene	ND		ug/kg	2.7	--	1
Toluene	ND		ug/kg	2.7	--	1
Ethylbenzene	ND		ug/kg	2.7	--	1
Chloromethane	ND		ug/kg	6.8	--	1
Bromomethane	ND		ug/kg	2.7	--	1
Vinyl chloride	ND		ug/kg	2.7	--	1
Chloroethane	ND		ug/kg	2.7	--	1
1,1-Dichloroethene	ND		ug/kg	2.7	--	1
trans-1,2-Dichloroethene	ND		ug/kg	2.7	--	1
Trichloroethene	6.4		ug/kg	2.7	--	1
1,2-Dichlorobenzene	ND		ug/kg	6.8	--	1
1,3-Dichlorobenzene	ND		ug/kg	6.8	--	1
1,4-Dichlorobenzene	ND		ug/kg	6.8	--	1
Methyl tert butyl ether	ND		ug/kg	2.7	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212869-04 Date Collected: 07/17/12 16:30

Client ID: S-12L-B011-13.5-14.0 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	5.4	--	1
o-Xylene	ND		ug/kg	5.4	--	1
Xylenes, Total	ND		ug/kg	5.4	--	1
cis-1,2-Dichloroethene	ND		ug/kg	2.7	--	1
Styrene	ND		ug/kg	5.4	--	1
Dichlorodifluoromethane	ND		ug/kg	14	--	1
Acetone	ND		ug/kg	49	--	1
Carbon disulfide	ND		ug/kg	14	--	1
2-Butanone	ND		ug/kg	14	--	1
4-Methyl-2-pentanone	ND		ug/kg	14	--	1
2-Hexanone	ND		ug/kg	14	--	1
Bromochloromethane	ND		ug/kg	6.8	--	1
1,2-Dibromoethane	ND		ug/kg	5.4	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.8	--	1
Isopropylbenzene	ND		ug/kg	2.7	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.8	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.8	--	1
Methyl Acetate	ND		ug/kg	27	--	1
Cyclohexane	ND		ug/kg	27	--	1
1,4-Dioxane	ND		ug/kg	140	--	1
Methyl cyclohexane	ND		ug/kg	5.4	--	1
Freon-113	ND		ug/kg	27	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	125		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	112		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212869-05	Date Collected:	07/17/12 16:30
Client ID:	S-12L-B011-16.0-16.5	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/25/12 18:16		
Analyst:	BN		
Percent Solids:	95%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	16	--	1
1,1-Dichloroethane	ND		ug/kg	3.3	--	1
Chloroform	ND		ug/kg	3.3	--	1
Carbon tetrachloride	ND		ug/kg	3.3	--	1
1,2-Dichloropropane	ND		ug/kg	6.6	--	1
Dibromochloromethane	ND		ug/kg	3.3	--	1
1,1,2-Trichloroethane	ND		ug/kg	3.3	--	1
Tetrachloroethene	ND		ug/kg	3.3	--	1
Chlorobenzene	ND		ug/kg	3.3	--	1
Trichlorofluoromethane	ND		ug/kg	8.2	--	1
1,2-Dichloroethane	ND		ug/kg	3.3	--	1
1,1,1-Trichloroethane	ND		ug/kg	3.3	--	1
Bromodichloromethane	ND		ug/kg	3.3	--	1
trans-1,3-Dichloropropene	ND		ug/kg	3.3	--	1
cis-1,3-Dichloropropene	ND		ug/kg	3.3	--	1
Bromoform	ND		ug/kg	6.6	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	3.3	--	1
Benzene	ND		ug/kg	3.3	--	1
Toluene	ND		ug/kg	3.3	--	1
Ethylbenzene	ND		ug/kg	3.3	--	1
Chloromethane	ND		ug/kg	8.2	--	1
Bromomethane	ND		ug/kg	3.3	--	1
Vinyl chloride	ND		ug/kg	3.3	--	1
Chloroethane	ND		ug/kg	3.3	--	1
1,1-Dichloroethene	ND		ug/kg	3.3	--	1
trans-1,2-Dichloroethene	ND		ug/kg	3.3	--	1
Trichloroethene	33		ug/kg	3.3	--	1
1,2-Dichlorobenzene	ND		ug/kg	8.2	--	1
1,3-Dichlorobenzene	ND		ug/kg	8.2	--	1
1,4-Dichlorobenzene	ND		ug/kg	8.2	--	1
Methyl tert butyl ether	ND		ug/kg	3.3	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212869-05 Date Collected: 07/17/12 16:30

Client ID: S-12L-B011-16.0-16.5 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	6.6	--	1
o-Xylene	ND		ug/kg	6.6	--	1
Xylenes, Total	ND		ug/kg	6.6	--	1
cis-1,2-Dichloroethene	7.7		ug/kg	3.3	--	1
Styrene	ND		ug/kg	6.6	--	1
Dichlorodifluoromethane	ND		ug/kg	16	--	1
Acetone	ND		ug/kg	59	--	1
Carbon disulfide	ND		ug/kg	16	--	1
2-Butanone	ND		ug/kg	16	--	1
4-Methyl-2-pentanone	ND		ug/kg	16	--	1
2-Hexanone	ND		ug/kg	16	--	1
Bromochloromethane	ND		ug/kg	8.2	--	1
1,2-Dibromoethane	ND		ug/kg	6.6	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	8.2	--	1
Isopropylbenzene	ND		ug/kg	3.3	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	8.2	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	8.2	--	1
Methyl Acetate	ND		ug/kg	33	--	1
Cyclohexane	ND		ug/kg	33	--	1
1,4-Dioxane	ND		ug/kg	160	--	1
Methyl cyclohexane	ND		ug/kg	6.6	--	1
Freon-113	ND		ug/kg	33	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	125		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	114		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212869-06	Date Collected:	07/17/12 17:00
Client ID:	S-12L-B011-18.5-19.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/25/12 22:56		
Analyst:	JL		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	9.7	--	1
1,1-Dichloroethane	ND		ug/kg	1.9	--	1
Chloroform	ND		ug/kg	1.9	--	1
Carbon tetrachloride	ND		ug/kg	1.9	--	1
1,2-Dichloropropane	ND		ug/kg	3.9	--	1
Dibromochloromethane	ND		ug/kg	1.9	--	1
1,1,2-Trichloroethane	ND		ug/kg	1.9	--	1
Tetrachloroethene	2.1		ug/kg	1.9	--	1
Chlorobenzene	ND		ug/kg	1.9	--	1
Trichlorofluoromethane	ND		ug/kg	4.9	--	1
1,2-Dichloroethane	ND		ug/kg	1.9	--	1
1,1,1-Trichloroethane	ND		ug/kg	1.9	--	1
Bromodichloromethane	ND		ug/kg	1.9	--	1
trans-1,3-Dichloropropene	ND		ug/kg	1.9	--	1
cis-1,3-Dichloropropene	ND		ug/kg	1.9	--	1
Bromoform	ND		ug/kg	3.9	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.9	--	1
Benzene	ND		ug/kg	1.9	--	1
Toluene	ND		ug/kg	1.9	--	1
Ethylbenzene	ND		ug/kg	1.9	--	1
Chloromethane	ND		ug/kg	4.9	--	1
Bromomethane	ND		ug/kg	1.9	--	1
Vinyl chloride	ND		ug/kg	1.9	--	1
Chloroethane	ND		ug/kg	1.9	--	1
1,1-Dichloroethene	ND		ug/kg	1.9	--	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	--	1
Trichloroethene	190		ug/kg	1.9	--	1
1,2-Dichlorobenzene	ND		ug/kg	4.9	--	1
1,3-Dichlorobenzene	ND		ug/kg	4.9	--	1
1,4-Dichlorobenzene	ND		ug/kg	4.9	--	1
Methyl tert butyl ether	ND		ug/kg	1.9	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212869-06 Date Collected: 07/17/12 17:00

Client ID: S-12L-B011-18.5-19.0 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	3.9	--	1
o-Xylene	ND		ug/kg	3.9	--	1
Xylenes, Total	ND		ug/kg	3.9	--	1
cis-1,2-Dichloroethene	180		ug/kg	1.9	--	1
Styrene	ND		ug/kg	3.9	--	1
Dichlorodifluoromethane	ND		ug/kg	9.7	--	1
Acetone	ND		ug/kg	35	--	1
Carbon disulfide	ND		ug/kg	9.7	--	1
2-Butanone	ND		ug/kg	9.7	--	1
4-Methyl-2-pentanone	ND		ug/kg	9.7	--	1
2-Hexanone	ND		ug/kg	9.7	--	1
Bromochloromethane	ND		ug/kg	4.9	--	1
1,2-Dibromoethane	ND		ug/kg	3.9	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.9	--	1
Isopropylbenzene	ND		ug/kg	1.9	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.9	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.9	--	1
Methyl Acetate	ND		ug/kg	19	--	1
Cyclohexane	ND		ug/kg	19	--	1
1,4-Dioxane	ND		ug/kg	97	--	1
Methyl cyclohexane	ND		ug/kg	3.9	--	1
Freon-113	ND		ug/kg	19	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	100		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212869-07	Date Collected:	07/17/12 17:00
Client ID:	S-12L-B011-20.0-20.5	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/25/12 23:24		
Analyst:	JL		
Percent Solids:	92%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	15	--	1
1,1-Dichloroethane	ND		ug/kg	3.0	--	1
Chloroform	ND		ug/kg	3.0	--	1
Carbon tetrachloride	ND		ug/kg	3.0	--	1
1,2-Dichloropropane	ND		ug/kg	6.0	--	1
Dibromochloromethane	ND		ug/kg	3.0	--	1
1,1,2-Trichloroethane	ND		ug/kg	3.0	--	1
Tetrachloroethene	ND		ug/kg	3.0	--	1
Chlorobenzene	ND		ug/kg	3.0	--	1
Trichlorofluoromethane	ND		ug/kg	7.5	--	1
1,2-Dichloroethane	ND		ug/kg	3.0	--	1
1,1,1-Trichloroethane	ND		ug/kg	3.0	--	1
Bromodichloromethane	ND		ug/kg	3.0	--	1
trans-1,3-Dichloropropene	ND		ug/kg	3.0	--	1
cis-1,3-Dichloropropene	ND		ug/kg	3.0	--	1
Bromoform	ND		ug/kg	6.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	3.0	--	1
Benzene	ND		ug/kg	3.0	--	1
Toluene	ND		ug/kg	3.0	--	1
Ethylbenzene	ND		ug/kg	3.0	--	1
Chloromethane	ND		ug/kg	7.5	--	1
Bromomethane	ND		ug/kg	3.0	--	1
Vinyl chloride	ND		ug/kg	3.0	--	1
Chloroethane	ND		ug/kg	3.0	--	1
1,1-Dichloroethene	ND		ug/kg	3.0	--	1
trans-1,2-Dichloroethene	ND		ug/kg	3.0	--	1
Trichloroethene	92		ug/kg	3.0	--	1
1,2-Dichlorobenzene	ND		ug/kg	7.5	--	1
1,3-Dichlorobenzene	ND		ug/kg	7.5	--	1
1,4-Dichlorobenzene	ND		ug/kg	7.5	--	1
Methyl tert butyl ether	ND		ug/kg	3.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212869-07 Date Collected: 07/17/12 17:00

Client ID: S-12L-B011-20.0-20.5 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	6.0	--	1
o-Xylene	ND		ug/kg	6.0	--	1
Xylenes, Total	ND		ug/kg	6.0	--	1
cis-1,2-Dichloroethene	61		ug/kg	3.0	--	1
Styrene	ND		ug/kg	6.0	--	1
Dichlorodifluoromethane	ND		ug/kg	15	--	1
Acetone	ND		ug/kg	54	--	1
Carbon disulfide	ND		ug/kg	15	--	1
2-Butanone	ND		ug/kg	15	--	1
4-Methyl-2-pentanone	ND		ug/kg	15	--	1
2-Hexanone	ND		ug/kg	15	--	1
Bromochloromethane	ND		ug/kg	7.5	--	1
1,2-Dibromoethane	ND		ug/kg	6.0	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.5	--	1
Isopropylbenzene	ND		ug/kg	3.0	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.5	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.5	--	1
Methyl Acetate	ND		ug/kg	30	--	1
Cyclohexane	ND		ug/kg	30	--	1
1,4-Dioxane	ND		ug/kg	150	--	1
Methyl cyclohexane	ND		ug/kg	6.0	--	1
Freon-113	ND		ug/kg	30	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	102		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212869-08	Date Collected:	07/17/12 17:00
Client ID:	S-12L-B011-21.5-22.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/25/12 23:51		
Analyst:	JL		
Percent Solids:	91%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	9.6	--	1
1,1-Dichloroethane	ND		ug/kg	1.9	--	1
Chloroform	ND		ug/kg	1.9	--	1
Carbon tetrachloride	ND		ug/kg	1.9	--	1
1,2-Dichloropropane	ND		ug/kg	3.8	--	1
Dibromochloromethane	ND		ug/kg	1.9	--	1
1,1,2-Trichloroethane	ND		ug/kg	1.9	--	1
Tetrachloroethene	ND		ug/kg	1.9	--	1
Chlorobenzene	ND		ug/kg	1.9	--	1
Trichlorofluoromethane	ND		ug/kg	4.8	--	1
1,2-Dichloroethane	ND		ug/kg	1.9	--	1
1,1,1-Trichloroethane	ND		ug/kg	1.9	--	1
Bromodichloromethane	ND		ug/kg	1.9	--	1
trans-1,3-Dichloropropene	ND		ug/kg	1.9	--	1
cis-1,3-Dichloropropene	ND		ug/kg	1.9	--	1
Bromoform	ND		ug/kg	3.8	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.9	--	1
Benzene	ND		ug/kg	1.9	--	1
Toluene	ND		ug/kg	1.9	--	1
Ethylbenzene	ND		ug/kg	1.9	--	1
Chloromethane	ND		ug/kg	4.8	--	1
Bromomethane	ND		ug/kg	1.9	--	1
Vinyl chloride	ND		ug/kg	1.9	--	1
Chloroethane	ND		ug/kg	1.9	--	1
1,1-Dichloroethene	ND		ug/kg	1.9	--	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	--	1
Trichloroethene	63		ug/kg	1.9	--	1
1,2-Dichlorobenzene	ND		ug/kg	4.8	--	1
1,3-Dichlorobenzene	ND		ug/kg	4.8	--	1
1,4-Dichlorobenzene	ND		ug/kg	4.8	--	1
Methyl tert butyl ether	ND		ug/kg	1.9	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212869-08 Date Collected: 07/17/12 17:00

Client ID: S-12L-B011-21.5-22.0 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	3.8	--	1
o-Xylene	ND		ug/kg	3.8	--	1
Xylenes, Total	ND		ug/kg	3.8	--	1
cis-1,2-Dichloroethene	45		ug/kg	1.9	--	1
Styrene	ND		ug/kg	3.8	--	1
Dichlorodifluoromethane	ND		ug/kg	9.6	--	1
Acetone	ND		ug/kg	35	--	1
Carbon disulfide	ND		ug/kg	9.6	--	1
2-Butanone	ND		ug/kg	9.6	--	1
4-Methyl-2-pentanone	ND		ug/kg	9.6	--	1
2-Hexanone	ND		ug/kg	9.6	--	1
Bromochloromethane	ND		ug/kg	4.8	--	1
1,2-Dibromoethane	ND		ug/kg	3.8	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.8	--	1
Isopropylbenzene	ND		ug/kg	1.9	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.8	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.8	--	1
Methyl Acetate	ND		ug/kg	19	--	1
Cyclohexane	ND		ug/kg	19	--	1
1,4-Dioxane	ND		ug/kg	96	--	1
Methyl cyclohexane	ND		ug/kg	3.8	--	1
Freon-113	ND		ug/kg	19	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	102		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212869-09	Date Collected:	07/17/12 17:15
Client ID:	S-12L-B011-22.0-22.5	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/25/12 15:24		
Analyst:	BN		
Percent Solids:	91%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	9.8	--	1
1,1-Dichloroethane	ND		ug/kg	2.0	--	1
Chloroform	ND		ug/kg	2.0	--	1
Carbon tetrachloride	ND		ug/kg	2.0	--	1
1,2-Dichloropropane	ND		ug/kg	3.9	--	1
Dibromochloromethane	ND		ug/kg	2.0	--	1
1,1,2-Trichloroethane	ND		ug/kg	2.0	--	1
Tetrachloroethene	ND		ug/kg	2.0	--	1
Chlorobenzene	ND		ug/kg	2.0	--	1
Trichlorofluoromethane	ND		ug/kg	4.9	--	1
1,2-Dichloroethane	ND		ug/kg	2.0	--	1
1,1,1-Trichloroethane	ND		ug/kg	2.0	--	1
Bromodichloromethane	ND		ug/kg	2.0	--	1
trans-1,3-Dichloropropene	ND		ug/kg	2.0	--	1
cis-1,3-Dichloropropene	ND		ug/kg	2.0	--	1
Bromoform	ND		ug/kg	3.9	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.0	--	1
Benzene	ND		ug/kg	2.0	--	1
Toluene	ND		ug/kg	2.0	--	1
Ethylbenzene	ND		ug/kg	2.0	--	1
Chloromethane	ND		ug/kg	4.9	--	1
Bromomethane	ND		ug/kg	2.0	--	1
Vinyl chloride	ND		ug/kg	2.0	--	1
Chloroethane	ND		ug/kg	2.0	--	1
1,1-Dichloroethene	ND		ug/kg	2.0	--	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	--	1
Trichloroethene	28		ug/kg	2.0	--	1
1,2-Dichlorobenzene	ND		ug/kg	4.9	--	1
1,3-Dichlorobenzene	ND		ug/kg	4.9	--	1
1,4-Dichlorobenzene	ND		ug/kg	4.9	--	1
Methyl tert butyl ether	ND		ug/kg	2.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212869-09 Date Collected: 07/17/12 17:15

Client ID: S-12L-B011-22.0-22.5 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	3.9	--	1
o-Xylene	ND		ug/kg	3.9	--	1
Xylenes, Total	ND		ug/kg	3.9	--	1
cis-1,2-Dichloroethene	18		ug/kg	2.0	--	1
Styrene	ND		ug/kg	3.9	--	1
Dichlorodifluoromethane	ND		ug/kg	9.8	--	1
Acetone	ND		ug/kg	35	--	1
Carbon disulfide	ND		ug/kg	9.8	--	1
2-Butanone	ND		ug/kg	9.8	--	1
4-Methyl-2-pentanone	ND		ug/kg	9.8	--	1
2-Hexanone	ND		ug/kg	9.8	--	1
Bromochloromethane	ND		ug/kg	4.9	--	1
1,2-Dibromoethane	ND		ug/kg	3.9	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.9	--	1
Isopropylbenzene	ND		ug/kg	2.0	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.9	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.9	--	1
Methyl Acetate	ND		ug/kg	20	--	1
Cyclohexane	ND		ug/kg	20	--	1
1,4-Dioxane	ND		ug/kg	98	--	1
Methyl cyclohexane	ND		ug/kg	3.9	--	1
Freon-113	ND		ug/kg	20	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	110		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212869-10	Date Collected:	07/17/12 17:15
Client ID:	S-12L-B011-25.5-26.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/25/12 15:58		
Analyst:	BN		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	13	--	1
1,1-Dichloroethane	ND		ug/kg	2.6	--	1
Chloroform	ND		ug/kg	2.6	--	1
Carbon tetrachloride	ND		ug/kg	2.6	--	1
1,2-Dichloropropane	ND		ug/kg	5.3	--	1
Dibromochloromethane	ND		ug/kg	2.6	--	1
1,1,2-Trichloroethane	ND		ug/kg	2.6	--	1
Tetrachloroethene	ND		ug/kg	2.6	--	1
Chlorobenzene	ND		ug/kg	2.6	--	1
Trichlorofluoromethane	ND		ug/kg	6.6	--	1
1,2-Dichloroethane	ND		ug/kg	2.6	--	1
1,1,1-Trichloroethane	ND		ug/kg	2.6	--	1
Bromodichloromethane	ND		ug/kg	2.6	--	1
trans-1,3-Dichloropropene	ND		ug/kg	2.6	--	1
cis-1,3-Dichloropropene	ND		ug/kg	2.6	--	1
Bromoform	ND		ug/kg	5.3	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.6	--	1
Benzene	ND		ug/kg	2.6	--	1
Toluene	ND		ug/kg	2.6	--	1
Ethylbenzene	ND		ug/kg	2.6	--	1
Chloromethane	ND		ug/kg	6.6	--	1
Bromomethane	ND		ug/kg	2.6	--	1
Vinyl chloride	ND		ug/kg	2.6	--	1
Chloroethane	ND		ug/kg	2.6	--	1
1,1-Dichloroethene	ND		ug/kg	2.6	--	1
trans-1,2-Dichloroethene	ND		ug/kg	2.6	--	1
Trichloroethene	23		ug/kg	2.6	--	1
1,2-Dichlorobenzene	ND		ug/kg	6.6	--	1
1,3-Dichlorobenzene	ND		ug/kg	6.6	--	1
1,4-Dichlorobenzene	ND		ug/kg	6.6	--	1
Methyl tert butyl ether	ND		ug/kg	2.6	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212869-10 Date Collected: 07/17/12 17:15

Client ID: S-12L-B011-25.5-26.0 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	5.3	--	1
o-Xylene	ND		ug/kg	5.3	--	1
Xylenes, Total	ND		ug/kg	5.3	--	1
cis-1,2-Dichloroethene	12		ug/kg	2.6	--	1
Styrene	ND		ug/kg	5.3	--	1
Dichlorodifluoromethane	ND		ug/kg	13	--	1
Acetone	ND		ug/kg	48	--	1
Carbon disulfide	ND		ug/kg	13	--	1
2-Butanone	ND		ug/kg	13	--	1
4-Methyl-2-pentanone	ND		ug/kg	13	--	1
2-Hexanone	ND		ug/kg	13	--	1
Bromochloromethane	ND		ug/kg	6.6	--	1
1,2-Dibromoethane	ND		ug/kg	5.3	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.6	--	1
Isopropylbenzene	ND		ug/kg	2.6	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.6	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.6	--	1
Methyl Acetate	ND		ug/kg	26	--	1
Cyclohexane	ND		ug/kg	26	--	1
1,4-Dioxane	ND		ug/kg	130	--	1
Methyl cyclohexane	ND		ug/kg	5.3	--	1
Freon-113	ND		ug/kg	26	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	111		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212869-11	Date Collected:	07/19/12 07:00
Client ID:	TB-071912-02	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/24/12 19:44		
Analyst:	BN		
Percent Solids:	Results reported on an 'AS RECEIVED' basis.		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	10	--	1
1,1-Dichloroethane	ND		ug/kg	2.0	--	1
Chloroform	ND		ug/kg	2.0	--	1
Carbon tetrachloride	ND		ug/kg	2.0	--	1
1,2-Dichloropropane	ND		ug/kg	4.0	--	1
Dibromochloromethane	ND		ug/kg	2.0	--	1
1,1,2-Trichloroethane	ND		ug/kg	2.0	--	1
Tetrachloroethene	ND		ug/kg	2.0	--	1
Chlorobenzene	ND		ug/kg	2.0	--	1
Trichlorofluoromethane	ND		ug/kg	5.0	--	1
1,2-Dichloroethane	ND		ug/kg	2.0	--	1
1,1,1-Trichloroethane	ND		ug/kg	2.0	--	1
Bromodichloromethane	ND		ug/kg	2.0	--	1
trans-1,3-Dichloropropene	ND		ug/kg	2.0	--	1
cis-1,3-Dichloropropene	ND		ug/kg	2.0	--	1
Bromoform	ND		ug/kg	4.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.0	--	1
Benzene	ND		ug/kg	2.0	--	1
Toluene	ND		ug/kg	2.0	--	1
Ethylbenzene	ND		ug/kg	2.0	--	1
Chloromethane	ND		ug/kg	5.0	--	1
Bromomethane	ND		ug/kg	2.0	--	1
Vinyl chloride	ND		ug/kg	2.0	--	1
Chloroethane	ND		ug/kg	2.0	--	1
1,1-Dichloroethene	ND		ug/kg	2.0	--	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	--	1
Trichloroethene	2.6		ug/kg	2.0	--	1
1,2-Dichlorobenzene	ND		ug/kg	5.0	--	1
1,3-Dichlorobenzene	ND		ug/kg	5.0	--	1
1,4-Dichlorobenzene	ND		ug/kg	5.0	--	1
Methyl tert butyl ether	ND		ug/kg	2.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212869-11 Date Collected: 07/19/12 07:00

Client ID: TB-071912-02 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	4.0	--	1
o-Xylene	ND		ug/kg	4.0	--	1
Xylenes, Total	ND		ug/kg	4.0	--	1
cis-1,2-Dichloroethene	ND		ug/kg	2.0	--	1
Styrene	ND		ug/kg	4.0	--	1
Dichlorodifluoromethane	ND		ug/kg	10	--	1
Acetone	ND		ug/kg	36	--	1
Carbon disulfide	ND		ug/kg	10	--	1
2-Butanone	ND		ug/kg	10	--	1
4-Methyl-2-pentanone	ND		ug/kg	10	--	1
2-Hexanone	ND		ug/kg	10	--	1
Bromochloromethane	ND		ug/kg	5.0	--	1
1,2-Dibromoethane	ND		ug/kg	4.0	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	--	1
Isopropylbenzene	ND		ug/kg	2.0	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	--	1
Methyl Acetate	ND		ug/kg	20	--	1
Cyclohexane	ND		ug/kg	20	--	1
1,4-Dioxane	ND		ug/kg	100	--	1
Methyl cyclohexane	ND		ug/kg	4.0	--	1
Freon-113	ND		ug/kg	20	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	100		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212869-11 R	Date Collected:	07/19/12 07:00
Client ID:	TB-071912-02	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	08/03/12 10:26		
Analyst:	BN		
Percent Solids:	Results reported on an 'AS RECEIVED' basis.		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	10	--	1
1,1-Dichloroethane	ND		ug/kg	2.0	--	1
Chloroform	ND		ug/kg	2.0	--	1
Carbon tetrachloride	ND		ug/kg	2.0	--	1
1,2-Dichloropropane	ND		ug/kg	4.0	--	1
Dibromochloromethane	ND		ug/kg	2.0	--	1
1,1,2-Trichloroethane	ND		ug/kg	2.0	--	1
Tetrachloroethene	ND		ug/kg	2.0	--	1
Chlorobenzene	ND		ug/kg	2.0	--	1
Trichlorofluoromethane	ND		ug/kg	5.0	--	1
1,2-Dichloroethane	ND		ug/kg	2.0	--	1
1,1,1-Trichloroethane	ND		ug/kg	2.0	--	1
Bromodichloromethane	ND		ug/kg	2.0	--	1
trans-1,3-Dichloropropene	ND		ug/kg	2.0	--	1
cis-1,3-Dichloropropene	ND		ug/kg	2.0	--	1
Bromoform	ND		ug/kg	4.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.0	--	1
Benzene	ND		ug/kg	2.0	--	1
Toluene	ND		ug/kg	2.0	--	1
Ethylbenzene	ND		ug/kg	2.0	--	1
Chloromethane	ND		ug/kg	5.0	--	1
Bromomethane	ND		ug/kg	2.0	--	1
Vinyl chloride	ND		ug/kg	2.0	--	1
Chloroethane	ND		ug/kg	2.0	--	1
1,1-Dichloroethene	ND		ug/kg	2.0	--	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	--	1
Trichloroethene	ND		ug/kg	2.0	--	1
1,2-Dichlorobenzene	ND		ug/kg	5.0	--	1
1,3-Dichlorobenzene	ND		ug/kg	5.0	--	1
1,4-Dichlorobenzene	ND		ug/kg	5.0	--	1
Methyl tert butyl ether	ND		ug/kg	2.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212869-11 R Date Collected: 07/19/12 07:00

Client ID: TB-071912-02 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	4.0	--	1
o-Xylene	ND		ug/kg	4.0	--	1
Xylenes, Total	ND		ug/kg	4.0	--	1
cis-1,2-Dichloroethene	ND		ug/kg	2.0	--	1
Styrene	ND		ug/kg	4.0	--	1
Dichlorodifluoromethane	ND		ug/kg	10	--	1
Acetone	ND		ug/kg	36	--	1
Carbon disulfide	ND		ug/kg	10	--	1
2-Butanone	ND		ug/kg	10	--	1
4-Methyl-2-pentanone	ND		ug/kg	10	--	1
2-Hexanone	ND		ug/kg	10	--	1
Bromochloromethane	ND		ug/kg	5.0	--	1
1,2-Dibromoethane	ND		ug/kg	4.0	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	--	1
Isopropylbenzene	ND		ug/kg	2.0	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	--	1
Methyl Acetate	ND		ug/kg	20	--	1
Cyclohexane	ND		ug/kg	20	--	1
1,4-Dioxane	ND		ug/kg	100	--	1
Methyl cyclohexane	ND		ug/kg	4.0	--	1
Freon-113	ND		ug/kg	20	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	84		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	99		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/24/12 09:34
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 02,11 Batch: WG550848-3					
Methylene chloride	ND		ug/kg	10	--
1,1-Dichloroethane	ND		ug/kg	2.0	--
Chloroform	ND		ug/kg	2.0	--
Carbon tetrachloride	ND		ug/kg	2.0	--
1,2-Dichloropropane	ND		ug/kg	4.0	--
Dibromochloromethane	ND		ug/kg	2.0	--
1,1,2-Trichloroethane	ND		ug/kg	2.0	--
Tetrachloroethene	ND		ug/kg	2.0	--
Chlorobenzene	ND		ug/kg	2.0	--
Trichlorofluoromethane	ND		ug/kg	5.0	--
1,2-Dichloroethane	ND		ug/kg	2.0	--
1,1,1-Trichloroethane	ND		ug/kg	2.0	--
Bromodichloromethane	ND		ug/kg	2.0	--
trans-1,3-Dichloropropene	ND		ug/kg	2.0	--
cis-1,3-Dichloropropene	ND		ug/kg	2.0	--
Bromoform	ND		ug/kg	4.0	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.0	--
Benzene	ND		ug/kg	2.0	--
Toluene	ND		ug/kg	2.0	--
Ethylbenzene	ND		ug/kg	2.0	--
Chloromethane	ND		ug/kg	5.0	--
Bromomethane	ND		ug/kg	2.0	--
Vinyl chloride	ND		ug/kg	2.0	--
Chloroethane	ND		ug/kg	2.0	--
1,1-Dichloroethene	ND		ug/kg	2.0	--
trans-1,2-Dichloroethene	ND		ug/kg	2.0	--
Trichloroethene	ND		ug/kg	2.0	--
1,2-Dichlorobenzene	ND		ug/kg	5.0	--
1,3-Dichlorobenzene	ND		ug/kg	5.0	--
1,4-Dichlorobenzene	ND		ug/kg	5.0	--
Methyl tert butyl ether	ND		ug/kg	2.0	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/24/12 09:34
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 02,11 Batch: WG550848-3					
p/m-Xylene	ND		ug/kg	4.0	--
o-Xylene	ND		ug/kg	4.0	--
Xylenes, Total	ND		ug/kg	4.0	--
cis-1,2-Dichloroethene	ND		ug/kg	2.0	--
Styrene	ND		ug/kg	4.0	--
Dichlorodifluoromethane	ND		ug/kg	10	--
Acetone	ND		ug/kg	36	--
Carbon disulfide	ND		ug/kg	10	--
2-Butanone	ND		ug/kg	10	--
4-Methyl-2-pentanone	ND		ug/kg	10	--
2-Hexanone	ND		ug/kg	10	--
Bromochloromethane	ND		ug/kg	5.0	--
1,2-Dibromoethane	ND		ug/kg	4.0	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	--
Isopropylbenzene	ND		ug/kg	2.0	--
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	--
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	--
Methyl Acetate	ND		ug/kg	20	--
Cyclohexane	ND		ug/kg	20	--
1,4-Dioxane	ND		ug/kg	100	--
Methyl cyclohexane	ND		ug/kg	4.0	--
Freon-113	ND		ug/kg	20	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	101		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 08/03/12 09:58
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 11 Batch: WG550848-6					
Methylene chloride	ND		ug/kg	10	--
1,1-Dichloroethane	ND		ug/kg	2.0	--
Chloroform	ND		ug/kg	2.0	--
Carbon tetrachloride	ND		ug/kg	2.0	--
1,2-Dichloropropane	ND		ug/kg	4.0	--
Dibromochloromethane	ND		ug/kg	2.0	--
1,1,2-Trichloroethane	ND		ug/kg	2.0	--
Tetrachloroethene	ND		ug/kg	2.0	--
Chlorobenzene	ND		ug/kg	2.0	--
Trichlorofluoromethane	ND		ug/kg	5.0	--
1,2-Dichloroethane	ND		ug/kg	2.0	--
1,1,1-Trichloroethane	ND		ug/kg	2.0	--
Bromodichloromethane	ND		ug/kg	2.0	--
trans-1,3-Dichloropropene	ND		ug/kg	2.0	--
cis-1,3-Dichloropropene	ND		ug/kg	2.0	--
Bromoform	ND		ug/kg	4.0	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.0	--
Benzene	ND		ug/kg	2.0	--
Toluene	ND		ug/kg	2.0	--
Ethylbenzene	ND		ug/kg	2.0	--
Chloromethane	ND		ug/kg	5.0	--
Bromomethane	ND		ug/kg	2.0	--
Vinyl chloride	ND		ug/kg	2.0	--
Chloroethane	ND		ug/kg	2.0	--
1,1-Dichloroethene	ND		ug/kg	2.0	--
trans-1,2-Dichloroethene	ND		ug/kg	2.0	--
Trichloroethene	ND		ug/kg	2.0	--
1,2-Dichlorobenzene	ND		ug/kg	5.0	--
1,3-Dichlorobenzene	ND		ug/kg	5.0	--
1,4-Dichlorobenzene	ND		ug/kg	5.0	--
Methyl tert butyl ether	ND		ug/kg	2.0	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 08/03/12 09:58
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 11 Batch: WG550848-6					
p/m-Xylene	ND		ug/kg	4.0	--
o-Xylene	ND		ug/kg	4.0	--
Xylenes, Total	ND		ug/kg	4.0	--
cis-1,2-Dichloroethene	ND		ug/kg	2.0	--
Styrene	ND		ug/kg	4.0	--
Dichlorodifluoromethane	ND		ug/kg	10	--
Acetone	ND		ug/kg	36	--
Carbon disulfide	ND		ug/kg	10	--
2-Butanone	ND		ug/kg	10	--
4-Methyl-2-pentanone	ND		ug/kg	10	--
2-Hexanone	ND		ug/kg	10	--
Bromochloromethane	ND		ug/kg	5.0	--
1,2-Dibromoethane	ND		ug/kg	4.0	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	--
Isopropylbenzene	ND		ug/kg	2.0	--
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	--
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	--
Methyl Acetate	ND		ug/kg	20	--
Cyclohexane	ND		ug/kg	20	--
1,4-Dioxane	ND		ug/kg	100	--
Methyl cyclohexane	ND		ug/kg	4.0	--
Freon-113	ND		ug/kg	20	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	105		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/25/12 21:31
Analyst: JL

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 06-08 Batch: WG551024-3					
Methylene chloride	ND		ug/kg	10	--
1,1-Dichloroethane	ND		ug/kg	2.0	--
Chloroform	ND		ug/kg	2.0	--
Carbon tetrachloride	ND		ug/kg	2.0	--
1,2-Dichloropropane	ND		ug/kg	4.0	--
Dibromochloromethane	ND		ug/kg	2.0	--
1,1,2-Trichloroethane	ND		ug/kg	2.0	--
Tetrachloroethene	ND		ug/kg	2.0	--
Chlorobenzene	ND		ug/kg	2.0	--
Trichlorofluoromethane	ND		ug/kg	5.0	--
1,2-Dichloroethane	ND		ug/kg	2.0	--
1,1,1-Trichloroethane	ND		ug/kg	2.0	--
Bromodichloromethane	ND		ug/kg	2.0	--
trans-1,3-Dichloropropene	ND		ug/kg	2.0	--
cis-1,3-Dichloropropene	ND		ug/kg	2.0	--
Bromoform	ND		ug/kg	4.0	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.0	--
Benzene	ND		ug/kg	2.0	--
Toluene	ND		ug/kg	2.0	--
Ethylbenzene	ND		ug/kg	2.0	--
Chloromethane	ND		ug/kg	5.0	--
Bromomethane	ND		ug/kg	2.0	--
Vinyl chloride	ND		ug/kg	2.0	--
Chloroethane	ND		ug/kg	2.0	--
1,1-Dichloroethene	ND		ug/kg	2.0	--
trans-1,2-Dichloroethene	ND		ug/kg	2.0	--
Trichloroethene	ND		ug/kg	2.0	--
1,2-Dichlorobenzene	ND		ug/kg	5.0	--
1,3-Dichlorobenzene	ND		ug/kg	5.0	--
1,4-Dichlorobenzene	ND		ug/kg	5.0	--
Methyl tert butyl ether	ND		ug/kg	2.0	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/25/12 21:31
Analyst: JL

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 06-08 Batch: WG551024-3					
p/m-Xylene	ND		ug/kg	4.0	--
o-Xylene	ND		ug/kg	4.0	--
Xylenes, Total	ND		ug/kg	4.0	--
cis-1,2-Dichloroethene	ND		ug/kg	2.0	--
Styrene	ND		ug/kg	4.0	--
Dichlorodifluoromethane	ND		ug/kg	10	--
Acetone	ND		ug/kg	36	--
Carbon disulfide	ND		ug/kg	10	--
2-Butanone	ND		ug/kg	10	--
4-Methyl-2-pentanone	ND		ug/kg	10	--
2-Hexanone	ND		ug/kg	10	--
Bromochloromethane	ND		ug/kg	5.0	--
1,2-Dibromoethane	ND		ug/kg	4.0	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	--
Isopropylbenzene	ND		ug/kg	2.0	--
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	--
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	--
Methyl Acetate	ND		ug/kg	20	--
Cyclohexane	ND		ug/kg	20	--
1,4-Dioxane	ND		ug/kg	100	--
Methyl cyclohexane	ND		ug/kg	4.0	--
Freon-113	ND		ug/kg	20	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	101		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/26/12 08:49
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 01 Batch: WG551181-3					
Methylene chloride	ND		ug/kg	500	--
1,1-Dichloroethane	ND		ug/kg	100	--
Chloroform	ND		ug/kg	100	--
Carbon tetrachloride	ND		ug/kg	100	--
1,2-Dichloropropane	ND		ug/kg	200	--
Dibromochloromethane	ND		ug/kg	100	--
1,1,2-Trichloroethane	ND		ug/kg	100	--
Tetrachloroethene	ND		ug/kg	100	--
Chlorobenzene	ND		ug/kg	100	--
Trichlorofluoromethane	ND		ug/kg	250	--
1,2-Dichloroethane	ND		ug/kg	100	--
1,1,1-Trichloroethane	ND		ug/kg	100	--
Bromodichloromethane	ND		ug/kg	100	--
trans-1,3-Dichloropropene	ND		ug/kg	100	--
cis-1,3-Dichloropropene	ND		ug/kg	100	--
Bromoform	ND		ug/kg	200	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	100	--
Benzene	ND		ug/kg	100	--
Toluene	ND		ug/kg	100	--
Ethylbenzene	ND		ug/kg	100	--
Chloromethane	ND		ug/kg	250	--
Bromomethane	ND		ug/kg	100	--
Vinyl chloride	ND		ug/kg	100	--
Chloroethane	ND		ug/kg	100	--
1,1-Dichloroethene	ND		ug/kg	100	--
trans-1,2-Dichloroethene	ND		ug/kg	100	--
Trichloroethene	ND		ug/kg	100	--
1,2-Dichlorobenzene	ND		ug/kg	250	--
1,3-Dichlorobenzene	ND		ug/kg	250	--
1,4-Dichlorobenzene	ND		ug/kg	250	--
Methyl tert butyl ether	ND		ug/kg	100	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/26/12 08:49
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 01 Batch: WG551181-3					
p/m-Xylene	ND		ug/kg	200	--
o-Xylene	ND		ug/kg	200	--
Xylenes, Total	ND		ug/kg	200	--
cis-1,2-Dichloroethene	ND		ug/kg	100	--
Styrene	ND		ug/kg	200	--
Dichlorodifluoromethane	ND		ug/kg	500	--
Acetone	ND		ug/kg	1800	--
Carbon disulfide	ND		ug/kg	500	--
2-Butanone	ND		ug/kg	500	--
4-Methyl-2-pentanone	ND		ug/kg	500	--
2-Hexanone	ND		ug/kg	500	--
Bromochloromethane	ND		ug/kg	250	--
1,2-Dibromoethane	ND		ug/kg	200	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	--
Isopropylbenzene	ND		ug/kg	100	--
1,2,3-Trichlorobenzene	ND		ug/kg	250	--
1,2,4-Trichlorobenzene	ND		ug/kg	250	--
Methyl Acetate	ND		ug/kg	1000	--
Cyclohexane	ND		ug/kg	1000	--
1,4-Dioxane	ND		ug/kg	5000	--
Methyl cyclohexane	ND		ug/kg	200	--
Freon-113	ND		ug/kg	1000	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	100		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/25/12 09:06
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 03-05,09-10 Batch: WG551196-3					
Methylene chloride	ND		ug/kg	10	--
1,1-Dichloroethane	ND		ug/kg	2.0	--
Chloroform	ND		ug/kg	2.0	--
Carbon tetrachloride	ND		ug/kg	2.0	--
1,2-Dichloropropane	ND		ug/kg	4.0	--
Dibromochloromethane	ND		ug/kg	2.0	--
1,1,2-Trichloroethane	ND		ug/kg	2.0	--
Tetrachloroethene	ND		ug/kg	2.0	--
Chlorobenzene	ND		ug/kg	2.0	--
Trichlorofluoromethane	ND		ug/kg	5.0	--
1,2-Dichloroethane	ND		ug/kg	2.0	--
1,1,1-Trichloroethane	ND		ug/kg	2.0	--
Bromodichloromethane	ND		ug/kg	2.0	--
trans-1,3-Dichloropropene	ND		ug/kg	2.0	--
cis-1,3-Dichloropropene	ND		ug/kg	2.0	--
Bromoform	ND		ug/kg	4.0	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.0	--
Benzene	ND		ug/kg	2.0	--
Toluene	ND		ug/kg	2.0	--
Ethylbenzene	ND		ug/kg	2.0	--
Chloromethane	ND		ug/kg	5.0	--
Bromomethane	ND		ug/kg	2.0	--
Vinyl chloride	ND		ug/kg	2.0	--
Chloroethane	ND		ug/kg	2.0	--
1,1-Dichloroethene	ND		ug/kg	2.0	--
trans-1,2-Dichloroethene	ND		ug/kg	2.0	--
Trichloroethene	ND		ug/kg	2.0	--
1,2-Dichlorobenzene	ND		ug/kg	5.0	--
1,3-Dichlorobenzene	ND		ug/kg	5.0	--
1,4-Dichlorobenzene	ND		ug/kg	5.0	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/25/12 09:06
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 03-05,09-10 Batch: WG551196-3					
Methyl tert butyl ether	ND		ug/kg	2.0	--
p/m-Xylene	ND		ug/kg	4.0	--
o-Xylene	ND		ug/kg	4.0	--
Xylenes, Total	ND		ug/kg	4.0	--
cis-1,2-Dichloroethene	ND		ug/kg	2.0	--
Styrene	ND		ug/kg	4.0	--
Dichlorodifluoromethane	ND		ug/kg	10	--
Acetone	ND		ug/kg	36	--
Carbon disulfide	ND		ug/kg	10	--
2-Butanone	ND		ug/kg	10	--
4-Methyl-2-pentanone	ND		ug/kg	10	--
2-Hexanone	ND		ug/kg	10	--
Bromochloromethane	ND		ug/kg	5.0	--
1,2-Dibromoethane	ND		ug/kg	4.0	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	--
Isopropylbenzene	ND		ug/kg	2.0	--
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	--
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	--
Methyl Acetate	ND		ug/kg	20	--
Cyclohexane	ND		ug/kg	20	--
1,4-Dioxane	ND		ug/kg	100	--
Methyl cyclohexane	ND		ug/kg	4.0	--
Freon-113	ND		ug/kg	20	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/25/12 09:06
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 03-05,09-10 Batch: WG551196-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	108		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212869

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 02,11 Batch: WG550848-1 WG550848-2								
Methylene chloride	105		98		70-130	7		30
1,1-Dichloroethane	106		100		70-130	6		30
Chloroform	105		100		70-130	5		30
Carbon tetrachloride	112		105		70-130	6		30
1,2-Dichloropropane	105		99		70-130	6		30
Dibromochloromethane	106		104		70-130	2		30
1,1,2-Trichloroethane	104		102		70-130	2		30
Tetrachloroethene	113		107		70-130	5		30
Chlorobenzene	108		104		70-130	4		30
Trichlorofluoromethane	116		106		70-139	9		30
1,2-Dichloroethane	105		100		70-130	5		30
1,1,1-Trichloroethane	110		102		70-130	8		30
Bromodichloromethane	102		98		70-130	4		30
trans-1,3-Dichloropropene	104		103		70-130	1		30
cis-1,3-Dichloropropene	102		99		70-130	3		30
Bromoform	110		107		70-130	3		30
1,1,2,2-Tetrachloroethane	108		106		70-130	2		30
Benzene	105		99		70-130	6		30
Toluene	105		101		70-130	4		30
Ethylbenzene	107		103		70-130	4		30
Chloromethane	106		99		52-130	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212869

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 02,11 Batch: WG550848-1 WG550848-2								
Bromomethane	136		123		57-147	10		30
Vinyl chloride	106		98		67-130	8		30
Chloroethane	110		102		50-151	8		30
1,1-Dichloroethene	107		99		65-135	8		30
trans-1,2-Dichloroethene	106		100		70-130	6		30
Trichloroethene	106		98		70-130	8		30
1,2-Dichlorobenzene	111		106		70-130	5		30
1,3-Dichlorobenzene	112		107		70-130	5		30
1,4-Dichlorobenzene	111		107		70-130	4		30
Methyl tert butyl ether	102		99		66-130	3		30
p/m-Xylene	109		105		70-130	4		30
o-Xylene	109		106		70-130	3		30
cis-1,2-Dichloroethene	104		99		70-130	5		30
Styrene	107		104		70-130	3		30
Dichlorodifluoromethane	112		104		30-146	7		30
Acetone	107		101		54-140	6		30
Carbon disulfide	105		98		59-130	7		30
2-Butanone	110		107		70-130	3		30
4-Methyl-2-pentanone	103		100		70-130	3		30
2-Hexanone	101		103		70-130	2		30
Bromochloromethane	106		102		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212869

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 02,11 Batch: WG550848-1 WG550848-2								
1,2-Dibromoethane	105		104		70-130	1		30
1,2-Dibromo-3-chloropropane	109		106		68-130	3		30
Isopropylbenzene	108		105		70-130	3		30
1,2,3-Trichlorobenzene	110		107		70-130	3		30
1,2,4-Trichlorobenzene	112		107		70-130	5		30
Methyl Acetate	102		100		65-130	2		30
Cyclohexane	110		101		70-130	9		30
1,4-Dioxane	108		110		65-136	2		30
Methyl cyclohexane	111		102		70-130	8		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	114		104		70-130	9		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		100		70-130
Toluene-d8	101		102		70-130
4-Bromofluorobenzene	100		100		70-130
Dibromofluoromethane	101		102		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212869

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 11 Batch: WG550848-4 WG550848-5								
Methylene chloride	**140**	Q	**140**	Q	70-130	29		30
1,1-Dichloroethane	99		114		70-130	7		30
Chloroform	101		114		70-130	8		30
Carbon tetrachloride	93		117		70-130	4		30
1,2-Dichloropropane	102		114		70-130	8		30
Dibromochloromethane	100		106		70-130	0		30
1,1,2-Trichloroethane	97		102		70-130	2		30
Tetrachloroethene	85		107		70-130	5		30
Chlorobenzene	91		104		70-130	4		30
Trichlorofluoromethane	89		124		70-139	7		30
1,2-Dichloroethane	107		113		70-130	7		30
1,1,1-Trichloroethane	94		116		70-130	5		30
Bromodichloromethane	104		115		70-130	12		30
trans-1,3-Dichloropropene	93		99		70-130	5		30
cis-1,3-Dichloropropene	104		114		70-130	11		30
Bromoform	96		98		70-130	12		30
1,1,2,2-Tetrachloroethane	90		94		70-130	14		30
Benzene	97		112		70-130	6		30
Toluene	84		99		70-130	6		30
Ethylbenzene	86		101		70-130	6		30
Chloromethane	87		106		52-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212869

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 11 Batch: WG550848-4 WG550848-5								
Bromomethane	98		124		57-147	9		30
Vinyl chloride	96		121		67-130	13		30
Chloroethane	100		121		50-151	10		30
1,1-Dichloroethene	91		115		65-135	7		30
trans-1,2-Dichloroethene	98		117		70-130	10		30
Trichloroethene	96		116		70-130	9		30
1,2-Dichlorobenzene	89		97		70-130	13		30
1,3-Dichlorobenzene	88		98		70-130	13		30
1,4-Dichlorobenzene	88		98		70-130	12		30
Methyl tert butyl ether	108		110		66-130	8		30
p/m-Xylene	87		104		70-130	5		30
o-Xylene	92		103		70-130	6		30
cis-1,2-Dichloroethene	103		117		70-130	12		30
Styrene	93		104		70-130	3		30
Dichlorodifluoromethane	69		99		30-146	12		30
Acetone	133		136		54-140	24		30
Carbon disulfide	89		111		59-130	6		30
2-Butanone	110		116		70-130	5		30
4-Methyl-2-pentanone	111		112		70-130	8		30
2-Hexanone	92		97		70-130	4		30
Bromochloromethane	114		122		70-130	14		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212869

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 11 Batch: WG550848-4 WG550848-5								
1,2-Dibromoethane	98		102		70-130	3		30
1,2-Dibromo-3-chloropropane	97		120		68-130	10		30
Isopropylbenzene	78		94		70-130	14		30
1,2,3-Trichlorobenzene	98		104		70-130	6		30
1,2,4-Trichlorobenzene	94		102		70-130	9		30
Methyl Acetate	108		110		65-130	8		30
Cyclohexane	75		109		70-130	1		30
1,4-Dioxane	123		117		65-136	8		30
Methyl cyclohexane	72		108		70-130	3		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	78		115		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		95		70-130
Toluene-d8	90		90		70-130
4-Bromofluorobenzene	93		94		70-130
Dibromofluoromethane	101		102		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212869

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 06-08 Batch: WG551024-1 WG551024-2								
Methylene chloride	108		109		70-130	1		30
1,1-Dichloroethane	105		104		70-130	1		30
Chloroform	105		106		70-130	1		30
Carbon tetrachloride	106		105		70-130	1		30
1,2-Dichloropropane	105		105		70-130	0		30
Dibromochloromethane	98		100		70-130	2		30
1,1,2-Trichloroethane	97		98		70-130	1		30
Tetrachloroethene	102		100		70-130	2		30
Chlorobenzene	99		98		70-130	1		30
Trichlorofluoromethane	114		113		70-139	1		30
1,2-Dichloroethane	104		105		70-130	1		30
1,1,1-Trichloroethane	106		105		70-130	1		30
Bromodichloromethane	104		105		70-130	1		30
trans-1,3-Dichloropropene	94		96		70-130	2		30
cis-1,3-Dichloropropene	104		104		70-130	0		30
Bromoform	95		98		70-130	3		30
1,1,2,2-Tetrachloroethane	93		95		70-130	2		30
Benzene	105		104		70-130	1		30
Toluene	95		94		70-130	1		30
Ethylbenzene	99		97		70-130	2		30
Chloromethane	101		100		52-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212869

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 06-08 Batch: WG551024-1 WG551024-2								
Bromomethane	107		106		57-147	1		30
Vinyl chloride	112		112		67-130	0		30
Chloroethane	119		111		50-151	7		30
1,1-Dichloroethene	107		108		65-135	1		30
trans-1,2-Dichloroethene	108		110		70-130	2		30
Trichloroethene	109		107		70-130	2		30
1,2-Dichlorobenzene	96		96		70-130	0		30
1,3-Dichlorobenzene	98		97		70-130	1		30
1,4-Dichlorobenzene	98		97		70-130	1		30
Methyl tert butyl ether	100		103		66-130	3		30
p/m-Xylene	100		99		70-130	1		30
o-Xylene	101		99		70-130	2		30
cis-1,2-Dichloroethene	108		109		70-130	1		30
Styrene	101		99		70-130	2		30
Dichlorodifluoromethane	96		95		30-146	1		30
Acetone	127		124		54-140	2		30
Carbon disulfide	105		104		59-130	1		30
2-Butanone	106		105		70-130	1		30
4-Methyl-2-pentanone	106		105		70-130	1		30
2-Hexanone	94		94		70-130	0		30
Bromochloromethane	112		113		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212869

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 06-08 Batch: WG551024-1 WG551024-2								
1,2-Dibromoethane	98		99		70-130	1		30
1,2-Dibromo-3-chloropropane	95		98		68-130	3		30
Isopropylbenzene	95		94		70-130	1		30
1,2,3-Trichlorobenzene	100		99		70-130	1		30
1,2,4-Trichlorobenzene	100		98		70-130	2		30
Methyl Acetate	100		102		65-130	2		30
Cyclohexane	103		101		70-130	2		30
1,4-Dioxane	108		111		65-136	3		30
Methyl cyclohexane	104		102		70-130	2		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	104		104		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		97		70-130
Toluene-d8	93		94		70-130
4-Bromofluorobenzene	95		96		70-130
Dibromofluoromethane	102		101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212869

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 01 Batch: WG551181-1 WG551181-2								
Methylene chloride	102		100		70-130	2		30
1,1-Dichloroethane	106		105		70-130	1		30
Chloroform	106		106		70-130	0		30
Carbon tetrachloride	115		116		70-130	1		30
1,2-Dichloropropane	103		102		70-130	1		30
Dibromochloromethane	109		107		70-130	2		30
1,1,2-Trichloroethane	105		103		70-130	2		30
Tetrachloroethene	112		113		70-130	1		30
Chlorobenzene	108		107		70-130	1		30
Trichlorofluoromethane	120		121		70-139	1		30
1,2-Dichloroethane	107		105		70-130	2		30
1,1,1-Trichloroethane	112		112		70-130	0		30
Bromodichloromethane	106		104		70-130	2		30
trans-1,3-Dichloropropene	104		103		70-130	1		30
cis-1,3-Dichloropropene	102		100		70-130	2		30
Bromoform	110		109		70-130	1		30
1,1,2,2-Tetrachloroethane	105		106		70-130	1		30
Benzene	103		103		70-130	0		30
Toluene	103		102		70-130	1		30
Ethylbenzene	106		105		70-130	1		30
Chloromethane	105		107		52-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212869

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 01 Batch: WG551181-1 WG551181-2								
Bromomethane	125		137		57-147	9		30
Vinyl chloride	102		103		67-130	1		30
Chloroethane	104		104		50-151	0		30
1,1-Dichloroethene	104		105		65-135	1		30
trans-1,2-Dichloroethene	105		106		70-130	1		30
Trichloroethene	106		107		70-130	1		30
1,2-Dichlorobenzene	110		109		70-130	1		30
1,3-Dichlorobenzene	110		110		70-130	0		30
1,4-Dichlorobenzene	110		109		70-130	1		30
Methyl tert butyl ether	102		101		66-130	1		30
p/m-Xylene	108		107		70-130	1		30
o-Xylene	108		106		70-130	2		30
cis-1,2-Dichloroethene	104		102		70-130	2		30
Styrene	107		105		70-130	2		30
Dichlorodifluoromethane	110		113		30-146	3		30
Acetone	108		114		54-140	5		30
Carbon disulfide	102		103		59-130	1		30
2-Butanone	110		110		70-130	0		30
4-Methyl-2-pentanone	103		103		70-130	0		30
2-Hexanone	102		104		70-130	2		30
Bromochloromethane	107		107		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212869

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 01 Batch: WG551181-1 WG551181-2								
1,2-Dibromoethane	107		104		70-130	3		30
1,2-Dibromo-3-chloropropane	108		113		68-130	5		30
Isopropylbenzene	109		108		70-130	1		30
1,2,3-Trichlorobenzene	109		110		70-130	1		30
1,2,4-Trichlorobenzene	110		112		70-130	2		30
Methyl Acetate	105		103		65-130	2		30
Cyclohexane	107		107		70-130	0		30
1,4-Dioxane	110		114		65-136	4		30
Methyl cyclohexane	106		106		70-130	0		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	112		113		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		104		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	98		98		70-130
Dibromofluoromethane	102		102		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212869

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 03-05,09-10 Batch: WG551196-1 WG551196-2								
Methylene chloride	82		86		70-130	5		30
1,1-Dichloroethane	94		88		70-130	7		30
Chloroform	100		96		70-130	4		30
Carbon tetrachloride	121		100		70-130	19		30
1,2-Dichloropropane	85		83		70-130	2		30
Dibromochloromethane	106		97		70-130	9		30
1,1,2-Trichloroethane	97		90		70-130	7		30
Tetrachloroethene	108		96		70-130	12		30
Chlorobenzene	96		92		70-130	4		30
Trichlorofluoromethane	107		96		70-139	11		30
1,2-Dichloroethane	109		104		70-130	5		30
1,1,1-Trichloroethane	106		96		70-130	10		30
Bromodichloromethane	100		96		70-130	4		30
trans-1,3-Dichloropropene	92		82		70-130	11		30
cis-1,3-Dichloropropene	94		88		70-130	7		30
Bromoform	103		93		70-130	10		30
1,1,2,2-Tetrachloroethane	88		81		70-130	8		30
Benzene	92		86		70-130	7		30
Toluene	95		87		70-130	9		30
Ethylbenzene	97		91		70-130	6		30
Chloromethane	85		89		52-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212869

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 03-05,09-10 Batch: WG551196-1 WG551196-2								
Bromomethane	96		102		57-147	6		30
Vinyl chloride	100		99		67-130	1		30
Chloroethane	86		85		50-151	1		30
1,1-Dichloroethene	95		86		65-135	10		30
trans-1,2-Dichloroethene	97		88		70-130	10		30
Trichloroethene	98		90		70-130	9		30
1,2-Dichlorobenzene	97		93		70-130	4		30
1,3-Dichlorobenzene	97		93		70-130	4		30
1,4-Dichlorobenzene	97		92		70-130	5		30
Methyl tert butyl ether	104		98		66-130	6		30
p/m-Xylene	95		92		70-130	3		30
o-Xylene	96		94		70-130	2		30
cis-1,2-Dichloroethene	98		90		70-130	9		30
Styrene	96		96		70-130	0		30
Dichlorodifluoromethane	86		83		30-146	4		30
Acetone	100		80		54-140	22		30
Carbon disulfide	85		79		59-130	7		30
2-Butanone	93		82		70-130	13		30
4-Methyl-2-pentanone	81		82		70-130	1		30
2-Hexanone	94		81		70-130	15		30
Bromochloromethane	96		95		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212869

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 03-05,09-10 Batch: WG551196-1 WG551196-2								
1,2-Dibromoethane	105		94		70-130	11		30
1,2-Dibromo-3-chloropropane	96		90		68-130	6		30
Isopropylbenzene	98		95		70-130	3		30
1,2,3-Trichlorobenzene	101		97		70-130	4		30
1,2,4-Trichlorobenzene	104		98		70-130	6		30
Methyl Acetate	89		81		65-130	9		30
Cyclohexane	90		80		70-130	12		30
1,4-Dioxane	86		95		65-136	10		30
Methyl cyclohexane	92		83		70-130	10		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	101		91		70-130	10		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	118		114		70-130
Toluene-d8	104		100		70-130
4-Bromofluorobenzene	101		97		70-130
Dibromofluoromethane	106		109		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212869
Report Date: 08/17/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 03-05,09-10 QC Batch ID: WG551196-4 WG551196-5 QC Sample: L1212869-03 Client ID: S-12L-B011-8.5-9.0												
Methylene chloride	ND	31	26	85		23	86		70-130	14		30
1,1-Dichloroethane	ND	31	30	97		26	100		70-130	13		30
Chloroform	ND	31	32	104		28	106		70-130	15		30
Carbon tetrachloride	ND	31	40	130		34	130		70-130	16		30
1,2-Dichloropropane	ND	31	27	86		24	89		70-130	12		30
Dibromochloromethane	ND	31	33	106		28	104		70-130	18		30
1,1,2-Trichloroethane	ND	31	28	91		25	93		70-130	14		30
Tetrachloroethene	ND	31	34	109		29	109		70-130	16		30
Chlorobenzene	ND	31	30	95		25	95		70-130	16		30
Trichlorofluoromethane	ND	31	39	124		34	127		70-139	13		30
1,2-Dichloroethane	ND	31	35	113		30	111		70-130	18		30
1,1,1-Trichloroethane	ND	31	36	115		31	118		70-130	14		30
Bromodichloromethane	ND	31	32	104		27	103		70-130	17		30
trans-1,3-Dichloropropene	ND	31	27	87		23	86		70-130	17		30
cis-1,3-Dichloropropene	ND	31	29	94		25	93		70-130	17		30
Bromoform	ND	31	32	102		27	101		70-130	17		30
1,1,2,2-Tetrachloroethane	ND	31	26	84		23	87		70-130	12		30
Benzene	ND	31	29	92		25	95		70-130	13		30
Toluene	ND	31	29	93		25	95		70-130	14		30
Ethylbenzene	ND	31	30	98		26	98		70-130	15		30
Chloromethane	ND	31	30	97		27	103		52-130	9		30

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212869
Report Date: 08/17/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 03-05,09-10 QC Batch ID: WG551196-4 WG551196-5 QC Sample: L1212869-03 Client ID: S-12L-B011-8.5-9.0												
Bromomethane	ND	31	30	98		28	107		57-147	6		30
Vinyl chloride	ND	31	37	120		33	124		67-130	13		30
Chloroethane	ND	31	31	100		27	102		50-151	13		30
1,1-Dichloroethene	ND	31	32	101		28	106		65-135	12		30
trans-1,2-Dichloroethene	ND	31	31	98		27	102		70-130	12		30
Trichloroethene	12	31	37	80		40	104		70-130	8		30
1,2-Dichlorobenzene	ND	31	29	94		24	90		70-130	20		30
1,3-Dichlorobenzene	ND	31	29	95		24	91		70-130	20		30
1,4-Dichlorobenzene	ND	31	29	93		24	89		70-130	20		30
Methyl tert butyl ether	ND	31	29	95		26	97		66-130	13		30
p/m-Xylene	ND	62.1	60	97		51	97		70-130	16		30
o-Xylene	ND	62.1	60	97		52	98		70-130	15		30
cis-1,2-Dichloroethene	ND	31	30	98		27	103		70-130	10		30
Styrene	ND	62.1	61	98		51	97		70-130	17		30
Dichlorodifluoromethane	ND	31	32	104		29	109		30-146	12		30
Acetone	ND	31	ND	**0**	Q	ND	**0**	Q	54-140	NC		30
Carbon disulfide	ND	31	29	94		26	97		59-130	12		30
2-Butanone	ND	31	26	83		23	85		70-130	14		30
4-Methyl-2-pentanone	ND	31	24	77		22	84		70-130	7		30
2-Hexanone	ND	31	26	83		24	90		70-130	8		30
Bromochloromethane	ND	31	31	98		26	98		70-130	16		30

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212869
Report Date: 08/17/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 03-05,09-10 QC Batch ID: WG551196-4 WG551196-5 QC Sample: L1212869-03 Client ID: S-12L-B011-8.5-9.0												
1,2-Dibromoethane	ND	31	34	110		27	100		70-130	25		30
1,2-Dibromo-3-chloropropane	ND	31	29	92		25	95		68-130	12		30
Isopropylbenzene	ND	31	32	101		27	102		70-130	15		30
1,2,3-Trichlorobenzene	ND	31	27	87		22	83		70-130	20		30
1,2,4-Trichlorobenzene	ND	31	28	91		23	88		70-130	19		30
Methyl Acetate	ND	31	ND	**0**	Q	ND	**0**	Q	65-130	NC		30
Cyclohexane	ND	31	ND	**0**	Q	26	99		70-130	NC		30
1,4-Dioxane	ND	1550	1400	92		1300	95		65-136	13		30
Methyl cyclohexane	ND	31	32	102		26	96		70-130	22		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	31	35	112		30	114		70-130	14		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		120		70-130
4-Bromofluorobenzene	97		97		70-130
Dibromofluoromethane	112		110		70-130
Toluene-d8	97		98		70-130

SEMIVOLATILES

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212869-02	Date Collected:	07/17/12 15:45
Client ID:	S-12L-B011-3.5-4.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 12:07
Analytical Date:	07/28/12 22:27		
Analyst:	JB		
Percent Solids:	91%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	--	1
2-Chloronaphthalene	ND		ug/kg	180	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	--	1
2,4-Dinitrotoluene	ND		ug/kg	180	--	1
2,6-Dinitrotoluene	ND		ug/kg	180	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	--	1
Hexachlorobutadiene	ND		ug/kg	180	--	1
Hexachlorocyclopentadiene	ND		ug/kg	500	--	1
Hexachloroethane	ND		ug/kg	140	--	1
Isophorone	ND		ug/kg	180	--	1
Naphthalene	ND		ug/kg	180	--	1
Nitrobenzene	ND		ug/kg	180	--	1
NDPA/DPA	ND		ug/kg	140	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	--	1
Butyl benzyl phthalate	ND		ug/kg	180	--	1
Di-n-butylphthalate	ND		ug/kg	180	--	1
Di-n-octylphthalate	ND		ug/kg	180	--	1
Diethyl phthalate	ND		ug/kg	180	--	1
Dimethyl phthalate	ND		ug/kg	180	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	140	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212869-02 Date Collected: 07/17/12 15:45

Client ID: S-12L-B011-3.5-4.0 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	140	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	140	--	1
Fluorene	ND		ug/kg	180	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	400	--	1
4-Chloroaniline	ND		ug/kg	180	--	1
2-Nitroaniline	ND		ug/kg	180	--	1
3-Nitroaniline	ND		ug/kg	180	--	1
4-Nitroaniline	ND		ug/kg	180	--	1
Dibenzofuran	ND		ug/kg	180	--	1
2-Methylnaphthalene	ND		ug/kg	220	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	--	1
Acetophenone	ND		ug/kg	180	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	180	--	1
2-Chlorophenol	ND		ug/kg	180	--	1
2,4-Dichlorophenol	ND		ug/kg	180	--	1
2,4-Dimethylphenol	ND		ug/kg	180	--	1
2-Nitrophenol	ND		ug/kg	400	--	1
4-Nitrophenol	ND		ug/kg	250	--	1
2,4-Dinitrophenol	ND		ug/kg	860	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	--	1
Pentachlorophenol	ND		ug/kg	140	--	1
Phenol	ND		ug/kg	180	--	1
2-Methylphenol	ND		ug/kg	180	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	--	1
2,4,5-Trichlorophenol	ND		ug/kg	180	--	1
Carbazole	ND		ug/kg	180	--	1
Atrazine	ND		ug/kg	140	--	1
Benzaldehyde	ND		ug/kg	250	--	1
Caprolactam	ND		ug/kg	180	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212869-02 Date Collected: 07/17/12 15:45

Client ID: S-12L-B011-3.5-4.0 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	86		0-136
4-Terphenyl-d14	87		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212869-03	Date Collected:	07/17/12 16:00
Client ID:	S-12L-B011-8.5-9.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 12:07
Analytical Date:	07/31/12 21:58		
Analyst:	JB		
Percent Solids:	92%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	--	1
2-Chloronaphthalene	ND		ug/kg	180	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	--	1
2,4-Dinitrotoluene	ND		ug/kg	180	--	1
2,6-Dinitrotoluene	ND		ug/kg	180	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	--	1
Hexachlorobutadiene	ND		ug/kg	180	--	1
Hexachlorocyclopentadiene	ND		ug/kg	500	--	1
Hexachloroethane	ND		ug/kg	140	--	1
Isophorone	ND		ug/kg	180	--	1
Naphthalene	ND		ug/kg	180	--	1
Nitrobenzene	ND		ug/kg	180	--	1
NDPA/DPA	ND		ug/kg	140	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	--	1
Butyl benzyl phthalate	ND		ug/kg	180	--	1
Di-n-butylphthalate	ND		ug/kg	180	--	1
Di-n-octylphthalate	ND		ug/kg	180	--	1
Diethyl phthalate	ND		ug/kg	180	--	1
Dimethyl phthalate	ND		ug/kg	180	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	140	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212869-03 Date Collected: 07/17/12 16:00

Client ID: S-12L-B011-8.5-9.0 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	140	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	140	--	1
Fluorene	ND		ug/kg	180	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	390	--	1
4-Chloroaniline	ND		ug/kg	180	--	1
2-Nitroaniline	ND		ug/kg	180	--	1
3-Nitroaniline	ND		ug/kg	180	--	1
4-Nitroaniline	ND		ug/kg	180	--	1
Dibenzofuran	ND		ug/kg	180	--	1
2-Methylnaphthalene	ND		ug/kg	210	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	--	1
Acetophenone	ND		ug/kg	180	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	180	--	1
2-Chlorophenol	ND		ug/kg	180	--	1
2,4-Dichlorophenol	ND		ug/kg	180	--	1
2,4-Dimethylphenol	ND		ug/kg	180	--	1
2-Nitrophenol	ND		ug/kg	390	--	1
4-Nitrophenol	ND		ug/kg	250	--	1
2,4-Dinitrophenol	ND		ug/kg	850	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	--	1
Pentachlorophenol	ND		ug/kg	140	--	1
Phenol	ND		ug/kg	180	--	1
2-Methylphenol	ND		ug/kg	180	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	--	1
2,4,5-Trichlorophenol	ND		ug/kg	180	--	1
Carbazole	ND		ug/kg	180	--	1
Atrazine	ND		ug/kg	140	--	1
Benzaldehyde	ND		ug/kg	250	--	1
Caprolactam	ND		ug/kg	180	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212869-03 Date Collected: 07/17/12 16:00

Client ID: S-12L-B011-8.5-9.0 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	63		0-136
4-Terphenyl-d14	79		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212869-04	Date Collected:	07/17/12 16:30
Client ID:	S-12L-B011-13.5-14.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 12:07
Analytical Date:	07/31/12 22:22		
Analyst:	JB		
Percent Solids:	94%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	--	1
Hexachlorobenzene	ND		ug/kg	100	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	--	1
2-Chloronaphthalene	ND		ug/kg	170	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	--	1
2,4-Dinitrotoluene	ND		ug/kg	170	--	1
2,6-Dinitrotoluene	ND		ug/kg	170	--	1
Fluoranthene	ND		ug/kg	100	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	170	--	1
Hexachlorobutadiene	ND		ug/kg	170	--	1
Hexachlorocyclopentadiene	ND		ug/kg	480	--	1
Hexachloroethane	ND		ug/kg	140	--	1
Isophorone	ND		ug/kg	170	--	1
Naphthalene	ND		ug/kg	170	--	1
Nitrobenzene	ND		ug/kg	170	--	1
NDPA/DPA	ND		ug/kg	140	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	--	1
Butyl benzyl phthalate	ND		ug/kg	170	--	1
Di-n-butylphthalate	ND		ug/kg	170	--	1
Di-n-octylphthalate	ND		ug/kg	170	--	1
Diethyl phthalate	ND		ug/kg	170	--	1
Dimethyl phthalate	ND		ug/kg	170	--	1
Benzo(a)anthracene	ND		ug/kg	100	--	1
Benzo(a)pyrene	ND		ug/kg	140	--	1
Benzo(b)fluoranthene	ND		ug/kg	100	--	1
Benzo(k)fluoranthene	ND		ug/kg	100	--	1
Chrysene	ND		ug/kg	100	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212869-04 Date Collected: 07/17/12 16:30

Client ID: S-12L-B011-13.5-14.0 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	140	--	1
Anthracene	ND		ug/kg	100	--	1
Benzo(ghi)perylene	ND		ug/kg	140	--	1
Fluorene	ND		ug/kg	170	--	1
Phenanthrene	ND		ug/kg	100	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	--	1
Pyrene	ND		ug/kg	100	--	1
Biphenyl	ND		ug/kg	380	--	1
4-Chloroaniline	ND		ug/kg	170	--	1
2-Nitroaniline	ND		ug/kg	170	--	1
3-Nitroaniline	ND		ug/kg	170	--	1
4-Nitroaniline	ND		ug/kg	170	--	1
Dibenzofuran	ND		ug/kg	170	--	1
2-Methylnaphthalene	ND		ug/kg	210	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	--	1
Acetophenone	ND		ug/kg	170	--	1
2,4,6-Trichlorophenol	ND		ug/kg	100	--	1
p-Chloro-m-cresol	ND		ug/kg	170	--	1
2-Chlorophenol	ND		ug/kg	170	--	1
2,4-Dichlorophenol	ND		ug/kg	170	--	1
2,4-Dimethylphenol	ND		ug/kg	170	--	1
2-Nitrophenol	ND		ug/kg	380	--	1
4-Nitrophenol	ND		ug/kg	240	--	1
2,4-Dinitrophenol	ND		ug/kg	830	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	--	1
Pentachlorophenol	ND		ug/kg	140	--	1
Phenol	ND		ug/kg	170	--	1
2-Methylphenol	ND		ug/kg	170	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	--	1
2,4,5-Trichlorophenol	ND		ug/kg	170	--	1
Carbazole	ND		ug/kg	170	--	1
Atrazine	ND		ug/kg	140	--	1
Benzaldehyde	ND		ug/kg	240	--	1
Caprolactam	ND		ug/kg	170	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212869-04 Date Collected: 07/17/12 16:30

Client ID: S-12L-B011-13.5-14.0 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	75		0-136
4-Terphenyl-d14	79		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212869-05	Date Collected:	07/17/12 16:30
Client ID:	S-12L-B011-16.0-16.5	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 12:07
Analytical Date:	07/31/12 22:47		
Analyst:	JB		
Percent Solids:	95%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	--	1
Hexachlorobenzene	ND		ug/kg	100	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	--	1
2-Chloronaphthalene	ND		ug/kg	170	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	--	1
2,4-Dinitrotoluene	ND		ug/kg	170	--	1
2,6-Dinitrotoluene	ND		ug/kg	170	--	1
Fluoranthene	ND		ug/kg	100	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	170	--	1
Hexachlorobutadiene	ND		ug/kg	170	--	1
Hexachlorocyclopentadiene	ND		ug/kg	480	--	1
Hexachloroethane	ND		ug/kg	140	--	1
Isophorone	ND		ug/kg	170	--	1
Naphthalene	ND		ug/kg	170	--	1
Nitrobenzene	ND		ug/kg	170	--	1
NDPA/DPA	ND		ug/kg	140	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	--	1
Butyl benzyl phthalate	ND		ug/kg	170	--	1
Di-n-butylphthalate	ND		ug/kg	170	--	1
Di-n-octylphthalate	ND		ug/kg	170	--	1
Diethyl phthalate	ND		ug/kg	170	--	1
Dimethyl phthalate	ND		ug/kg	170	--	1
Benzo(a)anthracene	ND		ug/kg	100	--	1
Benzo(a)pyrene	ND		ug/kg	140	--	1
Benzo(b)fluoranthene	ND		ug/kg	100	--	1
Benzo(k)fluoranthene	ND		ug/kg	100	--	1
Chrysene	ND		ug/kg	100	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212869-05 Date Collected: 07/17/12 16:30

Client ID: S-12L-B011-16.0-16.5 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	140	--	1
Anthracene	ND		ug/kg	100	--	1
Benzo(ghi)perylene	ND		ug/kg	140	--	1
Fluorene	ND		ug/kg	170	--	1
Phenanthrene	ND		ug/kg	100	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	--	1
Pyrene	ND		ug/kg	100	--	1
Biphenyl	ND		ug/kg	380	--	1
4-Chloroaniline	ND		ug/kg	170	--	1
2-Nitroaniline	ND		ug/kg	170	--	1
3-Nitroaniline	ND		ug/kg	170	--	1
4-Nitroaniline	ND		ug/kg	170	--	1
Dibenzofuran	ND		ug/kg	170	--	1
2-Methylnaphthalene	ND		ug/kg	210	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	--	1
Acetophenone	ND		ug/kg	170	--	1
2,4,6-Trichlorophenol	ND		ug/kg	100	--	1
p-Chloro-m-cresol	ND		ug/kg	170	--	1
2-Chlorophenol	ND		ug/kg	170	--	1
2,4-Dichlorophenol	ND		ug/kg	170	--	1
2,4-Dimethylphenol	ND		ug/kg	170	--	1
2-Nitrophenol	ND		ug/kg	380	--	1
4-Nitrophenol	ND		ug/kg	240	--	1
2,4-Dinitrophenol	ND		ug/kg	830	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	--	1
Pentachlorophenol	ND		ug/kg	140	--	1
Phenol	ND		ug/kg	170	--	1
2-Methylphenol	ND		ug/kg	170	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	--	1
2,4,5-Trichlorophenol	ND		ug/kg	170	--	1
Carbazole	ND		ug/kg	170	--	1
Atrazine	ND		ug/kg	140	--	1
Benzaldehyde	ND		ug/kg	240	--	1
Caprolactam	ND		ug/kg	170	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212869-05	Date Collected:	07/17/12 16:30
Client ID:	S-12L-B011-16.0-16.5	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	66		0-136
4-Terphenyl-d14	82		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212869-06	Date Collected:	07/17/12 17:00
Client ID:	S-12L-B011-18.5-19.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 12:07
Analytical Date:	07/31/12 23:12		
Analyst:	JB		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	--	1
2-Chloronaphthalene	ND		ug/kg	180	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	--	1
2,4-Dinitrotoluene	ND		ug/kg	180	--	1
2,6-Dinitrotoluene	ND		ug/kg	180	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	--	1
Hexachlorobutadiene	ND		ug/kg	180	--	1
Hexachlorocyclopentadiene	ND		ug/kg	510	--	1
Hexachloroethane	ND		ug/kg	140	--	1
Isophorone	ND		ug/kg	180	--	1
Naphthalene	ND		ug/kg	180	--	1
Nitrobenzene	ND		ug/kg	180	--	1
NDPA/DPA	ND		ug/kg	140	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	--	1
Butyl benzyl phthalate	ND		ug/kg	180	--	1
Di-n-butylphthalate	ND		ug/kg	180	--	1
Di-n-octylphthalate	ND		ug/kg	180	--	1
Diethyl phthalate	ND		ug/kg	180	--	1
Dimethyl phthalate	ND		ug/kg	180	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	140	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212869-06 Date Collected: 07/17/12 17:00

Client ID: S-12L-B011-18.5-19.0 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	140	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	140	--	1
Fluorene	ND		ug/kg	180	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	400	--	1
4-Chloroaniline	ND		ug/kg	180	--	1
2-Nitroaniline	ND		ug/kg	180	--	1
3-Nitroaniline	ND		ug/kg	180	--	1
4-Nitroaniline	ND		ug/kg	180	--	1
Dibenzofuran	ND		ug/kg	180	--	1
2-Methylnaphthalene	ND		ug/kg	220	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	--	1
Acetophenone	ND		ug/kg	180	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	180	--	1
2-Chlorophenol	ND		ug/kg	180	--	1
2,4-Dichlorophenol	ND		ug/kg	180	--	1
2,4-Dimethylphenol	ND		ug/kg	180	--	1
2-Nitrophenol	ND		ug/kg	400	--	1
4-Nitrophenol	ND		ug/kg	250	--	1
2,4-Dinitrophenol	ND		ug/kg	870	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	--	1
Pentachlorophenol	ND		ug/kg	140	--	1
Phenol	ND		ug/kg	180	--	1
2-Methylphenol	ND		ug/kg	180	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	--	1
2,4,5-Trichlorophenol	ND		ug/kg	180	--	1
Carbazole	ND		ug/kg	180	--	1
Atrazine	ND		ug/kg	140	--	1
Benzaldehyde	ND		ug/kg	250	--	1
Caprolactam	ND		ug/kg	180	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212869-06 Date Collected: 07/17/12 17:00

Client ID: S-12L-B011-18.5-19.0 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	73		0-136
4-Terphenyl-d14	81		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212869-07	Date Collected:	07/17/12 17:00
Client ID:	S-12L-B011-20.0-20.5	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 14:44
Analytical Date:	07/31/12 23:37		
Analyst:	JB		
Percent Solids:	92%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	--	1
2-Chloronaphthalene	ND		ug/kg	180	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	--	1
2,4-Dinitrotoluene	ND		ug/kg	180	--	1
2,6-Dinitrotoluene	ND		ug/kg	180	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	--	1
Hexachlorobutadiene	ND		ug/kg	180	--	1
Hexachlorocyclopentadiene	ND		ug/kg	500	--	1
Hexachloroethane	ND		ug/kg	140	--	1
Isophorone	ND		ug/kg	180	--	1
Naphthalene	ND		ug/kg	180	--	1
Nitrobenzene	ND		ug/kg	180	--	1
NDPA/DPA	ND		ug/kg	140	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	--	1
Butyl benzyl phthalate	ND		ug/kg	180	--	1
Di-n-butylphthalate	ND		ug/kg	180	--	1
Di-n-octylphthalate	ND		ug/kg	180	--	1
Diethyl phthalate	ND		ug/kg	180	--	1
Dimethyl phthalate	ND		ug/kg	180	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	140	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212869-07 Date Collected: 07/17/12 17:00

Client ID: S-12L-B011-20.0-20.5 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	140	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	140	--	1
Fluorene	ND		ug/kg	180	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	390	--	1
4-Chloroaniline	ND		ug/kg	180	--	1
2-Nitroaniline	ND		ug/kg	180	--	1
3-Nitroaniline	ND		ug/kg	180	--	1
4-Nitroaniline	ND		ug/kg	180	--	1
Dibenzofuran	ND		ug/kg	180	--	1
2-Methylnaphthalene	ND		ug/kg	220	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	--	1
Acetophenone	ND		ug/kg	180	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	180	--	1
2-Chlorophenol	ND		ug/kg	180	--	1
2,4-Dichlorophenol	ND		ug/kg	180	--	1
2,4-Dimethylphenol	ND		ug/kg	180	--	1
2-Nitrophenol	ND		ug/kg	390	--	1
4-Nitrophenol	ND		ug/kg	250	--	1
2,4-Dinitrophenol	ND		ug/kg	860	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	--	1
Pentachlorophenol	ND		ug/kg	140	--	1
Phenol	ND		ug/kg	180	--	1
2-Methylphenol	ND		ug/kg	180	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	--	1
2,4,5-Trichlorophenol	ND		ug/kg	180	--	1
Carbazole	ND		ug/kg	180	--	1
Atrazine	ND		ug/kg	140	--	1
Benzaldehyde	ND		ug/kg	250	--	1
Caprolactam	ND		ug/kg	180	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212869-07 Date Collected: 07/17/12 17:00

Client ID: S-12L-B011-20.0-20.5 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	102		25-120
Phenol-d6	106		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	89		30-120
2,4,6-Tribromophenol	100		0-136
4-Terphenyl-d14	100		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212869-08	Date Collected:	07/17/12 17:00
Client ID:	S-12L-B011-21.5-22.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 14:44
Analytical Date:	08/01/12 00:02		
Analyst:	JB		
Percent Solids:	91%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	--	1
2-Chloronaphthalene	ND		ug/kg	180	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	--	1
2,4-Dinitrotoluene	ND		ug/kg	180	--	1
2,6-Dinitrotoluene	ND		ug/kg	180	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	--	1
Hexachlorobutadiene	ND		ug/kg	180	--	1
Hexachlorocyclopentadiene	ND		ug/kg	510	--	1
Hexachloroethane	ND		ug/kg	140	--	1
Isophorone	ND		ug/kg	180	--	1
Naphthalene	ND		ug/kg	180	--	1
Nitrobenzene	ND		ug/kg	180	--	1
NDPA/DPA	ND		ug/kg	140	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	--	1
Butyl benzyl phthalate	ND		ug/kg	180	--	1
Di-n-butylphthalate	ND		ug/kg	180	--	1
Di-n-octylphthalate	ND		ug/kg	180	--	1
Diethyl phthalate	ND		ug/kg	180	--	1
Dimethyl phthalate	ND		ug/kg	180	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	140	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212869-08 Date Collected: 07/17/12 17:00

Client ID: S-12L-B011-21.5-22.0 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	140	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	140	--	1
Fluorene	ND		ug/kg	180	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	400	--	1
4-Chloroaniline	ND		ug/kg	180	--	1
2-Nitroaniline	ND		ug/kg	180	--	1
3-Nitroaniline	ND		ug/kg	180	--	1
4-Nitroaniline	ND		ug/kg	180	--	1
Dibenzofuran	ND		ug/kg	180	--	1
2-Methylnaphthalene	ND		ug/kg	220	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	--	1
Acetophenone	ND		ug/kg	180	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	180	--	1
2-Chlorophenol	ND		ug/kg	180	--	1
2,4-Dichlorophenol	ND		ug/kg	180	--	1
2,4-Dimethylphenol	ND		ug/kg	180	--	1
2-Nitrophenol	ND		ug/kg	400	--	1
4-Nitrophenol	ND		ug/kg	260	--	1
2,4-Dinitrophenol	ND		ug/kg	870	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	--	1
Pentachlorophenol	ND		ug/kg	140	--	1
Phenol	ND		ug/kg	180	--	1
2-Methylphenol	ND		ug/kg	180	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	--	1
2,4,5-Trichlorophenol	ND		ug/kg	180	--	1
Carbazole	ND		ug/kg	180	--	1
Atrazine	ND		ug/kg	140	--	1
Benzaldehyde	ND		ug/kg	260	--	1
Caprolactam	ND		ug/kg	180	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212869-08 Date Collected: 07/17/12 17:00

Client ID: S-12L-B011-21.5-22.0 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	70		0-136
4-Terphenyl-d14	62		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212869-09	Date Collected:	07/17/12 17:15
Client ID:	S-12L-B011-22.0-22.5	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 14:44
Analytical Date:	08/01/12 00:27		
Analyst:	JB		
Percent Solids:	91%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	--	1
2-Chloronaphthalene	ND		ug/kg	180	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	--	1
2,4-Dinitrotoluene	ND		ug/kg	180	--	1
2,6-Dinitrotoluene	ND		ug/kg	180	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	--	1
Hexachlorobutadiene	ND		ug/kg	180	--	1
Hexachlorocyclopentadiene	ND		ug/kg	500	--	1
Hexachloroethane	ND		ug/kg	140	--	1
Isophorone	ND		ug/kg	180	--	1
Naphthalene	ND		ug/kg	180	--	1
Nitrobenzene	ND		ug/kg	180	--	1
NDPA/DPA	ND		ug/kg	140	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	--	1
Butyl benzyl phthalate	ND		ug/kg	180	--	1
Di-n-butylphthalate	ND		ug/kg	180	--	1
Di-n-octylphthalate	ND		ug/kg	180	--	1
Diethyl phthalate	ND		ug/kg	180	--	1
Dimethyl phthalate	ND		ug/kg	180	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	140	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212869-09 Date Collected: 07/17/12 17:15

Client ID: S-12L-B011-22.0-22.5 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	140	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	140	--	1
Fluorene	ND		ug/kg	180	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	390	--	1
4-Chloroaniline	ND		ug/kg	180	--	1
2-Nitroaniline	ND		ug/kg	180	--	1
3-Nitroaniline	ND		ug/kg	180	--	1
4-Nitroaniline	ND		ug/kg	180	--	1
Dibenzofuran	ND		ug/kg	180	--	1
2-Methylnaphthalene	ND		ug/kg	210	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	--	1
Acetophenone	ND		ug/kg	180	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	180	--	1
2-Chlorophenol	ND		ug/kg	180	--	1
2,4-Dichlorophenol	ND		ug/kg	180	--	1
2,4-Dimethylphenol	ND		ug/kg	180	--	1
2-Nitrophenol	ND		ug/kg	390	--	1
4-Nitrophenol	ND		ug/kg	250	--	1
2,4-Dinitrophenol	ND		ug/kg	860	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	--	1
Pentachlorophenol	ND		ug/kg	140	--	1
Phenol	ND		ug/kg	180	--	1
2-Methylphenol	ND		ug/kg	180	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	--	1
2,4,5-Trichlorophenol	ND		ug/kg	180	--	1
Carbazole	ND		ug/kg	180	--	1
Atrazine	ND		ug/kg	140	--	1
Benzaldehyde	ND		ug/kg	250	--	1
Caprolactam	ND		ug/kg	180	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212869-09 Date Collected: 07/17/12 17:15

Client ID: S-12L-B011-22.0-22.5 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	87		0-136
4-Terphenyl-d14	71		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212869-10	Date Collected:	07/17/12 17:15
Client ID:	S-12L-B011-25.5-26.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 14:44
Analytical Date:	08/01/12 00:51		
Analyst:	JB		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	--	1
2-Chloronaphthalene	ND		ug/kg	180	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	--	1
2,4-Dinitrotoluene	ND		ug/kg	180	--	1
2,6-Dinitrotoluene	ND		ug/kg	180	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	--	1
Hexachlorobutadiene	ND		ug/kg	180	--	1
Hexachlorocyclopentadiene	ND		ug/kg	500	--	1
Hexachloroethane	ND		ug/kg	140	--	1
Isophorone	ND		ug/kg	180	--	1
Naphthalene	ND		ug/kg	180	--	1
Nitrobenzene	ND		ug/kg	180	--	1
NDPA/DPA	ND		ug/kg	140	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	--	1
Butyl benzyl phthalate	ND		ug/kg	180	--	1
Di-n-butylphthalate	ND		ug/kg	180	--	1
Di-n-octylphthalate	ND		ug/kg	180	--	1
Diethyl phthalate	ND		ug/kg	180	--	1
Dimethyl phthalate	ND		ug/kg	180	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	140	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212869-10 Date Collected: 07/17/12 17:15

Client ID: S-12L-B011-25.5-26.0 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	140	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	140	--	1
Fluorene	ND		ug/kg	180	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	400	--	1
4-Chloroaniline	ND		ug/kg	180	--	1
2-Nitroaniline	ND		ug/kg	180	--	1
3-Nitroaniline	ND		ug/kg	180	--	1
4-Nitroaniline	ND		ug/kg	180	--	1
Dibenzofuran	ND		ug/kg	180	--	1
2-Methylnaphthalene	ND		ug/kg	220	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	--	1
Acetophenone	ND		ug/kg	180	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	180	--	1
2-Chlorophenol	ND		ug/kg	180	--	1
2,4-Dichlorophenol	ND		ug/kg	180	--	1
2,4-Dimethylphenol	ND		ug/kg	180	--	1
2-Nitrophenol	ND		ug/kg	400	--	1
4-Nitrophenol	ND		ug/kg	250	--	1
2,4-Dinitrophenol	ND		ug/kg	860	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	--	1
Pentachlorophenol	ND		ug/kg	140	--	1
Phenol	ND		ug/kg	180	--	1
2-Methylphenol	ND		ug/kg	180	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	--	1
2,4,5-Trichlorophenol	ND		ug/kg	180	--	1
Carbazole	ND		ug/kg	180	--	1
Atrazine	ND		ug/kg	140	--	1
Benzaldehyde	ND		ug/kg	250	--	1
Caprolactam	ND		ug/kg	180	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID: L1212869-10 Date Collected: 07/17/12 17:15

Client ID: S-12L-B011-25.5-26.0 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	88		25-120
Phenol-d6	94		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	91		0-136
4-Terphenyl-d14	76		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/01/12 09:50
Analyst: JB

Extraction Method: EPA 3540C
Extraction Date: 07/26/12 12:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-10 Batch: WG551041-1					
Acenaphthene	ND		ug/kg	130	--
Hexachlorobenzene	ND		ug/kg	98	--
Bis(2-chloroethyl)ether	ND		ug/kg	160	--
2-Chloronaphthalene	ND		ug/kg	160	--
3,3'-Dichlorobenzidine	ND		ug/kg	160	--
2,4-Dinitrotoluene	ND		ug/kg	160	--
2,6-Dinitrotoluene	ND		ug/kg	160	--
Fluoranthene	ND		ug/kg	98	--
4-Chlorophenyl phenyl ether	ND		ug/kg	160	--
4-Bromophenyl phenyl ether	ND		ug/kg	160	--
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	--
Bis(2-chloroethoxy)methane	ND		ug/kg	160	--
Hexachlorobutadiene	ND		ug/kg	160	--
Hexachlorocyclopentadiene	ND		ug/kg	460	--
Hexachloroethane	ND		ug/kg	130	--
Isophorone	ND		ug/kg	160	--
Naphthalene	ND		ug/kg	160	--
Nitrobenzene	ND		ug/kg	160	--
NDPA/DPA	ND		ug/kg	130	--
n-Nitrosodi-n-propylamine	ND		ug/kg	160	--
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	--
Butyl benzyl phthalate	ND		ug/kg	160	--
Di-n-butylphthalate	ND		ug/kg	160	--
Di-n-octylphthalate	ND		ug/kg	160	--
Diethyl phthalate	ND		ug/kg	160	--
Dimethyl phthalate	ND		ug/kg	160	--
Benzo(a)anthracene	ND		ug/kg	98	--
Benzo(a)pyrene	ND		ug/kg	130	--
Benzo(b)fluoranthene	ND		ug/kg	98	--
Benzo(k)fluoranthene	ND		ug/kg	98	--
Chrysene	ND		ug/kg	98	--

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212869
Report Date: 08/17/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/01/12 09:50
Analyst: JB

Extraction Method: EPA 3540C
Extraction Date: 07/26/12 12:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-10 Batch: WG551041-1					
Acenaphthylene	ND		ug/kg	130	--
Anthracene	ND		ug/kg	98	--
Benzo(ghi)perylene	ND		ug/kg	130	--
Fluorene	ND		ug/kg	160	--
Phenanthrene	ND		ug/kg	98	--
Dibenzo(a,h)anthracene	ND		ug/kg	98	--
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	--
Pyrene	ND		ug/kg	98	--
Biphenyl	ND		ug/kg	360	--
4-Chloroaniline	ND		ug/kg	160	--
2-Nitroaniline	ND		ug/kg	160	--
3-Nitroaniline	ND		ug/kg	160	--
4-Nitroaniline	ND		ug/kg	160	--
Dibenzofuran	ND		ug/kg	160	--
2-Methylnaphthalene	ND		ug/kg	200	--
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	--
Acetophenone	ND		ug/kg	160	--
2,4,6-Trichlorophenol	ND		ug/kg	98	--
p-Chloro-m-cresol	ND		ug/kg	160	--
2-Chlorophenol	ND		ug/kg	160	--
2,4-Dichlorophenol	ND		ug/kg	160	--
2,4-Dimethylphenol	ND		ug/kg	160	--
2-Nitrophenol	ND		ug/kg	360	--
4-Nitrophenol	ND		ug/kg	230	--
2,4-Dinitrophenol	ND		ug/kg	790	--
4,6-Dinitro-o-cresol	ND		ug/kg	430	--
Pentachlorophenol	ND		ug/kg	130	--
Phenol	ND		ug/kg	160	--
2-Methylphenol	ND		ug/kg	160	--
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	--
2,4,5-Trichlorophenol	ND		ug/kg	160	--

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212869
Report Date: 08/17/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/01/12 09:50
Analyst: JB

Extraction Method: EPA 3540C
Extraction Date: 07/26/12 12:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-10 Batch: WG551041-1					
Carbazole	ND		ug/kg	160	--
Atrazine	ND		ug/kg	130	--
Benzaldehyde	ND		ug/kg	230	--
Caprolactam	ND		ug/kg	160	--
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	71		0-136
4-Terphenyl-d14	80		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212869

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-10 Batch: WG551041-2 WG551041-3								
Acenaphthene	79		86		31-137	8		50
Hexachlorobenzene	76		84		40-140	10		50
Bis(2-chloroethyl)ether	70		76		40-140	8		50
2-Chloronaphthalene	73		85		40-140	15		50
3,3'-Dichlorobenzidine	75		85		40-140	13		50
2,4-Dinitrotoluene	76		84		28-89	10		50
2,6-Dinitrotoluene	72		82		40-140	13		50
Fluoranthene	82		86		40-140	5		50
4-Chlorophenyl phenyl ether	76		85		40-140	11		50
4-Bromophenyl phenyl ether	79		96		40-140	19		50
Bis(2-chloroisopropyl)ether	69		80		40-140	15		50
Bis(2-chloroethoxy)methane	64		73		40-117	13		50
Hexachlorobutadiene	85		90		40-140	6		50
Hexachlorocyclopentadiene	47		56		40-140	17		50
Hexachloroethane	72		78		40-140	8		50
Isophorone	64		74		40-140	14		50
Naphthalene	73		80		40-140	9		50
Nitrobenzene	74		84		40-140	13		50
NitrosoDiPhenylAmine(NDPA)/DPA	78		88		36-157	12		50
n-Nitrosodi-n-propylamine	70		72		32-121	3		50
Bis(2-Ethylhexyl)phthalate	88		98		40-140	11		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212869

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-10 Batch: WG551041-2 WG551041-3								
Butyl benzyl phthalate	84		88		40-140	5		50
Di-n-butylphthalate	89		95		40-140	7		50
Di-n-octylphthalate	90		98		40-140	9		50
Diethyl phthalate	78		87		40-140	11		50
Dimethyl phthalate	83		89		40-140	7		50
Benzo(a)anthracene	87		94		40-140	8		50
Benzo(a)pyrene	87		93		40-140	7		50
Benzo(b)fluoranthene	88		90		40-140	2		50
Benzo(k)fluoranthene	86		95		40-140	10		50
Chrysene	92		96		40-140	4		50
Acenaphthylene	68		77		40-140	12		50
Anthracene	85		91		40-140	7		50
Benzo(ghi)perylene	100		102		40-140	2		50
Fluorene	76		83		40-140	9		50
Phenanthrene	86		90		40-140	5		50
Dibenzo(a,h)anthracene	98		102		40-140	4		50
Indeno(1,2,3-cd)Pyrene	99		103		40-140	4		50
Pyrene	81		85		35-142	5		50
Biphenyl	77		81		54-104	5		50
4-Chloroaniline	56		65		40-140	15		50
2-Nitroaniline	71		74		47-134	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212869

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-10 Batch: WG551041-2 WG551041-3								
3-Nitroaniline	62		66		26-129	6		50
4-Nitroaniline	68		80		41-125	16		50
Dibenzofuran	80		89		40-140	11		50
2-Methylnaphthalene	72		81		40-140	12		50
1,2,4,5-Tetrachlorobenzene	78		85		40-117	9		50
Acetophenone	62		69		14-144	11		50
2,4,6-Trichlorophenol	77		90		30-130	16		50
P-Chloro-M-Cresol	77		83		26-103	8		50
2-Chlorophenol	69		80		25-102	15		50
2,4-Dichlorophenol	82		89		30-130	8		50
2,4-Dimethylphenol	53		71		30-130	29		50
2-Nitrophenol	66		74		30-130	11		50
4-Nitrophenol	59		91		11-114	43		50
2,4-Dinitrophenol	64		73		4-130	13		50
4,6-Dinitro-o-cresol	67		83		10-130	21		50
Pentachlorophenol	60		70		17-109	15		50
Phenol	62		72		26-90	15		50
2-Methylphenol	64		79		30-130.	21		50
3-Methylphenol/4-Methylphenol	67		76		30-130	13		50
2,4,5-Trichlorophenol	70		83		30-130	17		50
Carbazole	85		90		54-128	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212869

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-10 Batch: WG551041-2 WG551041-3								
Atrazine	86		95		40-140	10		50
Benzaldehyde	76		84		40-140	10		50
Caprolactam	61		72		15-130	17		50
2,3,4,6-Tetrachlorophenol	70		83		40-140	17		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	83		93		25-120
Phenol-d6	77		90		10-120
Nitrobenzene-d5	77		85		23-120
2-Fluorobiphenyl	82		88		30-120
2,4,6-Tribromophenol	101		109		0-136
4-Terphenyl-d14	92		94		18-120

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212869
Report Date: 08/17/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-10 QC Batch ID: WG551041-4 WG551041-5 QC Sample: L1212869-03 Client ID: S-12L-B011-8.5-9.0												
Acenaphthene	ND	1420	1000	70		1100	77		31-137	10		50
Hexachlorobenzene	ND	1420	1000	70		1200	84		40-140	18		50
Bis(2-chloroethyl)ether	ND	1420	870	61		1000	70		40-140	14		50
2-Chloronaphthalene	ND	1420	1000	70		1100	77		40-140	10		50
3,3'-Dichlorobenzidine	ND	1420	680	48		800	56		40-140	16		50
2,4-Dinitrotoluene	ND	1420	1100	77		1200	84		28-89	9		50
2,6-Dinitrotoluene	ND	1420	1100	77		1200	84		40-140	9		50
Fluoranthene	ND	1420	1100	77		1200	84		40-140	9		50
4-Chlorophenyl phenyl ether	ND	1420	1100	77		1200	84		40-140	9		50
4-Bromophenyl phenyl ether	ND	1420	1100	77		1300	91		40-140	17		50
Bis(2-chloroisopropyl)ether	ND	1420	900	63		1000	70		40-140	11		50
Bis(2-chloroethoxy)methane	ND	1420	920	65		1000	70		40-117	8		50
Hexachlorobutadiene	ND	1420	900	63		1100	77		40-140	20		50
Hexachlorocyclopentadiene	ND	1420	ND	**0**	Q	510	**36**	Q	40-140	NC		50
Hexachloroethane	ND	1420	810	57		1000	70		40-140	21		50
Isophorone	ND	1420	960	68		1000	70		40-140	4		50
Naphthalene	ND	1420	900	63		1000	70		40-140	11		50
Nitrobenzene	ND	1420	920	65		1000	70		40-140	8		50
NitrosoDiPhenylAmine(NDPA)/DPA	ND	1420	1100	77		1200	84		36-157	9		50
n-Nitrosodi-n-propylamine	ND	1420	880	62		1000	70		32-121	13		50
Bis(2-Ethylhexyl)phthalate	ND	1420	1100	77		1200	84		40-140	9		50

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212869
Report Date: 08/17/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-10 QC Batch ID: WG551041-4 WG551041-5 QC Sample: L1212869-03 Client ID: S-12L-B011-8.5-9.0												
Butyl benzyl phthalate	ND	1420	1100	77		1300	91		40-140	17		50
Di-n-butylphthalate	ND	1420	1100	77		1200	84		40-140	9		50
Di-n-octylphthalate	ND	1420	1100	77		1300	91		40-140	17		50
Diethyl phthalate	ND	1420	1100	77		1200	84		40-140	9		50
Dimethyl phthalate	ND	1420	1100	77		1200	84		40-140	9		50
Benzo(a)anthracene	ND	1420	1000	70		1200	84		40-140	18		50
Benzo(a)pyrene	ND	1420	1000	70		1100	77		40-140	10		50
Benzo(b)fluoranthene	ND	1420	1000	70		1200	84		40-140	18		50
Benzo(k)fluoranthene	ND	1420	1100	77		1200	84		40-140	9		50
Chrysene	ND	1420	1000	70		1200	84		40-140	18		50
Acenaphthylene	ND	1420	990	70		1100	77		40-140	11		50
Anthracene	ND	1420	970	68		1100	77		40-140	13		50
Benzo(ghi)perylene	ND	1420	1100	77		1200	84		40-140	9		50
Fluorene	ND	1420	1000	70		1200	84		40-140	18		50
Phenanthrene	ND	1420	1000	70		1100	77		40-140	10		50
Dibenzo(a,h)anthracene	ND	1420	1100	77		1200	84		40-140	9		50
Indeno(1,2,3-cd)Pyrene	ND	1420	1100	77		1300	91		40-140	17		50
Pyrene	ND	1420	1000	70		1200	84		35-142	18		50
Biphenyl	ND	1420	900	63		1000	70		54-104	11		50
4-Chloroaniline	ND	1420	860	61		890	62		40-140	3		50
2-Nitroaniline	ND	1420	1100	77		1200	84		47-134	9		50

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212869
Report Date: 08/17/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-10 QC Batch ID: WG551041-4 WG551041-5 QC Sample: L1212869-03 Client ID: S-12L-B011-8.5-9.0												
3-Nitroaniline	ND	1420	960	68		1000	70		26-129	4		50
4-Nitroaniline	ND	1420	1100	77		1200	84		41-125	9		50
Dibenzofuran	ND	1420	1100	77		1200	84		40-140	9		50
2-Methylnaphthalene	ND	1420	980	69		1100	77		40-140	12		50
1,2,4,5-Tetrachlorobenzene	ND	1420	860	61		1000	70		40-117	15		50
Acetophenone	ND	1420	870	61		940	66		14-144	8		50
2,4,6-Trichlorophenol	ND	1420	1100	77		1300	91		30-130	17		50
P-Chloro-M-Cresol	ND	1420	1100	77		1200	84		26-103	9		50
2-Chlorophenol	ND	1420	1000	70		1100	77		25-102	10		50
2,4-Dichlorophenol	ND	1420	1100	77		1300	91		30-130	17		50
2,4-Dimethylphenol	ND	1420	760	53		880	61		30-130	15		50
2-Nitrophenol	ND	1420	990	70		1100	77		30-130	11		50
4-Nitrophenol	ND	1420	1400	98		1400	98		11-114	0		50
2,4-Dinitrophenol	ND	1420	ND	**0**	Q	880	61		4-130	NC		50
4,6-Dinitro-o-cresol	ND	1420	990	70		1000	70		10-130	1		50
Pentachlorophenol	ND	1420	650	46		750	52		17-109	14		50
Phenol	ND	1420	1000	70		1100	77		26-90	10		50
2-Methylphenol	ND	1420	950	67		1000	70		30-130.	5		50
3-Methylphenol/4-Methylphenol	ND	1420	1000	70		1100	77		30-130	10		50
2,4,5-Trichlorophenol	ND	1420	1100	77		1300	91		30-130	17		50
Carbazole	ND	1420	1100	77		1200	84		54-128	9		50

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212869
Report Date: 08/17/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-10 QC Batch ID: WG551041-4 WG551041-5 QC Sample: L1212869-03 Client ID: S-12L-B011-8.5-9.0												
Atrazine	ND	1420	1000	70		1100	77		40-140	10		50
Benzaldehyde	ND	1420	980	69		1100	77		40-140	12		50
Caprolactam	ND	1420	940	66		1200	84		15-130	24		50
2,3,4,6-Tetrachlorophenol	ND	1420	970	68		1200	84		40-140	21		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	71		83		0-136
2-Fluorobiphenyl	72		77		30-120
2-Fluorophenol	75		83		25-120
4-Terphenyl-d14	71		81		18-120
Nitrobenzene-d5	64		73		23-120
Phenol-d6	77		88		10-120

PCBS

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212869-02	Date Collected:	07/17/12 15:45
Client ID:	S-12L-B011-3.5-4.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/27/12 15:49
Analytical Date:	08/01/12 12:18	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/28/12
Percent Solids:	91%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/28/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	21.7	--	1
Aroclor 1221	ND		ug/kg	21.7	--	1
Aroclor 1232	ND		ug/kg	21.7	--	1
Aroclor 1242	104		ug/kg	21.7	--	1
Aroclor 1248	ND		ug/kg	14.4	--	1
Aroclor 1260	ND		ug/kg	14.4	--	1
Aroclor 1262	ND		ug/kg	7.22	--	1
Aroclor 1268	ND		ug/kg	7.22	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	52		30-150
Decachlorobiphenyl	49		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212869-02	Date Collected:	07/17/12 15:45
Client ID:	S-12L-B011-3.5-4.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/27/12 15:49
Analytical Date:	08/01/12 12:18	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/28/12
Percent Solids:	91%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/28/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1254	ND		ug/kg	21.7	--	1

2,4,5,6-Tetrachloro-m-xylene	52	30-150
Decachlorobiphenyl	49	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212869-03	Date Collected:	07/17/12 16:00
Client ID:	S-12L-B011-8.5-9.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/27/12 15:49
Analytical Date:	08/01/12 12:31	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/28/12
Percent Solids:	92%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/28/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	20.9	--	1
Aroclor 1221	ND		ug/kg	20.9	--	1
Aroclor 1232	ND		ug/kg	20.9	--	1
Aroclor 1242	70.1		ug/kg	20.9	--	1
Aroclor 1248	ND		ug/kg	14.0	--	1
Aroclor 1254	ND		ug/kg	20.9	--	1
Aroclor 1260	ND		ug/kg	14.0	--	1
Aroclor 1262	ND		ug/kg	6.98	--	1
Aroclor 1268	ND		ug/kg	6.98	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	49		30-150
Decachlorobiphenyl	51		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212869-04	Date Collected:	07/17/12 16:30
Client ID:	S-12L-B011-13.5-14.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/27/12 15:49
Analytical Date:	08/01/12 12:59	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/28/12
Percent Solids:	94%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/28/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	20.5	--	1
Aroclor 1221	ND		ug/kg	20.5	--	1
Aroclor 1232	ND		ug/kg	20.5	--	1
Aroclor 1248	ND		ug/kg	13.6	--	1
Aroclor 1262	ND		ug/kg	6.83	--	1
Aroclor 1268	ND		ug/kg	6.83	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	59		30-150
Decachlorobiphenyl	55		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212869-04	Date Collected:	07/17/12 16:30
Client ID:	S-12L-B011-13.5-14.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/27/12 15:49
Analytical Date:	08/01/12 12:59	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/28/12
Percent Solids:	94%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/28/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	58.0		ug/kg	20.5	--	1
Aroclor 1254	22.0		ug/kg	20.5	--	1
Aroclor 1260	23.4		ug/kg	13.6	--	1

2,4,5,6-Tetrachloro-m-xylene	59	30-150
Decachlorobiphenyl	55	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212869-05	Date Collected:	07/17/12 16:30
Client ID:	S-12L-B011-16.0-16.5	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/27/12 15:52
Analytical Date:	08/01/12 13:12	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/28/12
Percent Solids:	95%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/28/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	20.2	--	1
Aroclor 1221	ND		ug/kg	20.2	--	1
Aroclor 1232	ND		ug/kg	20.2	--	1
Aroclor 1248	ND		ug/kg	13.5	--	1
Aroclor 1262	ND		ug/kg	6.74	--	1
Aroclor 1268	ND		ug/kg	6.74	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	61		30-150
Decachlorobiphenyl	57		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212869-05	Date Collected:	07/17/12 16:30
Client ID:	S-12L-B011-16.0-16.5	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/27/12 15:52
Analytical Date:	08/01/12 13:12	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/28/12
Percent Solids:	95%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/28/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	40.8		ug/kg	20.2	--	1
Aroclor 1254	51.4		ug/kg	20.2	--	1
Aroclor 1260	321		ug/kg	13.5	--	1

2,4,5,6-Tetrachloro-m-xylene	61	30-150
Decachlorobiphenyl	57	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212869-06	Date Collected:	07/17/12 17:00
Client ID:	S-12L-B011-18.5-19.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/27/12 15:52
Analytical Date:	08/01/12 13:25	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/28/12
Percent Solids:	90%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/28/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	21.2	--	1
Aroclor 1221	ND		ug/kg	21.2	--	1
Aroclor 1232	ND		ug/kg	21.2	--	1
Aroclor 1248	ND		ug/kg	14.2	--	1
Aroclor 1262	ND		ug/kg	7.08	--	1
Aroclor 1268	ND		ug/kg	7.08	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	60		30-150
Decachlorobiphenyl	55		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212869-06	Date Collected:	07/17/12 17:00
Client ID:	S-12L-B011-18.5-19.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/27/12 15:52
Analytical Date:	08/01/12 13:25	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/28/12
Percent Solids:	90%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/28/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	62.4		ug/kg	21.2	--	1
Aroclor 1254	29.6	P	ug/kg	21.2	--	1
Aroclor 1260	28.0		ug/kg	14.2	--	1

2,4,5,6-Tetrachloro-m-xylene	60	30-150
Decachlorobiphenyl	55	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212869-07	Date Collected:	07/17/12 17:00
Client ID:	S-12L-B011-20.0-20.5	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/27/12 15:52
Analytical Date:	08/01/12 13:39	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/28/12
Percent Solids:	92%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/28/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	21.0	--	1
Aroclor 1221	ND		ug/kg	21.0	--	1
Aroclor 1232	ND		ug/kg	21.0	--	1
Aroclor 1242	35.3		ug/kg	21.0	--	1
Aroclor 1248	ND		ug/kg	14.0	--	1
Aroclor 1262	ND		ug/kg	7.01	--	1
Aroclor 1268	ND		ug/kg	7.01	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	40		30-150
Decachlorobiphenyl	39		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212869-07	Date Collected:	07/17/12 17:00
Client ID:	S-12L-B011-20.0-20.5	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/27/12 15:52
Analytical Date:	08/01/12 13:39	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/28/12
Percent Solids:	92%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/28/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1254	ND		ug/kg	21.0	--	1
Aroclor 1260	ND		ug/kg	14.0	--	1

2,4,5,6-Tetrachloro-m-xylene	40	30-150
Decachlorobiphenyl	39	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212869-08	Date Collected:	07/17/12 17:00
Client ID:	S-12L-B011-21.5-22.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/27/12 15:52
Analytical Date:	08/01/12 10:59	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/28/12
Percent Solids:	91%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/28/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	21.3	--	1
Aroclor 1221	ND		ug/kg	21.3	--	1
Aroclor 1232	ND		ug/kg	21.3	--	1
Aroclor 1248	ND		ug/kg	14.2	--	1
Aroclor 1254	ND		ug/kg	21.3	--	1
Aroclor 1260	ND		ug/kg	14.2	--	1
Aroclor 1262	ND		ug/kg	7.09	--	1
Aroclor 1268	ND		ug/kg	7.09	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	52		30-150
Decachlorobiphenyl	49		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212869-08	Date Collected:	07/17/12 17:00
Client ID:	S-12L-B011-21.5-22.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/27/12 15:52
Analytical Date:	08/01/12 10:59	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/28/12
Percent Solids:	91%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/28/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	53.6		ug/kg	21.3	--	1

2,4,5,6-Tetrachloro-m-xylene	52	30-150
Decachlorobiphenyl	49	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212869-09	Date Collected:	07/17/12 17:15
Client ID:	S-12L-B011-22.0-22.5	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/27/12 15:53
Analytical Date:	08/01/12 11:12	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/28/12
Percent Solids:	91%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/28/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	21.9	--	1
Aroclor 1221	ND		ug/kg	21.9	--	1
Aroclor 1232	ND		ug/kg	21.9	--	1
Aroclor 1242	23.9		ug/kg	21.9	--	1
Aroclor 1248	ND		ug/kg	14.6	--	1
Aroclor 1254	ND		ug/kg	21.9	--	1
Aroclor 1260	ND		ug/kg	14.6	--	1
Aroclor 1262	ND		ug/kg	7.31	--	1
Aroclor 1268	ND		ug/kg	7.31	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	60		30-150
Decachlorobiphenyl	55		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

SAMPLE RESULTS

Lab ID:	L1212869-10	Date Collected:	07/17/12 17:15
Client ID:	S-12L-B011-25.5-26.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/27/12 15:53
Analytical Date:	08/01/12 11:25	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/28/12
Percent Solids:	90%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/28/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	21.7	--	1
Aroclor 1221	ND		ug/kg	21.7	--	1
Aroclor 1232	ND		ug/kg	21.7	--	1
Aroclor 1242	29.2		ug/kg	21.7	--	1
Aroclor 1248	ND		ug/kg	14.4	--	1
Aroclor 1254	ND		ug/kg	21.7	--	1
Aroclor 1260	ND		ug/kg	14.4	--	1
Aroclor 1262	ND		ug/kg	7.23	--	1
Aroclor 1268	ND		ug/kg	7.23	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	55		30-150
Decachlorobiphenyl	51		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212869

Project Number: TO-0010-05 **Report Date:** 08/17/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082
Analytical Date: 07/30/12 06:28
Analyst: SS

Extraction Method: EPA 3546
Extraction Date: 07/27/12 15:49
Cleanup Method1: EPA 3665A
Cleanup Date1: 07/28/12
Cleanup Method2: EPA 3660B
Cleanup Date2: 07/28/12

Parameter	Result	Qualifier	Units	RL	MDL
PCB by GC - Westborough Lab for sample(s): 02-10 Batch: WG551388-1					
Aroclor 1016	ND		ug/kg	19.3	--
Aroclor 1221	ND		ug/kg	19.3	--
Aroclor 1232	ND		ug/kg	19.3	--
Aroclor 1242	ND		ug/kg	19.3	--
Aroclor 1248	ND		ug/kg	12.9	--
Aroclor 1254	ND		ug/kg	19.3	--
Aroclor 1260	ND		ug/kg	12.9	--
Aroclor 1262	ND		ug/kg	6.44	--
Aroclor 1268	ND		ug/kg	6.44	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	84		30-150
Decachlorobiphenyl	80		30-150

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212869
Report Date: 08/17/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
PCB by GC - Westborough Lab Associated sample(s): 02-10 QC Batch ID: WG551388-4 WG551388-5 QC Sample: L1212869-03 Client ID: S-12L-B011-8.5-9.0												
Aroclor 1016	ND	213	161	76		194	90		40-140	19		50
Aroclor 1260	ND	213	104	49		112	52		40-140	7		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	58		61		30-150
Decachlorobiphenyl	59		61		30-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212869

Report Date: 08/17/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
PCB by GC - Westborough Lab Associated sample(s): 02-10 Batch: WG551388-2 WG551388-3								
Aroclor 1016	56		62		40-140	10		50
Aroclor 1260	52		52		40-140	0		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	69		65		30-150
Decachlorobiphenyl	65		62		30-150

INORGANICS
&
MISCELLANEOUS

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212869
Report Date: 08/17/12

SAMPLE RESULTS

Lab ID: L1212869-02
Client ID: S-12L-B011-3.5-4.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/17/12 15:45
Date Received: 07/19/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91		%	0.10	NA	1	-	07/19/12 23:45	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212869
Report Date: 08/17/12

SAMPLE RESULTS

Lab ID: L1212869-03
Client ID: S-12L-B011-8.5-9.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/17/12 16:00
Date Received: 07/19/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92		%	0.10	NA	1	-	07/19/12 23:45	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212869
Report Date: 08/17/12

SAMPLE RESULTS

Lab ID: L1212869-04
Client ID: S-12L-B011-13.5-14.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/17/12 16:30
Date Received: 07/19/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94		%	0.10	NA	1	-	07/19/12 23:45	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212869
Report Date: 08/17/12

SAMPLE RESULTS

Lab ID: L1212869-05
Client ID: S-12L-B011-16.0-16.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/17/12 16:30
Date Received: 07/19/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95		%	0.10	NA	1	-	07/19/12 23:45	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212869
Report Date: 08/17/12

SAMPLE RESULTS

Lab ID: L1212869-06
Client ID: S-12L-B011-18.5-19.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/17/12 17:00
Date Received: 07/19/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90		%	0.10	NA	1	-	07/19/12 23:45	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212869
Report Date: 08/17/12

SAMPLE RESULTS

Lab ID: L1212869-07
Client ID: S-12L-B011-20.0-20.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/17/12 17:00
Date Received: 07/19/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92		%	0.10	NA	1	-	07/19/12 23:45	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212869
Report Date: 08/17/12

SAMPLE RESULTS

Lab ID: L1212869-08
Client ID: S-12L-B011-21.5-22.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/17/12 17:00
Date Received: 07/19/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91		%	0.10	NA	1	-	07/19/12 23:45	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212869
Report Date: 08/17/12

SAMPLE RESULTS

Lab ID: L1212869-09
Client ID: S-12L-B011-22.0-22.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/17/12 17:15
Date Received: 07/19/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91		%	0.10	NA	1	-	07/19/12 23:45	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212869
Report Date: 08/17/12

SAMPLE RESULTS

Lab ID: L1212869-10
Client ID: S-12L-B011-25.5-26.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/17/12 17:15
Date Received: 07/19/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90		%	0.10	NA	1	-	07/19/12 23:45	30,2540G	RD

Lab Duplicate Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212869
Report Date: 08/17/12

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 02-10 QC Batch ID: WG549674-1 QC Sample: L1212869-03 Client ID: S-12L-B011-8.5-9.0						
Solids, Total	92	91	%	1		20

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212869
Report Date: 08/17/12

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 07/19/2012 00:00

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1212869-01A	Vial MeOH preserved	A	N/A	5	Y	Absent	8260H-WHG(14)
L1212869-01C	Vial water preserved	A	N/A	5	Y	Absent	-
L1212869-02A	Vial MeOH preserved	A	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212869-02B	Vial water preserved	A	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212869-02C	Vial water preserved	A	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212869-02D	Amber 250ml unpreserved	A	N/A	5	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212869-02E	Amber 250ml unpreserved	A	N/A	5	Y	Absent	-
L1212869-03A	Vial MeOH preserved	A	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212869-03B	Vial water preserved	A	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212869-03C	Vial water preserved	A	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212869-03D	Amber 250ml unpreserved	A	N/A	5	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212869-03E	Amber 250ml unpreserved	A	N/A	5	Y	Absent	-
L1212869-03F	Vial MeOH preserved	A	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212869-03G	Vial water preserved	A	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212869-03H	Vial water preserved	A	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212869-03I	Amber 250ml unpreserved	A	N/A	5	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212869-03J	Amber 250ml unpreserved	A	N/A	5	Y	Absent	-
L1212869-04A	Vial MeOH preserved	A	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212869-04B	Vial water preserved	A	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212869-04C	Vial water preserved	A	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212869-04D	Amber 250ml unpreserved	A	N/A	5	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212869-04E	Amber 250ml unpreserved	A	N/A	5	Y	Absent	-
L1212869-05A	Vial MeOH preserved	A	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212869-05B	Vial water preserved	A	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212869-05C	Vial water preserved	A	N/A	5	Y	Absent	8260HLW-WHG(14)

(*) Values in parentheses indicate holding time in days

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212869
Report Date: 08/17/12

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1212869-05D	Amber 250ml unpreserved	A	N/A	5	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212869-05E	Amber 250ml unpreserved	A	N/A	5	Y	Absent	-
L1212869-06A	Vial MeOH preserved	A	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212869-06B	Vial water preserved	A	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212869-06C	Vial water preserved	A	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212869-06D	Amber 250ml unpreserved	A	N/A	5	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212869-06E	Amber 250ml unpreserved	A	N/A	5	Y	Absent	-
L1212869-07A	Vial MeOH preserved	A	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212869-07B	Vial water preserved	A	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212869-07C	Vial water preserved	A	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212869-07D	Amber 250ml unpreserved	A	N/A	5	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212869-07E	Amber 250ml unpreserved	A	N/A	5	Y	Absent	-
L1212869-08A	Vial MeOH preserved	A	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212869-08B	Vial water preserved	A	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212869-08C	Vial water preserved	A	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212869-08D	Amber 250ml unpreserved	A	N/A	5	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212869-08E	Amber 250ml unpreserved	A	N/A	5	Y	Absent	-
L1212869-09A	Vial MeOH preserved	A	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212869-09B	Vial water preserved	A	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212869-09C	Vial water preserved	A	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212869-09D	Amber 250ml unpreserved	A	N/A	5	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212869-09E	Amber 250ml unpreserved	A	N/A	5	Y	Absent	-
L1212869-10A	Vial MeOH preserved	A	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212869-10B	Vial water preserved	A	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212869-10C	Vial water preserved	A	N/A	5	Y	Absent	8260HLW-WHG(14)
L1212869-10D	Amber 250ml unpreserved	A	N/A	5	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212869-10E	Amber 250ml unpreserved	A	N/A	5	Y	Absent	-

Container Comments

L1212869-01C

L1212869-02B

Values in parentheses indicate holding time in days

Project Name:	NEW BEDFORD AEROVOX	**Lab Number:**	L1212869
Project Number:	TO-0010-05	**Report Date:**	08/17/12

GLOSSARY

Acronyms

EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than five times (5x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit.
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
D	- Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
E	- Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
G	- The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
H	- The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
I	- The RPD between the results for the two columns exceeds the method-specified criteria; however, the lower value has been reported due to obvious interference.
M	- Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
NJ	- Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

Report Format: Data Usability Report

Project Name:	NEW BEDFORD AEROVOX	**Lab Number:**	L1212869
Project Number:	TO-0010-05	**Report Date:**	08/17/12

Data Qualifiers

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the reporting limit (RL) for the sample.

Report Format: Data Usability Report

Project Name:	NEW BEDFORD AEROVOX	**Lab Number:**	L1212869
Project Number:	TO-0010-05	**Report Date:**	08/17/12

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certificate/Approval Program Summary

Last revised August 16, 2012 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0574. ***NELAP Accredited Solid Waste/Soil.***

Drinking Water (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Nickel, Selenium, Silver, Sodium, Thallium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP) 504.1, Ethylene Dibromide (EDB) 504.1, 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223, Enumeration and P/A), E. Coli. – Colilert (SM9223, Enumeration and P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform-EC Medium (SM 9221E).

Wastewater/Non-Potable Water (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), E. Coli – Colilert (SM9223 Enumeration), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E), Enterococcus - Enterolert.

Solid Waste/Soil (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Dalapon, Volatile Organics (SW 8260), Acid Extractables (Phenols) (SW 8270), Benzidines (SW 8270), Phthalates (SW 8270), Nitrosamines (SW 8270), Nitroaromatics & Cyclic Ketones (SW 8270), PAHs (SW 8270), Haloethers (SW 8270), Chlorinated Hydrocarbons (SW 8270).)

Maine Department of Human Services Certificate/Lab ID: 2009024.
Drinking Water (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 353.2, SM2130B, 2320B, 2540C, 4500Cl-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 350.1, 351.1, 353.2, 410.4, 420.1, SM2320B, 2510B, 2540C, 2540D, 426C, 4500Cl-D, 4500Cl-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-B, 4500Norg-C, 4500NH3-B, 4500NH3-G, 4500NO3-F, 4500P-B, 4500P-E, 5210B, 5220D, 5310C, 9010B, 9040B, 9030B, 7470A, 7196A, 2340B, EPA 200.7, 6010B, 200.8, 6020, 245.1, 1311, 1312, 3005A, Enterolert, 9223D, 9222D. Organic Parameters: 608, 624, 625, 8081A, 8082, 8330, 8151A, 8260B, 8270C, 3510C, 3630C, 5030B, ME-DRO, ME-GRO, MA-EPH, MA-VPH.)

Solid Waste/Soil (Inorganic Parameters: 9010B, 9012A, 9014A, 9030B, 9040B, 9045C, 6010B, 7471A, 7196A, 9050A, 1010, 1030, 9065, 1311, 1312, 3005A, 3050B. Organic Parameters: ME-DRO, ME-GRO, MA-EPH, MA-VPH, 8260B, 8270C, 8330, 8151A, 8081A, 8082, 3540C, 3546, 3580A, 3630C, 5030B, 5035.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.
*Drinking Water (*Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl) (EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate); (EPA 353.2 for: Nitrate-N, Nitrite-N); (SM4500NO3-F for: Nitrate-N and Nitrite-N); 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, 2320B, SM2540C, SM4500H-B. Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics); (504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), EPA 332. Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; ColilertQT SM9223B; MF-SM9222D.)

Non-Potable Water (Inorganic Parameters:, (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn); (EPA 200.7

for: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn); 245.1, SM4500H,B, EPA 120.1, SM2510B, 2540C, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.
Organic Parameters: (EPA 624 for Volatile Halocarbons, Volatile Aromatics),(608 for: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT,Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs-Water), (EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables), 600/4-81-045-PCB-Oil. Microbiology Parameters: (ColilertQT SM9223B; Enterolert-QT: SM9222D-MF.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM 9222B, 9223B, 9215B, EPA 200.7, 200.8, 300.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 332.0. Organic Parameters: 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM9222D, 9221B, 9222B, 9221E-EC, EPA 3005A, 200.7, 200.8, 245.1, SW-846 6010B, 6010C, 6020, 6020A, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 350.2, 351.1, 353.2, 410.4, 420.1, 426C, 1664A, SW-846 9010B, 9030B, 9040B, SM2120B, 2310B, 2320B, 2540B, 2540D, 4500H+B, 4500CL-E, 4500CN-E, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500P-E, 4500-S2-D, 5210B, 5220D, 2510B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D, 3060A. Organic Parameters: SW-846 3510C, 3630C, 5030B, 8260B, 8270C, 8270D, 8330, EPA 624, 625, 608, SW-846 8082, 8082A, 8081A, 8081B, 8151A, 8330, 8270C-SIM, 8270D-SIM.)

Solid & Chemical Materials (Inorganic Parameters: SW-846 6010B, 6010C, 7196A, 7471A, 1010, 1030, 9010, 9012A, 9014, 9030B, 9040B, 9045C, 9050, 9065,1311, 1312, 3005A, 3050B, 3060A. Organic Parameters: SW-846 3540C, 3546, 3050B, 3580A, 3630C, 5030B, 5035, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330, 8151A, 8015B, 8015C, 8082, 8082A, 8081A, 8081B.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9222B, 9221E, 9223B, 9215B, 4500CN-CE, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 200.8, 245.1, 2540C, SM2120B, 2320B, 2510B, 5310C, SM4500H-B. Organic Parameters: EPA 332, 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM5210B, EPA 410.4, SM5220D, 4500Cl-E, EPA 300.0, SM2120B, 2340B, SM4500F-BC, EPA 200.7, 200.8, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310B, C or D, 4500-PE, EPA 420.1, SM510ABC, SM4500P-B5+E, 2540B, 2540C, 2540D, 2540G, EPA 120.1, SM2510B, SM2520B, SM15 426C, 9222D, 9221B, 9221C, 9221E, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, EPA 350.1, 350.2, SW-846 1312, 7470A, 5540C, SM4500H-B, 4500SO3-B, SM3500Cr-D, 4500CN-CE, EPA 245.1, SW-846 9040B, 3005A, 3015, EPA 6010B, 6010C, 6020, 6020A, 7196A, 3060A, SW-846 9010B, 9030B. Organic Parameters: SW-846 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3510C, EPA 608, 624, 625, SW-846 3630C, 5030B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 1,4-Dioxane by NJ Modified 8270, 8015B, NJ EPH.)

Solid & Chemical Materials (Inorganic Parameters: SW-846, 6010B, 6010C, 6020, 6020A, 7196A, 3060A, 9010B, 9030B, 1010, 1030, 1311, 1312, 3005A, 3050B, 7471A, 7471B, 9014, 9012A, 9040B, 9040C, 9045C, 9045D, 9050A, 9065, 9251. Organic Parameters: SW-846 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3540C, 3546, 3580A, 3630C, 5030B, 5035L, 5035H, NJ OQA-QAM-025 Rev.7, NJ EPH.)

New York Department of Health Certificate/Lab ID: 11148. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.2, SM5310C, EPA 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500NO3-F, 2540C, SM 2510B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, 5310C, EPA 410.4, SM5220D, 2310B-4a, 2320B, EPA 200.7, 300.0, SM4500CL-E, 4500F-C, SM15 426C, EPA 350.1, SM4500NH3-BH, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010B, 6010C, 6020, 6020A, EPA 7196A, SM3500Cr-D, EPA 245.1, 245.2, 7470A, SM2120B, LACHAT 10-204-00-1-A, 4500CN-CE, EPA 1664A, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 3005A, 3015, 9010B, 9030B. Organic Parameters: EPA 624, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 625, 608, 8081A, 8081B, 8151A, 8330, 8082, 8082A, EPA 3510C, 5030B.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010, 1030, EPA 6010B, 6010C, 7196A, 7471A, 7471B, 9012A, 9014, 9065, 9050A, EPA 1311, 1312, 3005A, 3050B, 9010B, 9040C, 9045D. Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8015B, 8015C, 8081A, 8081B, 8151A, 8330, 8082 8082A, 3540C, 3546, 3580, 3580A, 5030B, 5035A-H, 5035A-L.)

North Carolina Department of the Environment and Natural Resources Certificate/Lab ID : 666. (Inorganic Parameters: SM2310B, 2320B, 4500Cl-E, 4500Cn-E, 9014, Lachat 10-204-00-1-X, 1010A, 1030, 4500NO3-F, 353.2, 4500P-E, 4500SO4-E, 300.0, 4500S-D, 5310B, 5310C, 6010C, 6020A, 200.7, 200.8, 3500Cr-B, 7196A, 245.1, 7471A, 7471B, 1311,1312. Organic Parameters: 608, 8081B, 8082A, 624, 8260B, 625, 8270D, 8151A, 8015C, 504.1, MA-EPH, MA-VPH.)

Drinking Water Program Certificate/Lab ID: 25700. (Inorganic Parameters: Chloride EPA 300.0. Organic Parameters: 524.2)

Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: 200.7, 200.8, 245.2, 300.0, 332.0, 2120B, 2320B, 2510B, 2540C, 4500-CN-CE, 4500F-C, 4500H+-B, 4500NO3-F, 5310C. Organic Parameters: EPA 524.2, 504.1)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1312, 3005A,3015, 3060A, 200.7, 200.8, 410.4, 1664A, SM2540D, 5210B, 5220D, 4500-P,BE, 245.1, 300.0, 3501., 350.2, 353.2, 420.1, 6010B, 6010C, 6020, 6020A, 7196A, 7470A, 9010B, 9030B, 9040B, Lachat 10-107-06-2-D, NJ-EPH, 2120B, 2310B, 2320B, 2340B, 2510C, 2540B, 2540C, 3500Cr-D, 436C, 4500CN-CE, 4500Cl-E, 4500F-B, 4500F-C, 4500H+-B, 4500NO2-B, 4500NO3-F, 4500S-D, 4500SO3-B, 5310BCD, 5540C. Organic Parameters: EPA 3510C, 3630C, 5030B, 625, 624, 608, 8081A, 8081B, 8082, 8082A, 8151A, 8260B, 8270C, 8270D, 8330, 8015B,)

Solid & Hazardous Waste (Inorganic Parameters: EPA 350.1, 1010, 1030, 1311, 1312, 3005A, 3050B, 3060A, 6010B, 6010C, 6020A, 7196A, 7471A, 7471B, 9010B, 9012A, 9014, 9040B, 9045C, 9050, 9065, SM 4500NH3-BH, 9030B, 9038, 9251. Organic Parameters: 3540C, 3546, 3580A, 3630C, 5035, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330, NJ-EPH.)

Rhode Island Department of Health Certificate/Lab ID: LAO00065. ***NELAP Accredited via NJ-DEP.***
Refer to MA-DEP Certificate for Potable and Non-Potable Water.
Refer to NJ-DEP Certificate for Potable and Non-Potable Water.

Texas Commisson on Environmental Quality Certificate/Lab ID: T104704476-09-1. ***NELAP Accredited.***
Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 $S2^{-}$D, 510C, 5210B, 5220D, 5310C, 5540C. Organic Parameters: EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

Virginia Division of Consolidated Laboratory Services Certificate/Lab ID: 460195. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: EPA 200.7, 200.8, 300.0, 2510B, 2120B, 2540C, 4500CN-CE, 245.2, 2320B, 4500F-C, 4500F-C, 4500NO3-F, 5310C. Organic Parameters: EPA 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 200.7, 2..08, 245.1, 300.0, 3005A, 3015, 1312, 6010B, 6010C, 3060A, 353.2, 420.1, 6020, 6020A, SM4500S-D, SM4500-CN-CE, Lachat 10-204-00-1-X, 7196A, 7470A, 9010B, 9040B, 2310B, 2320B, 2510B, 2540B, 2540C, 3500Cr-D, 426C, 4500Cl-E, 4500F-B, 4500F-C, 4500PE, 510AC, 5210B, 5310B 5310C, 5540C. Organic Parameters: EPA 3510C, 3630C, 5030B, 8260B, 608, 624, 625, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330,)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010A, 1030, 3060A, 3050B, 1311, 1312, 6010B, 6010C, 6020, , 7196A, 7471A, 7471B, 6020A, 9030B, 9010B, 9012A, 9014 9040B, 9045C, 9050A, 9065. Organic Parameters: EPA 5035, 3540C, 3546, 3550, 3580, 3630C, 8260B, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330.)

Department of Defense, L-A-B Certificate/Lab ID: L2217.
Drinking Water (Inorganic Parameters: SM 4500H-B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: EPA 200.7, 200.8, 6010B, 6010C, 6020, 6020A, 245.1, 245.2, 7470A, 9040B, 9010B, 180.1. 300.0, 332.0, 6860, 353.2, 410.4, 9060, 1664A, SM 4500CN-E, 4500H-B, 4500NO3-F, 4500CL-D, 5220D, 5310C, 2130B, 2320B, 2540C, 3005A, 3015, 9010B, 9056. Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A, 8082, 8082A, 8031A, 8081B, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 200.7, 6010B, 6010C, 7471A, 6860, 1311, 1312, 3050B, 7196A, 9010B, 9012A, 9040B, 9045C, 3500-CR-D, 4500CN-CE, 2540G, Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A/B-prep, 8082, 8082A, 8081A, 8081B, 3540C, 3546, 3580A, 5035A, MassDEP EPH, MassDEP VPH.)

The following analytes are not included in our current NELAP/TNI Scope of Accreditation:
EPA 8260B: Freon-113, 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8330A:** PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C:** Methyl naphthalene, Dimethyl naphthalene, Total Methylnapthalenes, Total Dimethylnaphthalenes, 1,4-Diphenylhydrazine (Azobenzene). **EPA 625:** 4-Chloroaniline, 4-Methylphenol. Total Phosphorus in a soil matrix, Chloride in a soil matrix, TKN in a soil matrix, NO2 in a soil matrix, NO3 in a soil matrix, SO4 in a soil matrix. **EPA 9071:** Total Petroleum Hydrocarbons, Oil & Grease.

MANSFIELD CHAIN OF CUSTODY

PAGE 1 OF 5

ALPHA ANALYTICAL

WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193

MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 7/19/12

ALPHA Job #: L1212869

Client Information

Client: Woods Hole Group

Address: 81 Technology Park Dr
East Falmouth, MA 02536

Phone: 508-540-8080

Fax: 508-540-1001

Email: DWALSH@WHGRP.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox

Project Location: New Bedford, MA

Project #: TO-00016-05

Project Manager: Dave Walsh

ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 8/2/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL

☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program | Criteria

Other Project Specific Requirements/Comments/Detection Limits:
Project-specific EDD. Homogenize before analysis. Samples frozen or analyzed immediately upon receipt (hold time)

PLEASE NOTE MS/MSD (at unit cost) will be omitted unless you check here: ☐

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC	Low VOC	SVOC, Total Solids, PCB	PCB Congeners (Archive)	TOTAL # BOTTLES	Sample Specific Comments
1286 9, 1	TB-071912-01	7/19/12	0700		DGS	X					Trip Blank
.1	TB-071912-02	7/19/12	0700		DGS		X			2	Trip Blank
.2	S-12L-B011-3.5-4.0	7/17/12	1545	SE	DGS	X				1	
.2	S-12L-B011-3.5-4.0						X			3	
.2	S-12L-B011-3.5-4.0							X			All 3 analyses
.2	S-12L-B011-3.5-4.0								X		Archive
3	S-12L-B011-8.5-9.0		1600			X					
3	S-12L-B011-8.5-9.0						X				
3	S-12L-B011-8.5-9.0							X			All 3 analyses
3	S-12L-B011-8.5-9.0								X		Archive

Container Type	V	V	A	A							
Preservative	F	O	A	A							

SAMPLE HANDLING

Filtration
☐ Done ☐ Not needed ☐ Lab to do

Preservation
☐ Lab to do

(Please specify below)

Relinquished By:	Date/Time	Received By:	Date/Time
	11:25 7/19/12		7/19/12 1125

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 101-09 (rev. 27-SEP-10)

Sediment Boring Collection and Analysis Off the Former Aerovox Site Property Shoreline W912WJ-09-D-0001

CHAIN OF CUSTODY

PAGE 2 OF 5

Date Rec'd in Lab: 7/19/12

ALPHA Job #: L1212869

ALPHA ANALYTICAL

WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 8/2/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

Project-specific EDD. Homogenize before analysis. Samples must be frozen or analyzed immediately due to hold time

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
12869.3	S-12L-B011-8.5-9.0MSMSD	7/17/12	1600	SE	DGS	X				MSMSD	2
3	S-12L-B011-8.5-9.0MSMSD						X			MSMSD	2
3	S-12L-B011-8.5-9.0MSMSD							X		MSMSD, all 3 analyses	1
3	S-12L-B011-8.5-9.0MSMSD								X	MSMSD, Archive	1
.4	S-12L-B011-13.5-14.0		1630			X					1
.4	S-12L-B011-13.5-14.0						X				2
.4	S-12L-B011-13.5-14.0							X		All 3 analyses	1
.4	S-12L-B011-13.5-14.0								X	Archive	1
.5	S-12L-B011-16.0-16.5					X					1
.5	S-12L-B011-16.0-16.5						X				2
					Container Type	V	V	A	A		
					Preservative	F	O	A	A		

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	07/19/12 11:25	[signature]	7/19/12 11:25

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Sediment Boring Collection and Analysis
Off the Former Aerovox Site Property Shoreline
W912WJ-09-D-0001
Del Order 0-05
April 2013

CHAIN OF CUSTODY

PAGE 3 OF 5

Date Rec'd in Lab: 7/19/12

ALPHA Job #: L1212869

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 8/2/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

Project-specific EPD: Homogenize before analysis. Samples must be frozen or analyzed immediately due to hold time

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
12869.5	S-12L-B011-16.0-16.5	7/17/12	1630	SE	DGS			X		All 3 analyses	1
.5	S-12L-B011-16.0-16.5		1630						X	Archive	1
.6	S-12L-B011-~~18.5~~ DGS 18.5-19.0		1700			X					1
.6	S-12L-B011-18.5-19.0						X				2
.6	S-12L-B011-18.5-19.0							X		All 3 analyses	1
.6	S-12L-B011-18.5-19.0								X	Archive	1
.7	S-12L-B011-20.0-20.5					X					1
.7	S-12L-B011-20.0-20.5						X				2
.7	S-12L-B011-20.0-20.5							X		All 3 analyses	1
.7	S-12L-B011-20.0-20.5								X	Archive	1

Container Type	V	V	A	A
Preservative	F	O	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	07/19/12 11:25	[signature]	7/19/12 1125

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

CHAIN OF CUSTODY

PAGE 4 OF 5

Date Rec'd in Lab: 7/19/12

ALPHA Job #: L1212869

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 8/2/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:
If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
Project Specific EDD. Homogenize before ananlysis. Samples must be frozen or analyzed immediately due to hold time

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
12869.8	S-12L-B011-21.5-22.0	7/17/12	1700	SE	DGS	X					1
8	S-12L-B011-21.5-22.0						X				2
8	S-12L-B011-21.5-22.0							X		All 3 analyses	1
8	S-12L-B011-21.5-22.0								X	Archive	1
.9	S-12L-B011-22.0-22.5		1715			X					1
9	S-12L-B011-22.0-22.5						X				2
9	S-12L-B011-22.0-22.5							X		All 3 analyses	1
9	S-12L-B011-22.0-22.5								X	Archive	1
.10	S-12L-B011-25.5-26.0					X					1
10	S-12L-B011-25.5-26.0						X				2

Container Type	V	V	A	A
Preservative	F	O	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	07/19/12 11:25	[signature]	7/19/12 1125

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Sediment Boring Collection and Analysis
Off the Former Aerovox Site Property Shoreline
W912WJ-09-D-0001
Del. Order ...-05
April 2013

CHAIN OF CUSTODY

PAGE 5 OF 5

Date Rec'd in Lab: 7/19/12

ALPHA Job #: L212869

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 8/2/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

Project-specific EDD, Homogenize before analysis. Samples must be frozen or analyzed immediately due to hold time

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
12869.10	S-12L-B011-25.5-26.0	7/17/12	1715	SE	DGS			X		All 3 analyses	D-183
10	S-12L-B011-25.5-26.0	⊥	⊥	⊥	⊥				X	Archive	1

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Container Type	V	V	A	A
Preservative	F	O	A	A

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	07/19/12 11:25	[signature]	7/19/12 1125

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

MANSFIELD CHAIN OF CUSTODY

PAGE 1 OF 5

Date Rec'd in Lab: 7/19/12

ALPHA Job #: L1212869

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Serial_No:08171217:15

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 8/2/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program Criteria

Other Project Specific Requirements/Comments/Detection Limits:
Project-specific EDD. Homogenize before analysis. Samples frozen or analyzed immediately upon receipt (hold time)

PLEASE NOTE
MS/MSD (at unit cost) will be omitted unless you check here: ☐

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC	Low VOC	SVOC, Total Solids, PCB, Aroclor	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
12869.1	TB-071912-01	7/19/12	0700		DGS	X				Trip Blank	1
.1	TB-071912-02	7/19/12	0700		DGS		X			Trip Blank	2
.2	S-12L-B011-3.5-4.0	7/17/12	1545	SE	DGS	X					1
.2	S-12L-B011-3.5-4.0						X				2
.2	S-12L-B011-3.5-4.0							X		All 3 analyses	
.2	S-12L-B011-3.5-4.0								X	Archive	
3	S-12L-B011-8.5-9.0		1600			X					
3	S-12L-B011-8.5-9.0						X				
3	S-12L-B011-8.5-9.0							X		All 3 analyses	
3	S-12L-B011-8.5-9.0								X	Archive	

Container Type	V	V	A	A
Preservative	F	O	A	A

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	11:25 7/19/12	[signature]	7/19/12 1125
[signature]	7/19/12 1700	M.C.M.	7/19/12 1700
M.C.M.	7/19/12 1755	Lilian Sullivan	7/19/12 17:55

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 101-09 (rev. 27-SEP-10)

Delivery Order 0010-05 April 2013

D-185

Sediment Boring Collection and Analysis Off the Former Aerovox Site Property Shoreline W912WJ-09-D-0001

CHAIN OF CUSTODY

PAGE 2 OF 5

Date Rec'd in Lab: 7/19/12

ALPHA Job #: L1212869

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Serial_No:08171217:15

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 8/2/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY — CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

Project-specific EDD. Homogenize before analysis. Samples must be frozen or analyzed immediately due to hold time

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid, PCB, Aroclor	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
12869.3	S-12L-B011-8.5-9.0MSMSD	7/17/12	1600	SE	DGS	X				MSMSD	2
3	S-12L-B011-8.5-9.0MSMSD						X			MSMSD	2
3	S-12L-B011-8.5-9.0MSMSD							X		MSMSD, all 3 analyses	1
3	S-12L-B011-8.5-9.0MSMSD								X	MSMSD, Archive	1
.4	S-12L-B011-13.5-14.0		1630			X					1
.4	S-12L-B011-13.5-14.0						X				1
.4	S-12L-B011-13.5-14.0							X		All 3 analyses	1
.4	S-12L-B011-13.5-14.0								X	Archive	1
.5	S-12L-B011-16.0-16.5					X					1
.5	S-12L-B011-16.0-16.5						X				1

Container Type	V	V	A	A
Preservative	F	O	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	07/19/12 11:25	[signature]	7/19/12 11:25
[signature]	7/19/12 1700	[signature]	7/19/12 1700
[signature]	7/19/12 1755	[signature]	7/19/12 17:55

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Sediment Boring Collection and Analysis Off the Former Aerovox Site Property Shoreline W912WJ-09-D-0001
Delivery Order 0010-05 April 2013

CHAIN OF CUSTODY

PAGE 3 OF 5

Date Rec'd in Lab: 7/19/12

ALPHA Job #: L2128669

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM
☐ These samples have been previously analyzed by Alpha

Serial_No:08171217:15

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 8/2/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY -- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

Project-specific EPD: Homogenize before analysis. Samples must be frozen or analyzed immediately due to hold time

ANALYSIS

- High VOC
- Low VOC
- SVOC, Total Solid PCB
- PCB Congener (Archive)

SAMPLE HANDLING

Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid PCB	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
12869.5	S-12L-B011-16.0-16.5	7/17/12	1630	SE	DGS			X		All 3 analyses	7
.5	S-12L-B011-16.0-16.5		1630						X	Archive	1
.6	S-12L-B011-18.5-19.0		1700			X					2
.6	S-12L-B011-18.5-19.0						X				2
.6	S-12L-B011-18.5-19.0							X		All 3 analyses	7
.6	S-12L-B011-18.5-19.0								X	Archive	1
.7	S-12L-B011-20.0-20.5					X					2
.7	S-12L-B011-20.0-20.5						X				2
.7	S-12L-B011-20.0-20.5							X		All 3 analyses	7
.7	S-12L-B011-20.0-20.5								X	Archive	1

Container Type	V	V	A	A							
Preservative	F	0	A	A							

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
	07/19/12 11:25		7/19/12 1125
	7/19/12 1700		7/18/12 1700
YCH	7/19/12 1725	Lilian Sullivan	7/19/12 17:55

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Delivery Order 0014-05 April 2013

Sediment Boring Collection and Analysis Off the Former Aerovox Site Property Shoreline W912WJ-09-D-0001

CHAIN OF CUSTODY

PAGE 4 OF 5

Date Rec'd in Lab: 7/19/12

ALPHA Job #: L1212869

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Serial_No:01712117:15

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 8/2/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

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If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
Project Specific EDD, Homogenize before ananlysis. Samples must be frozen or analyzed immediately due to hold time

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC	Low VOC	SVOC Total Solid, PCB Aroclor	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
12869.8	S-12L-B011-21.5-22.0	7/17/12	1700	SE	DGS	X					2
8	S-12L-B011-21.5-22.0						X				2
8	S-12L-B011-21.5-22.0							X		All 3 analyses	1
8	S-12L-B011-21.5-22.0								X	Archive	1
.9	S-12L-B011-22.0-22.5		1715			X					2
9	S-12L-B011-22.0-22.5						X				2
9	S-12L-B011-22.0-22.5							X		All 3 analyses	1
9	S-12L-B011-22.0-22.5								X	Archive	1
.10	S-12L-B011-25.5-26.0					X					2
10	S-12L-B011-25.5-26.0						X				2

Container Type	V	V	A	A
Preservative	F	O	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	07/19/12 11:25	[signature]	7/19/12 1125
[signature]	7/19/12 1700	[signature]	7/19/12 1700
[signature]	7/19/12 1755	[signature]	7/19/12 17:55

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Delivery Order 0010-05 April 2013

Sediment Boring Collection and Analysis
Off the Former Aerovox Site Property Shoreline
W912WJ-09-D-0001

CHAIN OF CUSTODY

PAGE 5 OF 5

Date Rec'd in Lab: 7/19/12

ALPHA Job #: L1212869

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Serial_No:08171217:15

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 8/2/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State / Fed / Program Criteria

MA MCP PRESUMPTIVE CERTAINTY — CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required , indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
Project-Specific EDD. Homogenize before analysis. Samples must be frozen or analyzed immediately due to hold time

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC	Low VOC	SVOC, Total Solid, PCB	PCB Congener (Archive)	Sample Specific Comments
12869.10	S-12L-B011-25.5-26.0	7/17/12	1715	SE	DGS			X		All 3 analyses
10	S-12L-B011-25.5-26.0	⊥	⊥	⊥	⊥				X	Archive

SAMPLE HANDLING

Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

Container Type	V	V	A	A
Preservative	F	O	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
	07/19/12 11:25		7/19/12 1125
	7/19/12 1700		7/19/12 1700
	7/19/12 1755	Eileen Sullivan	7/19/12 17:55

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Delivery Order 0010-05 April 2013

Settlement Boring Collection and Analysis
Off the Former Aerovox Site Property Shoreline
W912WJ-09-D-0001

ANALYTICAL REPORT

Lab Number:	L1212918
Client:	Woods Hole Group 81 Technology Park Drive East Falmouth, MA 02536
ATTN:	Dave Walsh
Phone:	(508) 540-8080
Project Name:	NEW BEDFORD AEROVOX
Project Number:	TO-0010-05
Report Date:	09/19/12

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212918
Report Date: 09/19/12

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1212918-01	TB-071912-03	NEW BEDFORD, MA	07/19/12 12:00
L1212918-02	S-12L-B007-0.5-1.0	NEW BEDFORD, MA	07/14/12 14:10
L1212918-03	S-12L-B007-1.5-2.0	NEW BEDFORD, MA	07/14/12 14:10
L1212918-04	S-12L-B007-2.5-3.0	NEW BEDFORD, MA	07/14/12 14:10
L1212918-05	S-12L-B007-2.5-3.0REP	NEW BEDFORD, MA	07/14/12 14:10
L1212918-06	S-12L-B007-5.0-5.5	NEW BEDFORD, MA	07/14/12 14:30
L1212918-07	S-12L-B007-10.0-10.5	NEW BEDFORD, MA	07/14/12 14:45
L1212918-08	S-12L-B007-14.5-15.0	NEW BEDFORD, MA	07/14/12 15:00
L1212918-09	S-12L-B007-15.5-16.0	NEW BEDFORD, MA	07/14/12 15:00
L1212918-10	S-12L-B007-19.5-20.0	NEW BEDFORD, MA	07/14/12 15:20
L1212918-11	S-12L-B007-20.5-21.0	NEW BEDFORD, MA	07/14/12 15:20
L1212918-12	S-12L-B007-30.0-30.5	NEW BEDFORD, MA	07/14/12 16:05
L1212918-13	S-12L-B007-32.5-33.0	NEW BEDFORD, MA	07/14/12 16:05
L1212918-14	S-12L-B007-34.5-35.0	NEW BEDFORD, MA	07/14/12 16:20
L1212918-15	S-12L-B012-1.0-1.5	NEW BEDFORD, MA	07/18/12 07:55
L1212918-16	S-12L-B012-1.0-1.5 REP	NEW BEDFORD, MA	07/18/12 07:55
L1212918-17	S-12L-B012-2.0-2.5	NEW BEDFORD, MA	07/18/12 07:55
L1212918-18	EB-071912-01	NEW BEDFORD, MA	07/19/12 16:00
L1212918-19	TB-071912-05	NEW BEDFORD, MA	07/19/12 00:00
L1212918-20	TB-071912-04	NEW BEDFORD, MA	07/19/12 00:00

Project Name:	NEW BEDFORD AEROVOX	**Lab Number:**	L1212918
Project Number:	TO-0010-05	**Report Date:**	09/19/12

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples free of charge for 30 days from the date the project is completed. After 30 days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples.

Please contact Client Services at 800-624-9220 with any questions.

Project Name:	NEW BEDFORD AEROVOX	**Lab Number:**	L1212918
Project Number:	TO-0010-05	**Report Date:**	09/19/12

Case Narrative (continued)

Report Submission

This report replaces the report issued August 22, 2012. The report was amended to correct the ID of sample L1212918-20.

Volatile Organics by GC/MS

L1212918-07 was analyzed as a High Level Methanol in order to quantitate the sample within the calibration range. The result should be considered estimated, and is qualified with an E flag, for any compound that exceeded the calibration on the initial Low Level analysis. The results of both analyses are reported.

Semi-Volatile Organics by GC/MS

L1212918-02, -15, -16 has elevated detection limits due to the dilution required by the sample matrix.

PCB

The surrogate recoveries for L1212918-02 were below the acceptance criteria for Decachlorobiphenyl (29%); however, the criteria were achieved upon re-extraction outside of holding time. The results of both extractions are reported; however, all associated compounds are considered to have a potentially low bias.

L1212918-02, -15, -16 has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

The dual column RPD for L1212918-07 is above the acceptance criteria for AR1242; however, no obvious column interferences are present. The higher of the two results is reported and qualified with a "P".

The surrogate recoveries for L1212918-16 were below the acceptance criteria for Decachlorobiphenyl (25%); however, the criteria were achieved upon re-extraction outside of holding time. The results of both extractions are reported; however, all associated compounds are considered to have a potentially low bias.

L1212918-16RE has elevated detection limits due to the dilution required by matrix interferences encountered

Project Name:	NEW BEDFORD AEROVOX	**Lab Number:**	L1212918
Project Number:	TO-0010-05	**Report Date:**	09/19/12

Case Narrative (continued)

during the concentration of the sample.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Cynthia McQueen

Title: Technical Director/Representative Date: 09/19/12

ORGANICS

VOLATILES

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-01	Date Collected:	07/19/12 12:00
Client ID:	TB-071912-03	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260C		
Analytical Date:	07/25/12 12:59		
Analyst:	BN		
Percent Solids:	Results reported on an 'AS RECEIVED' basis.		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	10	--	1
1,1-Dichloroethane	ND		ug/kg	2.0	--	1
Chloroform	ND		ug/kg	2.0	--	1
Carbon tetrachloride	ND		ug/kg	2.0	--	1
1,2-Dichloropropane	ND		ug/kg	4.0	--	1
Dibromochloromethane	ND		ug/kg	2.0	--	1
1,1,2-Trichloroethane	ND		ug/kg	2.0	--	1
Tetrachloroethene	ND		ug/kg	2.0	--	1
Chlorobenzene	ND		ug/kg	2.0	--	1
Trichlorofluoromethane	ND		ug/kg	5.0	--	1
1,2-Dichloroethane	ND		ug/kg	2.0	--	1
1,1,1-Trichloroethane	ND		ug/kg	2.0	--	1
Bromodichloromethane	ND		ug/kg	2.0	--	1
trans-1,3-Dichloropropene	ND		ug/kg	2.0	--	1
cis-1,3-Dichloropropene	ND		ug/kg	2.0	--	1
Bromoform	ND		ug/kg	4.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.0	--	1
Benzene	ND		ug/kg	2.0	--	1
Toluene	ND		ug/kg	2.0	--	1
Ethylbenzene	ND		ug/kg	2.0	--	1
Chloromethane	ND		ug/kg	5.0	--	1
Bromomethane	ND		ug/kg	2.0	--	1
Vinyl chloride	ND		ug/kg	2.0	--	1
Chloroethane	ND		ug/kg	2.0	--	1
1,1-Dichloroethene	ND		ug/kg	2.0	--	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	--	1
Trichloroethene	ND		ug/kg	2.0	--	1
1,2-Dichlorobenzene	ND		ug/kg	5.0	--	1
1,3-Dichlorobenzene	ND		ug/kg	5.0	--	1
1,4-Dichlorobenzene	ND		ug/kg	5.0	--	1
Methyl tert butyl ether	ND		ug/kg	2.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-01 Date Collected: 07/19/12 12:00

Client ID: TB-071912-03 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	4.0	--	1
o-Xylene	ND		ug/kg	4.0	--	1
Xylenes, Total	ND		ug/kg	4.0	--	1
cis-1,2-Dichloroethene	ND		ug/kg	2.0	--	1
Styrene	ND		ug/kg	4.0	--	1
Dichlorodifluoromethane	ND		ug/kg	10	--	1
Acetone	ND		ug/kg	36	--	1
Carbon disulfide	ND		ug/kg	10	--	1
2-Butanone	ND		ug/kg	10	--	1
4-Methyl-2-pentanone	ND		ug/kg	10	--	1
2-Hexanone	ND		ug/kg	10	--	1
Bromochloromethane	ND		ug/kg	5.0	--	1
1,2-Dibromoethane	ND		ug/kg	4.0	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	--	1
Isopropylbenzene	ND		ug/kg	2.0	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	--	1
Methyl Acetate	ND		ug/kg	20	--	1
Cyclohexane	ND		ug/kg	20	--	1
1,4-Dioxane	ND		ug/kg	100	--	1
Methyl cyclohexane	ND		ug/kg	4.0	--	1
Freon-113	ND		ug/kg	20	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	99		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-01	Date Collected:	07/19/12 12:00
Client ID:	TB-071912-03	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260C		
Analytical Date:	07/26/12 17:05		
Analyst:	BN		
Percent Solids:	Results reported on an 'AS RECEIVED' basis.		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	500	--	1
1,1-Dichloroethane	ND		ug/kg	100	--	1
Chloroform	ND		ug/kg	100	--	1
Carbon tetrachloride	ND		ug/kg	100	--	1
1,2-Dichloropropane	ND		ug/kg	200	--	1
Dibromochloromethane	ND		ug/kg	100	--	1
1,1,2-Trichloroethane	ND		ug/kg	100	--	1
Tetrachloroethene	ND		ug/kg	100	--	1
Chlorobenzene	ND		ug/kg	100	--	1
Trichlorofluoromethane	ND		ug/kg	250	--	1
1,2-Dichloroethane	ND		ug/kg	100	--	1
1,1,1-Trichloroethane	ND		ug/kg	100	--	1
Bromodichloromethane	ND		ug/kg	100	--	1
trans-1,3-Dichloropropene	ND		ug/kg	100	--	1
cis-1,3-Dichloropropene	ND		ug/kg	100	--	1
Bromoform	ND		ug/kg	200	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	100	--	1
Benzene	ND		ug/kg	100	--	1
Toluene	ND		ug/kg	100	--	1
Ethylbenzene	ND		ug/kg	100	--	1
Chloromethane	ND		ug/kg	250	--	1
Bromomethane	ND		ug/kg	100	--	1
Vinyl chloride	ND		ug/kg	100	--	1
Chloroethane	ND		ug/kg	100	--	1
1,1-Dichloroethene	ND		ug/kg	100	--	1
trans-1,2-Dichloroethene	ND		ug/kg	100	--	1
Trichloroethene	ND		ug/kg	100	--	1
1,2-Dichlorobenzene	ND		ug/kg	250	--	1
1,3-Dichlorobenzene	ND		ug/kg	250	--	1
1,4-Dichlorobenzene	ND		ug/kg	250	--	1
Methyl tert butyl ether	ND		ug/kg	100	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-01 Date Collected: 07/19/12 12:00

Client ID: TB-071912-03 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	200	--	1
o-Xylene	ND		ug/kg	200	--	1
Xylenes, Total	ND		ug/kg	200	--	1
cis-1,2-Dichloroethene	ND		ug/kg	100	--	1
Styrene	ND		ug/kg	200	--	1
Dichlorodifluoromethane	ND		ug/kg	500	--	1
Acetone	ND		ug/kg	1800	--	1
Carbon disulfide	ND		ug/kg	500	--	1
2-Butanone	ND		ug/kg	500	--	1
4-Methyl-2-pentanone	ND		ug/kg	500	--	1
2-Hexanone	ND		ug/kg	500	--	1
Bromochloromethane	ND		ug/kg	250	--	1
1,2-Dibromoethane	ND		ug/kg	200	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	--	1
Isopropylbenzene	ND		ug/kg	100	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	250	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	250	--	1
Methyl Acetate	ND		ug/kg	1000	--	1
Cyclohexane	ND		ug/kg	1000	--	1
1,4-Dioxane	ND		ug/kg	5000	--	1
Methyl cyclohexane	ND		ug/kg	200	--	1
Freon-113	ND		ug/kg	1000	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	98		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-02	Date Collected:	07/14/12 14:10
Client ID:	S-12L-B007-0.5-1.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260C		
Analytical Date:	07/25/12 13:27		
Analyst:	BN		
Percent Solids:	51%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	33	--	1
1,1-Dichloroethane	ND		ug/kg	6.5	--	1
Chloroform	ND		ug/kg	6.5	--	1
Carbon tetrachloride	ND		ug/kg	6.5	--	1
1,2-Dichloropropane	ND		ug/kg	13	--	1
Dibromochloromethane	ND		ug/kg	6.5	--	1
1,1,2-Trichloroethane	ND		ug/kg	6.5	--	1
Tetrachloroethene	ND		ug/kg	6.5	--	1
Chlorobenzene	ND		ug/kg	6.5	--	1
Trichlorofluoromethane	ND		ug/kg	16	--	1
1,2-Dichloroethane	ND		ug/kg	6.5	--	1
1,1,1-Trichloroethane	ND		ug/kg	6.5	--	1
Bromodichloromethane	ND		ug/kg	6.5	--	1
trans-1,3-Dichloropropene	ND		ug/kg	6.5	--	1
cis-1,3-Dichloropropene	ND		ug/kg	6.5	--	1
Bromoform	ND		ug/kg	13	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	6.5	--	1
Benzene	ND		ug/kg	6.5	--	1
Toluene	ND		ug/kg	6.5	--	1
Ethylbenzene	ND		ug/kg	6.5	--	1
Chloromethane	ND		ug/kg	16	--	1
Bromomethane	ND		ug/kg	6.5	--	1
Vinyl chloride	ND		ug/kg	6.5	--	1
Chloroethane	ND		ug/kg	6.5	--	1
1,1-Dichloroethene	ND		ug/kg	6.5	--	1
trans-1,2-Dichloroethene	ND		ug/kg	6.5	--	1
Trichloroethene	ND		ug/kg	6.5	--	1
1,2-Dichlorobenzene	ND		ug/kg	16	--	1
1,3-Dichlorobenzene	ND		ug/kg	16	--	1
1,4-Dichlorobenzene	ND		ug/kg	16	--	1
Methyl tert butyl ether	ND		ug/kg	6.5	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-02 Date Collected: 07/14/12 14:10

Client ID: S-12L-B007-0.5-1.0 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	13	--	1
o-Xylene	ND		ug/kg	13	--	1
Xylenes, Total	ND		ug/kg	13	--	1
cis-1,2-Dichloroethene	ND		ug/kg	6.5	--	1
Styrene	ND		ug/kg	13	--	1
Dichlorodifluoromethane	ND		ug/kg	33	--	1
Acetone	230		ug/kg	120	--	1
Carbon disulfide	160		ug/kg	33	--	1
2-Butanone	52		ug/kg	33	--	1
4-Methyl-2-pentanone	ND		ug/kg	33	--	1
2-Hexanone	ND		ug/kg	33	--	1
Bromochloromethane	ND		ug/kg	16	--	1
1,2-Dibromoethane	ND		ug/kg	13	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	16	--	1
Isopropylbenzene	ND		ug/kg	6.5	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	16	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	16	--	1
Methyl Acetate	ND		ug/kg	65	--	1
Cyclohexane	ND		ug/kg	65	--	1
1,4-Dioxane	ND		ug/kg	330	--	1
Methyl cyclohexane	ND		ug/kg	13	--	1
Freon-113	ND		ug/kg	65	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	103		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-03	Date Collected:	07/14/12 14:10
Client ID:	S-12L-B007-1.5-2.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260C		
Analytical Date:	07/25/12 13:54		
Analyst:	BN		
Percent Solids:	12%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	130	--	1
1,1-Dichloroethane	ND		ug/kg	27	--	1
Chloroform	ND		ug/kg	27	--	1
Carbon tetrachloride	ND		ug/kg	27	--	1
1,2-Dichloropropane	ND		ug/kg	54	--	1
Dibromochloromethane	ND		ug/kg	27	--	1
1,1,2-Trichloroethane	ND		ug/kg	27	--	1
Tetrachloroethene	ND		ug/kg	27	--	1
Chlorobenzene	ND		ug/kg	27	--	1
Trichlorofluoromethane	ND		ug/kg	67	--	1
1,2-Dichloroethane	ND		ug/kg	27	--	1
1,1,1-Trichloroethane	ND		ug/kg	27	--	1
Bromodichloromethane	ND		ug/kg	27	--	1
trans-1,3-Dichloropropene	ND		ug/kg	27	--	1
cis-1,3-Dichloropropene	ND		ug/kg	27	--	1
Bromoform	ND		ug/kg	54	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	27	--	1
Benzene	ND		ug/kg	27	--	1
Toluene	ND		ug/kg	27	--	1
Ethylbenzene	ND		ug/kg	27	--	1
Chloromethane	ND		ug/kg	67	--	1
Bromomethane	ND		ug/kg	27	--	1
Vinyl chloride	ND		ug/kg	27	--	1
Chloroethane	ND		ug/kg	27	--	1
1,1-Dichloroethene	ND		ug/kg	27	--	1
trans-1,2-Dichloroethene	ND		ug/kg	27	--	1
Trichloroethene	ND		ug/kg	27	--	1
1,2-Dichlorobenzene	ND		ug/kg	67	--	1
1,3-Dichlorobenzene	ND		ug/kg	67	--	1
1,4-Dichlorobenzene	ND		ug/kg	67	--	1
Methyl tert butyl ether	ND		ug/kg	27	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-03 Date Collected: 07/14/12 14:10

Client ID: S-12L-B007-1.5-2.0 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	54	--	1
o-Xylene	ND		ug/kg	54	--	1
Xylenes, Total	ND		ug/kg	54	--	1
cis-1,2-Dichloroethene	ND		ug/kg	27	--	1
Styrene	ND		ug/kg	54	--	1
Dichlorodifluoromethane	ND		ug/kg	130	--	1
Acetone	670		ug/kg	480	--	1
Carbon disulfide	330		ug/kg	130	--	1
2-Butanone	160		ug/kg	130	--	1
4-Methyl-2-pentanone	ND		ug/kg	130	--	1
2-Hexanone	ND		ug/kg	130	--	1
Bromochloromethane	ND		ug/kg	67	--	1
1,2-Dibromoethane	ND		ug/kg	54	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	67	--	1
Isopropylbenzene	ND		ug/kg	27	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	67	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	67	--	1
Methyl Acetate	ND		ug/kg	270	--	1
Cyclohexane	ND		ug/kg	270	--	1
1,4-Dioxane	ND		ug/kg	1300	--	1
Methyl cyclohexane	ND		ug/kg	54	--	1
Freon-113	ND		ug/kg	270	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	101		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-04	Date Collected:	07/14/12 14:10
Client ID:	S-12L-B007-2.5-3.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260C		
Analytical Date:	07/25/12 14:22		
Analyst:	BN		
Percent Solids:	12%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	170	--	1
1,1-Dichloroethane	54		ug/kg	33	--	1
Chloroform	ND		ug/kg	33	--	1
Carbon tetrachloride	ND		ug/kg	33	--	1
1,2-Dichloropropane	ND		ug/kg	67	--	1
Dibromochloromethane	ND		ug/kg	33	--	1
1,1,2-Trichloroethane	ND		ug/kg	33	--	1
Tetrachloroethene	ND		ug/kg	33	--	1
Chlorobenzene	ND		ug/kg	33	--	1
Trichlorofluoromethane	ND		ug/kg	83	--	1
1,2-Dichloroethane	ND		ug/kg	33	--	1
1,1,1-Trichloroethane	ND		ug/kg	33	--	1
Bromodichloromethane	ND		ug/kg	33	--	1
trans-1,3-Dichloropropene	ND		ug/kg	33	--	1
cis-1,3-Dichloropropene	ND		ug/kg	33	--	1
Bromoform	ND		ug/kg	67	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	33	--	1
Benzene	ND		ug/kg	33	--	1
Toluene	74		ug/kg	33	--	1
Ethylbenzene	ND		ug/kg	33	--	1
Chloromethane	ND		ug/kg	83	--	1
Bromomethane	ND		ug/kg	33	--	1
Vinyl chloride	ND		ug/kg	33	--	1
Chloroethane	ND		ug/kg	33	--	1
1,1-Dichloroethene	ND		ug/kg	33	--	1
trans-1,2-Dichloroethene	ND		ug/kg	33	--	1
Trichloroethene	ND		ug/kg	33	--	1
1,2-Dichlorobenzene	ND		ug/kg	83	--	1
1,3-Dichlorobenzene	ND		ug/kg	83	--	1
1,4-Dichlorobenzene	ND		ug/kg	83	--	1
Methyl tert butyl ether	ND		ug/kg	33	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-04 Date Collected: 07/14/12 14:10

Client ID: S-12L-B007-2.5-3.0 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	67	--	1
o-Xylene	ND		ug/kg	67	--	1
Xylenes, Total	ND		ug/kg	67	--	1
cis-1,2-Dichloroethene	ND		ug/kg	33	--	1
Styrene	ND		ug/kg	67	--	1
Dichlorodifluoromethane	ND		ug/kg	170	--	1
Acetone	ND		ug/kg	600	--	1
Carbon disulfide	230		ug/kg	170	--	1
2-Butanone	ND		ug/kg	170	--	1
4-Methyl-2-pentanone	ND		ug/kg	170	--	1
2-Hexanone	ND		ug/kg	170	--	1
Bromochloromethane	ND		ug/kg	83	--	1
1,2-Dibromoethane	ND		ug/kg	67	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	83	--	1
Isopropylbenzene	ND		ug/kg	33	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	83	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	83	--	1
Methyl Acetate	ND		ug/kg	330	--	1
Cyclohexane	ND		ug/kg	330	--	1
1,4-Dioxane	ND		ug/kg	1700	--	1
Methyl cyclohexane	ND		ug/kg	67	--	1
Freon-113	ND		ug/kg	330	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	103		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-05	Date Collected:	07/14/12 14:10
Client ID:	S-12L-B007-2.5-3.0REP	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260C		
Analytical Date:	07/25/12 14:49		
Analyst:	BN		
Percent Solids:	17%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	150	--	1
1,1-Dichloroethane	38		ug/kg	29	--	1
Chloroform	ND		ug/kg	29	--	1
Carbon tetrachloride	ND		ug/kg	29	--	1
1,2-Dichloropropane	ND		ug/kg	59	--	1
Dibromochloromethane	ND		ug/kg	29	--	1
1,1,2-Trichloroethane	ND		ug/kg	29	--	1
Tetrachloroethene	ND		ug/kg	29	--	1
Chlorobenzene	ND		ug/kg	29	--	1
Trichlorofluoromethane	ND		ug/kg	74	--	1
1,2-Dichloroethane	ND		ug/kg	29	--	1
1,1,1-Trichloroethane	ND		ug/kg	29	--	1
Bromodichloromethane	ND		ug/kg	29	--	1
trans-1,3-Dichloropropene	ND		ug/kg	29	--	1
cis-1,3-Dichloropropene	ND		ug/kg	29	--	1
Bromoform	ND		ug/kg	59	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	29	--	1
Benzene	ND		ug/kg	29	--	1
Toluene	58		ug/kg	29	--	1
Ethylbenzene	ND		ug/kg	29	--	1
Chloromethane	ND		ug/kg	74	--	1
Bromomethane	ND		ug/kg	29	--	1
Vinyl chloride	ND		ug/kg	29	--	1
Chloroethane	ND		ug/kg	29	--	1
1,1-Dichloroethene	ND		ug/kg	29	--	1
trans-1,2-Dichloroethene	ND		ug/kg	29	--	1
Trichloroethene	ND		ug/kg	29	--	1
1,2-Dichlorobenzene	ND		ug/kg	74	--	1
1,3-Dichlorobenzene	ND		ug/kg	74	--	1
1,4-Dichlorobenzene	ND		ug/kg	74	--	1
Methyl tert butyl ether	ND		ug/kg	29	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-05 Date Collected: 07/14/12 14:10

Client ID: S-12L-B007-2.5-3.0REP Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	59	--	1
o-Xylene	ND		ug/kg	59	--	1
Xylenes, Total	ND		ug/kg	59	--	1
cis-1,2-Dichloroethene	ND		ug/kg	29	--	1
Styrene	ND		ug/kg	59	--	1
Dichlorodifluoromethane	ND		ug/kg	150	--	1
Acetone	ND		ug/kg	530	--	1
Carbon disulfide	ND		ug/kg	150	--	1
2-Butanone	ND		ug/kg	150	--	1
4-Methyl-2-pentanone	ND		ug/kg	150	--	1
2-Hexanone	ND		ug/kg	150	--	1
Bromochloromethane	ND		ug/kg	74	--	1
1,2-Dibromoethane	ND		ug/kg	59	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	74	--	1
Isopropylbenzene	ND		ug/kg	29	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	74	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	74	--	1
Methyl Acetate	ND		ug/kg	290	--	1
Cyclohexane	ND		ug/kg	290	--	1
1,4-Dioxane	ND		ug/kg	1500	--	1
Methyl cyclohexane	ND		ug/kg	59	--	1
Freon-113	ND		ug/kg	290	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	101		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-06	Date Collected:	07/14/12 14:30
Client ID:	S-12L-B007-5.0-5.5	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260C		
Analytical Date:	07/25/12 15:17		
Analyst:	BN		
Percent Solids:	95%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	15	--	1
1,1-Dichloroethane	ND		ug/kg	3.1	--	1
Chloroform	ND		ug/kg	3.1	--	1
Carbon tetrachloride	ND		ug/kg	3.1	--	1
1,2-Dichloropropane	ND		ug/kg	6.2	--	1
Dibromochloromethane	ND		ug/kg	3.1	--	1
1,1,2-Trichloroethane	ND		ug/kg	3.1	--	1
Tetrachloroethene	ND		ug/kg	3.1	--	1
Chlorobenzene	ND		ug/kg	3.1	--	1
Trichlorofluoromethane	ND		ug/kg	7.7	--	1
1,2-Dichloroethane	ND		ug/kg	3.1	--	1
1,1,1-Trichloroethane	ND		ug/kg	3.1	--	1
Bromodichloromethane	ND		ug/kg	3.1	--	1
trans-1,3-Dichloropropene	ND		ug/kg	3.1	--	1
cis-1,3-Dichloropropene	ND		ug/kg	3.1	--	1
Bromoform	ND		ug/kg	6.2	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	3.1	--	1
Benzene	ND		ug/kg	3.1	--	1
Toluene	ND		ug/kg	3.1	--	1
Ethylbenzene	ND		ug/kg	3.1	--	1
Chloromethane	ND		ug/kg	7.7	--	1
Bromomethane	ND		ug/kg	3.1	--	1
Vinyl chloride	ND		ug/kg	3.1	--	1
Chloroethane	ND		ug/kg	3.1	--	1
1,1-Dichloroethene	ND		ug/kg	3.1	--	1
trans-1,2-Dichloroethene	ND		ug/kg	3.1	--	1
Trichloroethene	ND		ug/kg	3.1	--	1
1,2-Dichlorobenzene	ND		ug/kg	7.7	--	1
1,3-Dichlorobenzene	ND		ug/kg	7.7	--	1
1,4-Dichlorobenzene	ND		ug/kg	7.7	--	1
Methyl tert butyl ether	ND		ug/kg	3.1	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-06 Date Collected: 07/14/12 14:30

Client ID: S-12L-B007-5.0-5.5 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	6.2	--	1
o-Xylene	ND		ug/kg	6.2	--	1
Xylenes, Total	ND		ug/kg	6.2	--	1
cis-1,2-Dichloroethene	ND		ug/kg	3.1	--	1
Styrene	ND		ug/kg	6.2	--	1
Dichlorodifluoromethane	ND		ug/kg	15	--	1
Acetone	ND		ug/kg	56	--	1
Carbon disulfide	ND		ug/kg	15	--	1
2-Butanone	ND		ug/kg	15	--	1
4-Methyl-2-pentanone	ND		ug/kg	15	--	1
2-Hexanone	ND		ug/kg	15	--	1
Bromochloromethane	ND		ug/kg	7.7	--	1
1,2-Dibromoethane	ND		ug/kg	6.2	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.7	--	1
Isopropylbenzene	ND		ug/kg	3.1	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.7	--	1
1,2,4-Trichlorobenzene	8.4		ug/kg	7.7	--	1
Methyl Acetate	ND		ug/kg	31	--	1
Cyclohexane	ND		ug/kg	31	--	1
1,4-Dioxane	ND		ug/kg	150	--	1
Methyl cyclohexane	ND		ug/kg	6.2	--	1
Freon-113	ND		ug/kg	31	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	101		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-07	Date Collected:	07/14/12 14:45
Client ID:	S-12L-B007-10.0-10.5	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/25/12 22:25		
Analyst:	JL		
Percent Solids:	89%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	980	--	1
1,1-Dichloroethane	ND		ug/kg	200	--	1
Chloroform	ND		ug/kg	200	--	1
Carbon tetrachloride	ND		ug/kg	200	--	1
1,2-Dichloropropane	ND		ug/kg	390	--	1
Dibromochloromethane	ND		ug/kg	200	--	1
1,1,2-Trichloroethane	ND		ug/kg	200	--	1
Tetrachloroethene	ND		ug/kg	200	--	1
Chlorobenzene	ND		ug/kg	200	--	1
Trichlorofluoromethane	ND		ug/kg	490	--	1
1,2-Dichloroethane	ND		ug/kg	200	--	1
1,1,1-Trichloroethane	ND		ug/kg	200	--	1
Bromodichloromethane	ND		ug/kg	200	--	1
trans-1,3-Dichloropropene	ND		ug/kg	200	--	1
cis-1,3-Dichloropropene	ND		ug/kg	200	--	1
Bromoform	ND		ug/kg	390	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	200	--	1
Benzene	ND		ug/kg	200	--	1
Toluene	ND		ug/kg	200	--	1
Ethylbenzene	ND		ug/kg	200	--	1
Chloromethane	ND		ug/kg	490	--	1
Bromomethane	ND		ug/kg	200	--	1
Vinyl chloride	ND		ug/kg	200	--	1
Chloroethane	ND		ug/kg	200	--	1
1,1-Dichloroethene	ND		ug/kg	200	--	1
trans-1,2-Dichloroethene	ND		ug/kg	200	--	1
Trichloroethene	ND		ug/kg	200	--	1
1,2-Dichlorobenzene	ND		ug/kg	490	--	1
1,3-Dichlorobenzene	ND		ug/kg	490	--	1
1,4-Dichlorobenzene	ND		ug/kg	490	--	1
Methyl tert butyl ether	ND		ug/kg	200	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-07 Date Collected: 07/14/12 14:45

Client ID: S-12L-B007-10.0-10.5 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	390	--	1
o-Xylene	ND		ug/kg	390	--	1
Xylenes, Total	ND		ug/kg	390	--	1
cis-1,2-Dichloroethene	520		ug/kg	200	--	1
Styrene	ND		ug/kg	390	--	1
Dichlorodifluoromethane	ND		ug/kg	980	--	1
Acetone	ND		ug/kg	3500	--	1
Carbon disulfide	ND		ug/kg	980	--	1
2-Butanone	ND		ug/kg	980	--	1
4-Methyl-2-pentanone	ND		ug/kg	980	--	1
2-Hexanone	ND		ug/kg	980	--	1
Bromochloromethane	ND		ug/kg	490	--	1
1,2-Dibromoethane	ND		ug/kg	390	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	490	--	1
Isopropylbenzene	ND		ug/kg	200	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	490	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	490	--	1
Methyl Acetate	ND		ug/kg	2000	--	1
Cyclohexane	ND		ug/kg	2000	--	1
1,4-Dioxane	ND		ug/kg	9800	--	1
Methyl cyclohexane	ND		ug/kg	390	--	1
Freon-113	ND		ug/kg	2000	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	101		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-07	Date Collected:	07/14/12 14:45
Client ID:	S-12L-B007-10.0-10.5	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260C		
Analytical Date:	07/25/12 15:44		
Analyst:	BN		
Percent Solids:	89%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	17	--	1
1,1-Dichloroethane	ND		ug/kg	3.4	--	1
Chloroform	ND		ug/kg	3.4	--	1
Carbon tetrachloride	ND		ug/kg	3.4	--	1
1,2-Dichloropropane	ND		ug/kg	6.8	--	1
Dibromochloromethane	ND		ug/kg	3.4	--	1
1,1,2-Trichloroethane	ND		ug/kg	3.4	--	1
Tetrachloroethene	ND		ug/kg	3.4	--	1
Chlorobenzene	ND		ug/kg	3.4	--	1
Trichlorofluoromethane	ND		ug/kg	8.5	--	1
1,2-Dichloroethane	ND		ug/kg	3.4	--	1
1,1,1-Trichloroethane	ND		ug/kg	3.4	--	1
Bromodichloromethane	ND		ug/kg	3.4	--	1
trans-1,3-Dichloropropene	ND		ug/kg	3.4	--	1
cis-1,3-Dichloropropene	ND		ug/kg	3.4	--	1
Bromoform	ND		ug/kg	6.8	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	3.4	--	1
Benzene	ND		ug/kg	3.4	--	1
Toluene	ND		ug/kg	3.4	--	1
Ethylbenzene	ND		ug/kg	3.4	--	1
Chloromethane	ND		ug/kg	8.5	--	1
Bromomethane	ND		ug/kg	3.4	--	1
Vinyl chloride	94		ug/kg	3.4	--	1
Chloroethane	ND		ug/kg	3.4	--	1
1,1-Dichloroethene	ND		ug/kg	3.4	--	1
trans-1,2-Dichloroethene	ND		ug/kg	3.4	--	1
Trichloroethene	ND		ug/kg	3.4	--	1
1,2-Dichlorobenzene	ND		ug/kg	8.5	--	1
1,3-Dichlorobenzene	ND		ug/kg	8.5	--	1
1,4-Dichlorobenzene	ND		ug/kg	8.5	--	1
Methyl tert butyl ether	ND		ug/kg	3.4	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-07 Date Collected: 07/14/12 14:45

Client ID: S-12L-B007-10.0-10.5 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	6.8	--	1
o-Xylene	ND		ug/kg	6.8	--	1
Xylenes, Total	ND		ug/kg	6.8	--	1
cis-1,2-Dichloroethene	420	E	ug/kg	3.4	--	1
Styrene	ND		ug/kg	6.8	--	1
Dichlorodifluoromethane	ND		ug/kg	17	--	1
Acetone	ND		ug/kg	61	--	1
Carbon disulfide	ND		ug/kg	17	--	1
2-Butanone	ND		ug/kg	17	--	1
4-Methyl-2-pentanone	ND		ug/kg	17	--	1
2-Hexanone	ND		ug/kg	17	--	1
Bromochloromethane	ND		ug/kg	8.5	--	1
1,2-Dibromoethane	ND		ug/kg	6.8	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	8.5	--	1
Isopropylbenzene	ND		ug/kg	3.4	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	8.5	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	8.5	--	1
Methyl Acetate	ND		ug/kg	34	--	1
Cyclohexane	ND		ug/kg	34	--	1
1,4-Dioxane	ND		ug/kg	170	--	1
Methyl cyclohexane	ND		ug/kg	6.8	--	1
Freon-113	ND		ug/kg	34	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	99		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-08	Date Collected:	07/14/12 15:00
Client ID:	S-12L-B007-14.5-15.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260C		
Analytical Date:	07/25/12 16:12		
Analyst:	BN		
Percent Solids:	94%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	15	--	1
1,1-Dichloroethane	ND		ug/kg	3.0	--	1
Chloroform	ND		ug/kg	3.0	--	1
Carbon tetrachloride	ND		ug/kg	3.0	--	1
1,2-Dichloropropane	ND		ug/kg	5.9	--	1
Dibromochloromethane	ND		ug/kg	3.0	--	1
1,1,2-Trichloroethane	ND		ug/kg	3.0	--	1
Tetrachloroethene	ND		ug/kg	3.0	--	1
Chlorobenzene	ND		ug/kg	3.0	--	1
Trichlorofluoromethane	ND		ug/kg	7.4	--	1
1,2-Dichloroethane	ND		ug/kg	3.0	--	1
1,1,1-Trichloroethane	ND		ug/kg	3.0	--	1
Bromodichloromethane	ND		ug/kg	3.0	--	1
trans-1,3-Dichloropropene	ND		ug/kg	3.0	--	1
cis-1,3-Dichloropropene	ND		ug/kg	3.0	--	1
Bromoform	ND		ug/kg	5.9	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	3.0	--	1
Benzene	ND		ug/kg	3.0	--	1
Toluene	ND		ug/kg	3.0	--	1
Ethylbenzene	ND		ug/kg	3.0	--	1
Chloromethane	ND		ug/kg	7.4	--	1
Bromomethane	ND		ug/kg	3.0	--	1
Vinyl chloride	ND		ug/kg	3.0	--	1
Chloroethane	ND		ug/kg	3.0	--	1
1,1-Dichloroethene	ND		ug/kg	3.0	--	1
trans-1,2-Dichloroethene	ND		ug/kg	3.0	--	1
Trichloroethene	ND		ug/kg	3.0	--	1
1,2-Dichlorobenzene	ND		ug/kg	7.4	--	1
1,3-Dichlorobenzene	ND		ug/kg	7.4	--	1
1,4-Dichlorobenzene	ND		ug/kg	7.4	--	1
Methyl tert butyl ether	ND		ug/kg	3.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-08 Date Collected: 07/14/12 15:00

Client ID: S-12L-B007-14.5-15.0 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	5.9	--	1
o-Xylene	ND		ug/kg	5.9	--	1
Xylenes, Total	ND		ug/kg	5.9	--	1
cis-1,2-Dichloroethene	ND		ug/kg	3.0	--	1
Styrene	ND		ug/kg	5.9	--	1
Dichlorodifluoromethane	ND		ug/kg	15	--	1
Acetone	ND		ug/kg	53	--	1
Carbon disulfide	ND		ug/kg	15	--	1
2-Butanone	ND		ug/kg	15	--	1
4-Methyl-2-pentanone	ND		ug/kg	15	--	1
2-Hexanone	ND		ug/kg	15	--	1
Bromochloromethane	ND		ug/kg	7.4	--	1
1,2-Dibromoethane	ND		ug/kg	5.9	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.4	--	1
Isopropylbenzene	ND		ug/kg	3.0	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.4	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.4	--	1
Methyl Acetate	ND		ug/kg	30	--	1
Cyclohexane	ND		ug/kg	30	--	1
1,4-Dioxane	ND		ug/kg	150	--	1
Methyl cyclohexane	ND		ug/kg	5.9	--	1
Freon-113	ND		ug/kg	30	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	101		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-09	Date Collected:	07/14/12 15:00
Client ID:	S-12L-B007-15.5-16.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260C		
Analytical Date:	07/25/12 16:39		
Analyst:	BN		
Percent Solids:	91%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	10	--	1
1,1-Dichloroethane	ND		ug/kg	2.1	--	1
Chloroform	ND		ug/kg	2.1	--	1
Carbon tetrachloride	ND		ug/kg	2.1	--	1
1,2-Dichloropropane	ND		ug/kg	4.2	--	1
Dibromochloromethane	ND		ug/kg	2.1	--	1
1,1,2-Trichloroethane	ND		ug/kg	2.1	--	1
Tetrachloroethene	ND		ug/kg	2.1	--	1
Chlorobenzene	ND		ug/kg	2.1	--	1
Trichlorofluoromethane	ND		ug/kg	5.3	--	1
1,2-Dichloroethane	ND		ug/kg	2.1	--	1
1,1,1-Trichloroethane	ND		ug/kg	2.1	--	1
Bromodichloromethane	ND		ug/kg	2.1	--	1
trans-1,3-Dichloropropene	ND		ug/kg	2.1	--	1
cis-1,3-Dichloropropene	ND		ug/kg	2.1	--	1
Bromoform	ND		ug/kg	4.2	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.1	--	1
Benzene	ND		ug/kg	2.1	--	1
Toluene	ND		ug/kg	2.1	--	1
Ethylbenzene	ND		ug/kg	2.1	--	1
Chloromethane	ND		ug/kg	5.3	--	1
Bromomethane	ND		ug/kg	2.1	--	1
Vinyl chloride	ND		ug/kg	2.1	--	1
Chloroethane	ND		ug/kg	2.1	--	1
1,1-Dichloroethene	ND		ug/kg	2.1	--	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	--	1
Trichloroethene	26		ug/kg	2.1	--	1
1,2-Dichlorobenzene	ND		ug/kg	5.3	--	1
1,3-Dichlorobenzene	ND		ug/kg	5.3	--	1
1,4-Dichlorobenzene	ND		ug/kg	5.3	--	1
Methyl tert butyl ether	ND		ug/kg	2.1	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-09 Date Collected: 07/14/12 15:00

Client ID: S-12L-B007-15.5-16.0 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	4.2	--	1
o-Xylene	ND		ug/kg	4.2	--	1
Xylenes, Total	ND		ug/kg	4.2	--	1
cis-1,2-Dichloroethene	23		ug/kg	2.1	--	1
Styrene	ND		ug/kg	4.2	--	1
Dichlorodifluoromethane	ND		ug/kg	10	--	1
Acetone	ND		ug/kg	38	--	1
Carbon disulfide	ND		ug/kg	10	--	1
2-Butanone	ND		ug/kg	10	--	1
4-Methyl-2-pentanone	ND		ug/kg	10	--	1
2-Hexanone	ND		ug/kg	10	--	1
Bromochloromethane	ND		ug/kg	5.3	--	1
1,2-Dibromoethane	ND		ug/kg	4.2	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.3	--	1
Isopropylbenzene	ND		ug/kg	2.1	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.3	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.3	--	1
Methyl Acetate	ND		ug/kg	21	--	1
Cyclohexane	ND		ug/kg	21	--	1
1,4-Dioxane	ND		ug/kg	100	--	1
Methyl cyclohexane	ND		ug/kg	4.2	--	1
Freon-113	ND		ug/kg	21	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	101		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-10	Date Collected:	07/14/12 15:20
Client ID:	S-12L-B007-19.5-20.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260C		
Analytical Date:	07/25/12 17:07		
Analyst:	BN		
Percent Solids:	85%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	11	--	1
1,1-Dichloroethane	ND		ug/kg	2.1	--	1
Chloroform	ND		ug/kg	2.1	--	1
Carbon tetrachloride	ND		ug/kg	2.1	--	1
1,2-Dichloropropane	ND		ug/kg	4.3	--	1
Dibromochloromethane	ND		ug/kg	2.1	--	1
1,1,2-Trichloroethane	ND		ug/kg	2.1	--	1
Tetrachloroethene	ND		ug/kg	2.1	--	1
Chlorobenzene	ND		ug/kg	2.1	--	1
Trichlorofluoromethane	ND		ug/kg	5.3	--	1
1,2-Dichloroethane	ND		ug/kg	2.1	--	1
1,1,1-Trichloroethane	ND		ug/kg	2.1	--	1
Bromodichloromethane	ND		ug/kg	2.1	--	1
trans-1,3-Dichloropropene	ND		ug/kg	2.1	--	1
cis-1,3-Dichloropropene	ND		ug/kg	2.1	--	1
Bromoform	ND		ug/kg	4.3	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.1	--	1
Benzene	ND		ug/kg	2.1	--	1
Toluene	ND		ug/kg	2.1	--	1
Ethylbenzene	ND		ug/kg	2.1	--	1
Chloromethane	ND		ug/kg	5.3	--	1
Bromomethane	ND		ug/kg	2.1	--	1
Vinyl chloride	ND		ug/kg	2.1	--	1
Chloroethane	ND		ug/kg	2.1	--	1
1,1-Dichloroethene	ND		ug/kg	2.1	--	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	--	1
Trichloroethene	21		ug/kg	2.1	--	1
1,2-Dichlorobenzene	ND		ug/kg	5.3	--	1
1,3-Dichlorobenzene	ND		ug/kg	5.3	--	1
1,4-Dichlorobenzene	ND		ug/kg	5.3	--	1
Methyl tert butyl ether	ND		ug/kg	2.1	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-10 Date Collected: 07/14/12 15:20

Client ID: S-12L-B007-19.5-20.0 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	4.3	--	1
o-Xylene	ND		ug/kg	4.3	--	1
Xylenes, Total	ND		ug/kg	4.3	--	1
cis-1,2-Dichloroethene	2.2		ug/kg	2.1	--	1
Styrene	ND		ug/kg	4.3	--	1
Dichlorodifluoromethane	ND		ug/kg	11	--	1
Acetone	ND		ug/kg	38	--	1
Carbon disulfide	ND		ug/kg	11	--	1
2-Butanone	ND		ug/kg	11	--	1
4-Methyl-2-pentanone	ND		ug/kg	11	--	1
2-Hexanone	ND		ug/kg	11	--	1
Bromochloromethane	ND		ug/kg	5.3	--	1
1,2-Dibromoethane	ND		ug/kg	4.3	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.3	--	1
Isopropylbenzene	ND		ug/kg	2.1	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.3	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.3	--	1
Methyl Acetate	ND		ug/kg	21	--	1
Cyclohexane	ND		ug/kg	21	--	1
1,4-Dioxane	ND		ug/kg	110	--	1
Methyl cyclohexane	ND		ug/kg	4.3	--	1
Freon-113	ND		ug/kg	21	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	102		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-11	Date Collected:	07/14/12 15:20
Client ID:	S-12L-B007-20.5-21.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260C		
Analytical Date:	07/25/12 17:34		
Analyst:	BN		
Percent Solids:	93%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	11	--	1
1,1-Dichloroethane	ND		ug/kg	2.2	--	1
Chloroform	ND		ug/kg	2.2	--	1
Carbon tetrachloride	ND		ug/kg	2.2	--	1
1,2-Dichloropropane	ND		ug/kg	4.3	--	1
Dibromochloromethane	ND		ug/kg	2.2	--	1
1,1,2-Trichloroethane	ND		ug/kg	2.2	--	1
Tetrachloroethene	ND		ug/kg	2.2	--	1
Chlorobenzene	ND		ug/kg	2.2	--	1
Trichlorofluoromethane	ND		ug/kg	5.4	--	1
1,2-Dichloroethane	ND		ug/kg	2.2	--	1
1,1,1-Trichloroethane	ND		ug/kg	2.2	--	1
Bromodichloromethane	ND		ug/kg	2.2	--	1
trans-1,3-Dichloropropene	ND		ug/kg	2.2	--	1
cis-1,3-Dichloropropene	ND		ug/kg	2.2	--	1
Bromoform	ND		ug/kg	4.3	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.2	--	1
Benzene	ND		ug/kg	2.2	--	1
Toluene	ND		ug/kg	2.2	--	1
Ethylbenzene	ND		ug/kg	2.2	--	1
Chloromethane	ND		ug/kg	5.4	--	1
Bromomethane	ND		ug/kg	2.2	--	1
Vinyl chloride	2.2		ug/kg	2.2	--	1
Chloroethane	ND		ug/kg	2.2	--	1
1,1-Dichloroethene	ND		ug/kg	2.2	--	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	--	1
Trichloroethene	120		ug/kg	2.2	--	1
1,2-Dichlorobenzene	ND		ug/kg	5.4	--	1
1,3-Dichlorobenzene	ND		ug/kg	5.4	--	1
1,4-Dichlorobenzene	ND		ug/kg	5.4	--	1
Methyl tert butyl ether	ND		ug/kg	2.2	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-11 Date Collected: 07/14/12 15:20

Client ID: S-12L-B007-20.5-21.0 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	4.3	--	1
o-Xylene	ND		ug/kg	4.3	--	1
Xylenes, Total	ND		ug/kg	4.3	--	1
cis-1,2-Dichloroethene	19		ug/kg	2.2	--	1
Styrene	ND		ug/kg	4.3	--	1
Dichlorodifluoromethane	ND		ug/kg	11	--	1
Acetone	ND		ug/kg	39	--	1
Carbon disulfide	ND		ug/kg	11	--	1
2-Butanone	ND		ug/kg	11	--	1
4-Methyl-2-pentanone	ND		ug/kg	11	--	1
2-Hexanone	ND		ug/kg	11	--	1
Bromochloromethane	ND		ug/kg	5.4	--	1
1,2-Dibromoethane	ND		ug/kg	4.3	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.4	--	1
Isopropylbenzene	ND		ug/kg	2.2	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.4	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.4	--	1
Methyl Acetate	ND		ug/kg	22	--	1
Cyclohexane	ND		ug/kg	22	--	1
1,4-Dioxane	ND		ug/kg	110	--	1
Methyl cyclohexane	ND		ug/kg	4.3	--	1
Freon-113	ND		ug/kg	22	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	101		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-12	Date Collected:	07/14/12 16:05
Client ID:	S-12L-B007-30.0-30.5	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260C		
Analytical Date:	07/25/12 18:02		
Analyst:	BN		
Percent Solids:	98%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	9.1	--	1
1,1-Dichloroethane	ND		ug/kg	1.8	--	1
Chloroform	ND		ug/kg	1.8	--	1
Carbon tetrachloride	ND		ug/kg	1.8	--	1
1,2-Dichloropropane	ND		ug/kg	3.6	--	1
Dibromochloromethane	ND		ug/kg	1.8	--	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	--	1
Tetrachloroethene	ND		ug/kg	1.8	--	1
Chlorobenzene	ND		ug/kg	1.8	--	1
Trichlorofluoromethane	ND		ug/kg	4.6	--	1
1,2-Dichloroethane	ND		ug/kg	1.8	--	1
1,1,1-Trichloroethane	ND		ug/kg	1.8	--	1
Bromodichloromethane	ND		ug/kg	1.8	--	1
trans-1,3-Dichloropropene	ND		ug/kg	1.8	--	1
cis-1,3-Dichloropropene	ND		ug/kg	1.8	--	1
Bromoform	ND		ug/kg	3.6	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.8	--	1
Benzene	ND		ug/kg	1.8	--	1
Toluene	ND		ug/kg	1.8	--	1
Ethylbenzene	ND		ug/kg	1.8	--	1
Chloromethane	ND		ug/kg	4.6	--	1
Bromomethane	ND		ug/kg	1.8	--	1
Vinyl chloride	20		ug/kg	1.8	--	1
Chloroethane	ND		ug/kg	1.8	--	1
1,1-Dichloroethene	ND		ug/kg	1.8	--	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	--	1
Trichloroethene	30		ug/kg	1.8	--	1
1,2-Dichlorobenzene	ND		ug/kg	4.6	--	1
1,3-Dichlorobenzene	ND		ug/kg	4.6	--	1
1,4-Dichlorobenzene	ND		ug/kg	4.6	--	1
Methyl tert butyl ether	ND		ug/kg	1.8	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-12 Date Collected: 07/14/12 16:05

Client ID: S-12L-B007-30.0-30.5 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	3.6	--	1
o-Xylene	ND		ug/kg	3.6	--	1
Xylenes, Total	ND		ug/kg	3.6	--	1
cis-1,2-Dichloroethene	47		ug/kg	1.8	--	1
Styrene	ND		ug/kg	3.6	--	1
Dichlorodifluoromethane	ND		ug/kg	9.1	--	1
Acetone	ND		ug/kg	33	--	1
Carbon disulfide	ND		ug/kg	9.1	--	1
2-Butanone	ND		ug/kg	9.1	--	1
4-Methyl-2-pentanone	ND		ug/kg	9.1	--	1
2-Hexanone	ND		ug/kg	9.1	--	1
Bromochloromethane	ND		ug/kg	4.6	--	1
1,2-Dibromoethane	ND		ug/kg	3.6	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.6	--	1
Isopropylbenzene	ND		ug/kg	1.8	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.6	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.6	--	1
Methyl Acetate	ND		ug/kg	18	--	1
Cyclohexane	ND		ug/kg	18	--	1
1,4-Dioxane	ND		ug/kg	91	--	1
Methyl cyclohexane	ND		ug/kg	3.6	--	1
Freon-113	ND		ug/kg	18	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	101		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-13	Date Collected:	07/14/12 16:05
Client ID:	S-12L-B007-32.5-33.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260C		
Analytical Date:	07/25/12 18:29		
Analyst:	BN		
Percent Solids:	93%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	9.3	--	1
1,1-Dichloroethane	ND		ug/kg	1.8	--	1
Chloroform	ND		ug/kg	1.8	--	1
Carbon tetrachloride	ND		ug/kg	1.8	--	1
1,2-Dichloropropane	ND		ug/kg	3.7	--	1
Dibromochloromethane	ND		ug/kg	1.8	--	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	--	1
Tetrachloroethene	ND		ug/kg	1.8	--	1
Chlorobenzene	ND		ug/kg	1.8	--	1
Trichlorofluoromethane	ND		ug/kg	4.6	--	1
1,2-Dichloroethane	ND		ug/kg	1.8	--	1
1,1,1-Trichloroethane	ND		ug/kg	1.8	--	1
Bromodichloromethane	ND		ug/kg	1.8	--	1
trans-1,3-Dichloropropene	ND		ug/kg	1.8	--	1
cis-1,3-Dichloropropene	ND		ug/kg	1.8	--	1
Bromoform	ND		ug/kg	3.7	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.8	--	1
Benzene	ND		ug/kg	1.8	--	1
Toluene	ND		ug/kg	1.8	--	1
Ethylbenzene	ND		ug/kg	1.8	--	1
Chloromethane	ND		ug/kg	4.6	--	1
Bromomethane	ND		ug/kg	1.8	--	1
Vinyl chloride	11		ug/kg	1.8	--	1
Chloroethane	ND		ug/kg	1.8	--	1
1,1-Dichloroethene	ND		ug/kg	1.8	--	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	--	1
Trichloroethene	35		ug/kg	1.8	--	1
1,2-Dichlorobenzene	ND		ug/kg	4.6	--	1
1,3-Dichlorobenzene	ND		ug/kg	4.6	--	1
1,4-Dichlorobenzene	ND		ug/kg	4.6	--	1
Methyl tert butyl ether	ND		ug/kg	1.8	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-13 Date Collected: 07/14/12 16:05

Client ID: S-12L-B007-32.5-33.0 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	3.7	--	1
o-Xylene	ND		ug/kg	3.7	--	1
Xylenes, Total	ND		ug/kg	3.7	--	1
cis-1,2-Dichloroethene	59		ug/kg	1.8	--	1
Styrene	ND		ug/kg	3.7	--	1
Dichlorodifluoromethane	ND		ug/kg	9.3	--	1
Acetone	ND		ug/kg	33	--	1
Carbon disulfide	ND		ug/kg	9.3	--	1
2-Butanone	ND		ug/kg	9.3	--	1
4-Methyl-2-pentanone	ND		ug/kg	9.3	--	1
2-Hexanone	ND		ug/kg	9.3	--	1
Bromochloromethane	ND		ug/kg	4.6	--	1
1,2-Dibromoethane	ND		ug/kg	3.7	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.6	--	1
Isopropylbenzene	ND		ug/kg	1.8	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.6	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.6	--	1
Methyl Acetate	ND		ug/kg	18	--	1
Cyclohexane	ND		ug/kg	18	--	1
1,4-Dioxane	ND		ug/kg	93	--	1
Methyl cyclohexane	ND		ug/kg	3.7	--	1
Freon-113	ND		ug/kg	18	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	99		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-14	Date Collected:	07/14/12 16:20
Client ID:	S-12L-B007-34.5-35.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260C		
Analytical Date:	07/25/12 18:56		
Analyst:	BN		
Percent Solids:	92%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	12	--	1
1,1-Dichloroethane	ND		ug/kg	2.3	--	1
Chloroform	ND		ug/kg	2.3	--	1
Carbon tetrachloride	ND		ug/kg	2.3	--	1
1,2-Dichloropropane	ND		ug/kg	4.6	--	1
Dibromochloromethane	ND		ug/kg	2.3	--	1
1,1,2-Trichloroethane	ND		ug/kg	2.3	--	1
Tetrachloroethene	ND		ug/kg	2.3	--	1
Chlorobenzene	ND		ug/kg	2.3	--	1
Trichlorofluoromethane	ND		ug/kg	5.8	--	1
1,2-Dichloroethane	ND		ug/kg	2.3	--	1
1,1,1-Trichloroethane	ND		ug/kg	2.3	--	1
Bromodichloromethane	ND		ug/kg	2.3	--	1
trans-1,3-Dichloropropene	ND		ug/kg	2.3	--	1
cis-1,3-Dichloropropene	ND		ug/kg	2.3	--	1
Bromoform	ND		ug/kg	4.6	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.3	--	1
Benzene	ND		ug/kg	2.3	--	1
Toluene	4.3		ug/kg	2.3	--	1
Ethylbenzene	ND		ug/kg	2.3	--	1
Chloromethane	ND		ug/kg	5.8	--	1
Bromomethane	ND		ug/kg	2.3	--	1
Vinyl chloride	ND		ug/kg	2.3	--	1
Chloroethane	ND		ug/kg	2.3	--	1
1,1-Dichloroethene	ND		ug/kg	2.3	--	1
trans-1,2-Dichloroethene	ND		ug/kg	2.3	--	1
Trichloroethene	8.1		ug/kg	2.3	--	1
1,2-Dichlorobenzene	ND		ug/kg	5.8	--	1
1,3-Dichlorobenzene	ND		ug/kg	5.8	--	1
1,4-Dichlorobenzene	ND		ug/kg	5.8	--	1
Methyl tert butyl ether	ND		ug/kg	2.3	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-14 Date Collected: 07/14/12 16:20

Client ID: S-12L-B007-34.5-35.0 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	4.6	--	1
o-Xylene	ND		ug/kg	4.6	--	1
Xylenes, Total	ND		ug/kg	4.6	--	1
cis-1,2-Dichloroethene	4.0		ug/kg	2.3	--	1
Styrene	ND		ug/kg	4.6	--	1
Dichlorodifluoromethane	ND		ug/kg	12	--	1
Acetone	ND		ug/kg	42	--	1
Carbon disulfide	ND		ug/kg	12	--	1
2-Butanone	ND		ug/kg	12	--	1
4-Methyl-2-pentanone	ND		ug/kg	12	--	1
2-Hexanone	ND		ug/kg	12	--	1
Bromochloromethane	ND		ug/kg	5.8	--	1
1,2-Dibromoethane	ND		ug/kg	4.6	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.8	--	1
Isopropylbenzene	ND		ug/kg	2.3	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.8	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.8	--	1
Methyl Acetate	ND		ug/kg	23	--	1
Cyclohexane	ND		ug/kg	23	--	1
1,4-Dioxane	ND		ug/kg	120	--	1
Methyl cyclohexane	ND		ug/kg	4.6	--	1
Freon-113	ND		ug/kg	23	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	101		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-15 D
Client ID: S-12L-B012-1.0-1.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment
Analytical Method: 1,8260C
Analytical Date: 07/26/12 18:52
Analyst: BN
Percent Solids: 46%

Date Collected: 07/18/12 07:55
Date Received: 07/19/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	34000	--	10
1,1-Dichloroethane	ND		ug/kg	6700	--	10
Chloroform	ND		ug/kg	6700	--	10
Carbon tetrachloride	ND		ug/kg	6700	--	10
1,2-Dichloropropane	ND		ug/kg	13000	--	10
Dibromochloromethane	ND		ug/kg	6700	--	10
1,1,2-Trichloroethane	ND		ug/kg	6700	--	10
Tetrachloroethene	ND		ug/kg	6700	--	10
Chlorobenzene	ND		ug/kg	6700	--	10
Trichlorofluoromethane	ND		ug/kg	17000	--	10
1,2-Dichloroethane	ND		ug/kg	6700	--	10
1,1,1-Trichloroethane	ND		ug/kg	6700	--	10
Bromodichloromethane	ND		ug/kg	6700	--	10
trans-1,3-Dichloropropene	ND		ug/kg	6700	--	10
cis-1,3-Dichloropropene	ND		ug/kg	6700	--	10
Bromoform	ND		ug/kg	13000	--	10
1,1,2,2-Tetrachloroethane	ND		ug/kg	6700	--	10
Benzene	ND		ug/kg	6700	--	10
Toluene	ND		ug/kg	6700	--	10
Ethylbenzene	ND		ug/kg	6700	--	10
Chloromethane	ND		ug/kg	17000	--	10
Bromomethane	ND		ug/kg	6700	--	10
Vinyl chloride	110000		ug/kg	6700	--	10
Chloroethane	ND		ug/kg	6700	--	10
1,1-Dichloroethene	ND		ug/kg	6700	--	10
trans-1,2-Dichloroethene	ND		ug/kg	6700	--	10
Trichloroethene	ND		ug/kg	6700	--	10
1,2-Dichlorobenzene	ND		ug/kg	17000	--	10
1,3-Dichlorobenzene	ND		ug/kg	17000	--	10
1,4-Dichlorobenzene	ND		ug/kg	17000	--	10
Methyl tert butyl ether	ND		ug/kg	6700	--	10

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-15 D Date Collected: 07/18/12 07:55

Client ID: S-12L-B012-1.0-1.5 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	13000	--	10
o-Xylene	ND		ug/kg	13000	--	10
Xylenes, Total	ND		ug/kg	13000	--	10
cis-1,2-Dichloroethene	380000		ug/kg	6700	--	10
Styrene	ND		ug/kg	13000	--	10
Dichlorodifluoromethane	ND		ug/kg	34000	--	10
Acetone	ND		ug/kg	120000	--	10
Carbon disulfide	ND		ug/kg	34000	--	10
2-Butanone	ND		ug/kg	34000	--	10
4-Methyl-2-pentanone	ND		ug/kg	34000	--	10
2-Hexanone	ND		ug/kg	34000	--	10
Bromochloromethane	ND		ug/kg	17000	--	10
1,2-Dibromoethane	ND		ug/kg	13000	--	10
1,2-Dibromo-3-chloropropane	ND		ug/kg	17000	--	10
Isopropylbenzene	ND		ug/kg	6700	--	10
1,2,3-Trichlorobenzene	ND		ug/kg	17000	--	10
1,2,4-Trichlorobenzene	ND		ug/kg	17000	--	10
Methyl Acetate	ND		ug/kg	67000	--	10
Cyclohexane	ND		ug/kg	67000	--	10
1,4-Dioxane	ND		ug/kg	340000	--	10
Methyl cyclohexane	ND		ug/kg	13000	--	10
Freon-113	ND		ug/kg	67000	--	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	111		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	97		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-16 D
Client ID: S-12L-B012-1.0-1.5 REP
Sample Location: NEW BEDFORD, MA
Matrix: Sediment
Analytical Method: 1,8260C
Analytical Date: 07/26/12 19:20
Analyst: BN
Percent Solids: 48%

Date Collected: 07/18/12 07:55
Date Received: 07/19/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	5500	--	2
1,1-Dichloroethane	ND		ug/kg	1100	--	2
Chloroform	ND		ug/kg	1100	--	2
Carbon tetrachloride	ND		ug/kg	1100	--	2
1,2-Dichloropropane	ND		ug/kg	2200	--	2
Dibromochloromethane	ND		ug/kg	1100	--	2
1,1,2-Trichloroethane	ND		ug/kg	1100	--	2
Tetrachloroethene	ND		ug/kg	1100	--	2
Chlorobenzene	ND		ug/kg	1100	--	2
Trichlorofluoromethane	ND		ug/kg	2800	--	2
1,2-Dichloroethane	ND		ug/kg	1100	--	2
1,1,1-Trichloroethane	ND		ug/kg	1100	--	2
Bromodichloromethane	ND		ug/kg	1100	--	2
trans-1,3-Dichloropropene	ND		ug/kg	1100	--	2
cis-1,3-Dichloropropene	ND		ug/kg	1100	--	2
Bromoform	ND		ug/kg	2200	--	2
1,1,2,2-Tetrachloroethane	ND		ug/kg	1100	--	2
Benzene	ND		ug/kg	1100	--	2
Toluene	ND		ug/kg	1100	--	2
Ethylbenzene	ND		ug/kg	1100	--	2
Chloromethane	ND		ug/kg	2800	--	2
Bromomethane	ND		ug/kg	1100	--	2
Vinyl chloride	110000		ug/kg	1100	--	2
Chloroethane	ND		ug/kg	1100	--	2
1,1-Dichloroethene	ND		ug/kg	1100	--	2
trans-1,2-Dichloroethene	ND		ug/kg	1100	--	2
Trichloroethene	ND		ug/kg	1100	--	2
1,2-Dichlorobenzene	ND		ug/kg	2800	--	2
1,3-Dichlorobenzene	ND		ug/kg	2800	--	2
1,4-Dichlorobenzene	ND		ug/kg	2800	--	2
Methyl tert butyl ether	ND		ug/kg	1100	--	2

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-16 D Date Collected: 07/18/12 07:55

Client ID: S-12L-B012-1.0-1.5 REP Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	2200	--	2
o-Xylene	ND		ug/kg	2200	--	2
Xylenes, Total	ND		ug/kg	2200	--	2
cis-1,2-Dichloroethene	91000		ug/kg	1100	--	2
Styrene	ND		ug/kg	2200	--	2
Dichlorodifluoromethane	ND		ug/kg	5500	--	2
Acetone	ND		ug/kg	20000	--	2
Carbon disulfide	ND		ug/kg	5500	--	2
2-Butanone	ND		ug/kg	5500	--	2
4-Methyl-2-pentanone	ND		ug/kg	5500	--	2
2-Hexanone	ND		ug/kg	5500	--	2
Bromochloromethane	ND		ug/kg	2800	--	2
1,2-Dibromoethane	ND		ug/kg	2200	--	2
1,2-Dibromo-3-chloropropane	ND		ug/kg	2800	--	2
Isopropylbenzene	ND		ug/kg	1100	--	2
1,2,3-Trichlorobenzene	ND		ug/kg	2800	--	2
1,2,4-Trichlorobenzene	ND		ug/kg	2800	--	2
Methyl Acetate	ND		ug/kg	11000	--	2
Cyclohexane	ND		ug/kg	11000	--	2
1,4-Dioxane	ND		ug/kg	55000	--	2
Methyl cyclohexane	ND		ug/kg	2200	--	2
Freon-113	ND		ug/kg	11000	--	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	112		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	95		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-17 D
Client ID: S-12L-B012-2.0-2.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment
Analytical Method: 1,8260C
Analytical Date: 07/26/12 15:42
Analyst: BN
Percent Solids: 43%

Date Collected: 07/18/12 07:55
Date Received: 07/19/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	31000	--	10
1,1-Dichloroethane	ND		ug/kg	6200	--	10
Chloroform	ND		ug/kg	6200	--	10
Carbon tetrachloride	ND		ug/kg	6200	--	10
1,2-Dichloropropane	ND		ug/kg	12000	--	10
Dibromochloromethane	ND		ug/kg	6200	--	10
1,1,2-Trichloroethane	ND		ug/kg	6200	--	10
Tetrachloroethene	ND		ug/kg	6200	--	10
Chlorobenzene	ND		ug/kg	6200	--	10
Trichlorofluoromethane	ND		ug/kg	16000	--	10
1,2-Dichloroethane	ND		ug/kg	6200	--	10
1,1,1-Trichloroethane	ND		ug/kg	6200	--	10
Bromodichloromethane	ND		ug/kg	6200	--	10
trans-1,3-Dichloropropene	ND		ug/kg	6200	--	10
cis-1,3-Dichloropropene	ND		ug/kg	6200	--	10
Bromoform	ND		ug/kg	12000	--	10
1,1,2,2-Tetrachloroethane	ND		ug/kg	6200	--	10
Benzene	ND		ug/kg	6200	--	10
Toluene	ND		ug/kg	6200	--	10
Ethylbenzene	ND		ug/kg	6200	--	10
Chloromethane	ND		ug/kg	16000	--	10
Bromomethane	ND		ug/kg	6200	--	10
Vinyl chloride	22000		ug/kg	6200	--	10
Chloroethane	ND		ug/kg	6200	--	10
1,1-Dichloroethene	ND		ug/kg	6200	--	10
trans-1,2-Dichloroethene	ND		ug/kg	6200	--	10
Trichloroethene	ND		ug/kg	6200	--	10
1,2-Dichlorobenzene	ND		ug/kg	16000	--	10
1,3-Dichlorobenzene	ND		ug/kg	16000	--	10
1,4-Dichlorobenzene	ND		ug/kg	16000	--	10
Methyl tert butyl ether	ND		ug/kg	6200	--	10

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-17 D Date Collected: 07/18/12 07:55

Client ID: S-12L-B012-2.0-2.5 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	12000	--	10
o-Xylene	ND		ug/kg	12000	--	10
Xylenes, Total	ND		ug/kg	12000	--	10
cis-1,2-Dichloroethene	360000		ug/kg	6200	--	10
Styrene	ND		ug/kg	12000	--	10
Dichlorodifluoromethane	ND		ug/kg	31000	--	10
Acetone	ND		ug/kg	110000	--	10
Carbon disulfide	ND		ug/kg	31000	--	10
2-Butanone	ND		ug/kg	31000	--	10
4-Methyl-2-pentanone	ND		ug/kg	31000	--	10
2-Hexanone	ND		ug/kg	31000	--	10
Bromochloromethane	ND		ug/kg	16000	--	10
1,2-Dibromoethane	ND		ug/kg	12000	--	10
1,2-Dibromo-3-chloropropane	ND		ug/kg	16000	--	10
Isopropylbenzene	ND		ug/kg	6200	--	10
1,2,3-Trichlorobenzene	ND		ug/kg	16000	--	10
1,2,4-Trichlorobenzene	ND		ug/kg	16000	--	10
Methyl Acetate	ND		ug/kg	62000	--	10
Cyclohexane	ND		ug/kg	62000	--	10
1,4-Dioxane	ND		ug/kg	310000	--	10
Methyl cyclohexane	ND		ug/kg	12000	--	10
Freon-113	ND		ug/kg	62000	--	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	97		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-18	Date Collected:	07/19/12 16:00
Client ID:	EB-071912-01	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	1,8260C		
Analytical Date:	07/27/12 17:58		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	1
1,1-Dichloroethane	ND		ug/l	0.75	--	1
Chloroform	ND		ug/l	0.75	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	1.8	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.75	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
Trichlorofluoromethane	ND		ug/l	2.5	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.75	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	1.0	--	1
Vinyl chloride	ND		ug/l	1.0	--	1
Chloroethane	ND		ug/l	1.0	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	2.5	--	1
1,3-Dichlorobenzene	ND		ug/l	2.5	--	1
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
Methyl tert butyl ether	ND		ug/l	1.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-18 Date Collected: 07/19/12 16:00

Client ID: EB-071912-01 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/l	1.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
Xylenes, Total	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1
1,2-Dibromoethane	ND		ug/l	2.0	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1
Methyl Acetate	ND		ug/l	10	--	1
Cyclohexane	ND		ug/l	10	--	1
1,4-Dioxane	ND		ug/l	250	--	1
Freon-113	ND		ug/l	10	--	1
Methyl cyclohexane	ND		ug/l	10	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	99		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-19	Date Collected:	07/19/12 00:00
Client ID:	TB-071912-05	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	1,8260C		
Analytical Date:	07/27/12 18:23		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	--	1
1,1-Dichloroethane	ND		ug/l	0.75	--	1
Chloroform	ND		ug/l	0.75	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	1.8	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.75	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
Trichlorofluoromethane	ND		ug/l	2.5	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.75	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	2.5	--	1
Bromomethane	ND		ug/l	1.0	--	1
Vinyl chloride	ND		ug/l	1.0	--	1
Chloroethane	ND		ug/l	1.0	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	2.5	--	1
1,3-Dichlorobenzene	ND		ug/l	2.5	--	1
1,4-Dichlorobenzene	ND		ug/l	2.5	--	1
Methyl tert butyl ether	ND		ug/l	1.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-19 Date Collected: 07/19/12 00:00

Client ID: TB-071912-05 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/l	1.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
Xylenes, Total	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	5.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	5.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.5	--	1
1,2-Dibromoethane	ND		ug/l	2.0	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--	1
Methyl Acetate	ND		ug/l	10	--	1
Cyclohexane	ND		ug/l	10	--	1
1,4-Dioxane	ND		ug/l	250	--	1
Freon-113	ND		ug/l	10	--	1
Methyl cyclohexane	ND		ug/l	10	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	99		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-20	Date Collected:	07/19/12 00:00
Client ID:	TB-071912-04	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/26/12 17:05		
Analyst:	BN		
Percent Solids:	Results reported on an 'AS RECEIVED' basis.		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	500	--	1
1,1-Dichloroethane	ND		ug/kg	100	--	1
Chloroform	ND		ug/kg	100	--	1
Carbon tetrachloride	ND		ug/kg	100	--	1
1,2-Dichloropropane	ND		ug/kg	200	--	1
Dibromochloromethane	ND		ug/kg	100	--	1
1,1,2-Trichloroethane	ND		ug/kg	100	--	1
Tetrachloroethene	ND		ug/kg	100	--	1
Chlorobenzene	ND		ug/kg	100	--	1
Trichlorofluoromethane	ND		ug/kg	250	--	1
1,2-Dichloroethane	ND		ug/kg	100	--	1
1,1,1-Trichloroethane	ND		ug/kg	100	--	1
Bromodichloromethane	ND		ug/kg	100	--	1
trans-1,3-Dichloropropene	ND		ug/kg	100	--	1
cis-1,3-Dichloropropene	ND		ug/kg	100	--	1
Bromoform	ND		ug/kg	200	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	100	--	1
Benzene	ND		ug/kg	100	--	1
Toluene	ND		ug/kg	100	--	1
Ethylbenzene	ND		ug/kg	100	--	1
Chloromethane	ND		ug/kg	250	--	1
Bromomethane	ND		ug/kg	100	--	1
Vinyl chloride	ND		ug/kg	100	--	1
Chloroethane	ND		ug/kg	100	--	1
1,1-Dichloroethene	ND		ug/kg	100	--	1
trans-1,2-Dichloroethene	ND		ug/kg	100	--	1
Trichloroethene	ND		ug/kg	100	--	1
1,2-Dichlorobenzene	ND		ug/kg	250	--	1
1,3-Dichlorobenzene	ND		ug/kg	250	--	1
1,4-Dichlorobenzene	ND		ug/kg	250	--	1
Methyl tert butyl ether	ND		ug/kg	100	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-20 Date Collected: 07/19/12 00:00

Client ID: TB-071912-04 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	200	--	1
o-Xylene	ND		ug/kg	200	--	1
Xylenes, Total	ND		ug/kg	200	--	1
cis-1,2-Dichloroethene	ND		ug/kg	100	--	1
Styrene	ND		ug/kg	200	--	1
Dichlorodifluoromethane	ND		ug/kg	500	--	1
Acetone	ND		ug/kg	1800	--	1
Carbon disulfide	ND		ug/kg	500	--	1
2-Butanone	ND		ug/kg	500	--	1
4-Methyl-2-pentanone	ND		ug/kg	500	--	1
2-Hexanone	ND		ug/kg	500	--	1
Bromochloromethane	ND		ug/kg	250	--	1
1,2-Dibromoethane	ND		ug/kg	200	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	--	1
Isopropylbenzene	ND		ug/kg	100	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	250	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	250	--	1
Methyl Acetate	ND		ug/kg	1000	--	1
Cyclohexane	ND		ug/kg	1000	--	1
1,4-Dioxane	ND		ug/kg	5000	--	1
Methyl cyclohexane	ND		ug/kg	200	--	1
Freon-113	ND		ug/kg	1000	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	98		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/25/12 08:57
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 01-14 Batch: WG551040-3					
Methylene chloride	ND		ug/kg	10	--
1,1-Dichloroethane	ND		ug/kg	2.0	--
Chloroform	ND		ug/kg	2.0	--
Carbon tetrachloride	ND		ug/kg	2.0	--
1,2-Dichloropropane	ND		ug/kg	4.0	--
Dibromochloromethane	ND		ug/kg	2.0	--
1,1,2-Trichloroethane	ND		ug/kg	2.0	--
Tetrachloroethene	ND		ug/kg	2.0	--
Chlorobenzene	ND		ug/kg	2.0	--
Trichlorofluoromethane	ND		ug/kg	5.0	--
1,2-Dichloroethane	ND		ug/kg	2.0	--
1,1,1-Trichloroethane	ND		ug/kg	2.0	--
Bromodichloromethane	ND		ug/kg	2.0	--
trans-1,3-Dichloropropene	ND		ug/kg	2.0	--
cis-1,3-Dichloropropene	ND		ug/kg	2.0	--
Bromoform	ND		ug/kg	4.0	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.0	--
Benzene	ND		ug/kg	2.0	--
Toluene	ND		ug/kg	2.0	--
Ethylbenzene	ND		ug/kg	2.0	--
Chloromethane	ND		ug/kg	5.0	--
Bromomethane	ND		ug/kg	2.0	--
Vinyl chloride	ND		ug/kg	2.0	--
Chloroethane	ND		ug/kg	2.0	--
1,1-Dichloroethene	ND		ug/kg	2.0	--
trans-1,2-Dichloroethene	ND		ug/kg	2.0	--
Trichloroethene	ND		ug/kg	2.0	--
1,2-Dichlorobenzene	ND		ug/kg	5.0	--
1,3-Dichlorobenzene	ND		ug/kg	5.0	--
1,4-Dichlorobenzene	ND		ug/kg	5.0	--
Methyl tert butyl ether	ND		ug/kg	2.0	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/25/12 08:57
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 01-14 Batch: WG551040-3					
p/m-Xylene	ND		ug/kg	4.0	--
o-Xylene	ND		ug/kg	4.0	--
Xylenes, Total	ND		ug/kg	4.0	--
cis-1,2-Dichloroethene	ND		ug/kg	2.0	--
Styrene	ND		ug/kg	4.0	--
Dichlorodifluoromethane	ND		ug/kg	10	--
Acetone	ND		ug/kg	36	--
Carbon disulfide	ND		ug/kg	10	--
2-Butanone	ND		ug/kg	10	--
4-Methyl-2-pentanone	ND		ug/kg	10	--
2-Hexanone	ND		ug/kg	10	--
Bromochloromethane	ND		ug/kg	5.0	--
1,2-Dibromoethane	ND		ug/kg	4.0	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	--
Isopropylbenzene	ND		ug/kg	2.0	--
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	--
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	--
Methyl Acetate	ND		ug/kg	20	--
Cyclohexane	ND		ug/kg	20	--
1,4-Dioxane	ND		ug/kg	100	--
Methyl cyclohexane	ND		ug/kg	4.0	--
Freon-113	ND		ug/kg	20	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	100		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/25/12 21:57
Analyst: JL

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 07 Batch: WG551075-3					
Methylene chloride	ND		ug/kg	500	--
1,1-Dichloroethane	ND		ug/kg	100	--
Chloroform	ND		ug/kg	100	--
Carbon tetrachloride	ND		ug/kg	100	--
1,2-Dichloropropane	ND		ug/kg	200	--
Dibromochloromethane	ND		ug/kg	100	--
1,1,2-Trichloroethane	ND		ug/kg	100	--
Tetrachloroethene	ND		ug/kg	100	--
Chlorobenzene	ND		ug/kg	100	--
Trichlorofluoromethane	ND		ug/kg	250	--
1,2-Dichloroethane	ND		ug/kg	100	--
1,1,1-Trichloroethane	ND		ug/kg	100	--
Bromodichloromethane	ND		ug/kg	100	--
trans-1,3-Dichloropropene	ND		ug/kg	100	--
cis-1,3-Dichloropropene	ND		ug/kg	100	--
Bromoform	ND		ug/kg	200	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	100	--
Benzene	ND		ug/kg	100	--
Toluene	ND		ug/kg	100	--
Ethylbenzene	ND		ug/kg	100	--
Chloromethane	ND		ug/kg	250	--
Bromomethane	ND		ug/kg	100	--
Vinyl chloride	ND		ug/kg	100	--
Chloroethane	ND		ug/kg	100	--
1,1-Dichloroethene	ND		ug/kg	100	--
trans-1,2-Dichloroethene	ND		ug/kg	100	--
Trichloroethene	ND		ug/kg	100	--
1,2-Dichlorobenzene	ND		ug/kg	250	--
1,3-Dichlorobenzene	ND		ug/kg	250	--
1,4-Dichlorobenzene	ND		ug/kg	250	--
Methyl tert butyl ether	ND		ug/kg	100	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/25/12 21:57
Analyst: JL

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 07 Batch: WG551075-3					
p/m-Xylene	ND		ug/kg	200	--
o-Xylene	ND		ug/kg	200	--
Xylenes, Total	ND		ug/kg	200	--
cis-1,2-Dichloroethene	ND		ug/kg	100	--
Styrene	ND		ug/kg	200	--
Dichlorodifluoromethane	ND		ug/kg	500	--
Acetone	ND		ug/kg	1800	--
Carbon disulfide	ND		ug/kg	500	--
2-Butanone	ND		ug/kg	500	--
4-Methyl-2-pentanone	ND		ug/kg	500	--
2-Hexanone	ND		ug/kg	500	--
Bromochloromethane	ND		ug/kg	250	--
1,2-Dibromoethane	ND		ug/kg	200	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	--
Isopropylbenzene	ND		ug/kg	100	--
1,2,3-Trichlorobenzene	ND		ug/kg	250	--
1,2,4-Trichlorobenzene	ND		ug/kg	250	--
Methyl Acetate	ND		ug/kg	1000	--
Cyclohexane	ND		ug/kg	1000	--
1,4-Dioxane	ND		ug/kg	5000	--
Methyl cyclohexane	ND		ug/kg	200	--
Freon-113	ND		ug/kg	1000	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	102		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/26/12 08:49
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 17,20 Batch: WG551181-3					
Methylene chloride	ND		ug/kg	500	--
1,1-Dichloroethane	ND		ug/kg	100	--
Chloroform	ND		ug/kg	100	--
Carbon tetrachloride	ND		ug/kg	100	--
1,2-Dichloropropane	ND		ug/kg	200	--
Dibromochloromethane	ND		ug/kg	100	--
1,1,2-Trichloroethane	ND		ug/kg	100	--
Tetrachloroethene	ND		ug/kg	100	--
Chlorobenzene	ND		ug/kg	100	--
Trichlorofluoromethane	ND		ug/kg	250	--
1,2-Dichloroethane	ND		ug/kg	100	--
1,1,1-Trichloroethane	ND		ug/kg	100	--
Bromodichloromethane	ND		ug/kg	100	--
trans-1,3-Dichloropropene	ND		ug/kg	100	--
cis-1,3-Dichloropropene	ND		ug/kg	100	--
Bromoform	ND		ug/kg	200	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	100	--
Benzene	ND		ug/kg	100	--
Toluene	ND		ug/kg	100	--
Ethylbenzene	ND		ug/kg	100	--
Chloromethane	ND		ug/kg	250	--
Bromomethane	ND		ug/kg	100	--
Vinyl chloride	ND		ug/kg	100	--
Chloroethane	ND		ug/kg	100	--
1,1-Dichloroethene	ND		ug/kg	100	--
trans-1,2-Dichloroethene	ND		ug/kg	100	--
Trichloroethene	ND		ug/kg	100	--
1,2-Dichlorobenzene	ND		ug/kg	250	--
1,3-Dichlorobenzene	ND		ug/kg	250	--
1,4-Dichlorobenzene	ND		ug/kg	250	--
Methyl tert butyl ether	ND		ug/kg	100	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/26/12 08:49
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 17,20 Batch: WG551181-3					
p/m-Xylene	ND		ug/kg	200	--
o-Xylene	ND		ug/kg	200	--
Xylenes, Total	ND		ug/kg	200	--
cis-1,2-Dichloroethene	ND		ug/kg	100	--
Styrene	ND		ug/kg	200	--
Dichlorodifluoromethane	ND		ug/kg	500	--
Acetone	ND		ug/kg	1800	--
Carbon disulfide	ND		ug/kg	500	--
2-Butanone	ND		ug/kg	500	--
4-Methyl-2-pentanone	ND		ug/kg	500	--
2-Hexanone	ND		ug/kg	500	--
Bromochloromethane	ND		ug/kg	250	--
1,2-Dibromoethane	ND		ug/kg	200	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	--
Isopropylbenzene	ND		ug/kg	100	--
1,2,3-Trichlorobenzene	ND		ug/kg	250	--
1,2,4-Trichlorobenzene	ND		ug/kg	250	--
Methyl Acetate	ND		ug/kg	1000	--
Cyclohexane	ND		ug/kg	1000	--
1,4-Dioxane	ND		ug/kg	5000	--
Methyl cyclohexane	ND		ug/kg	200	--
Freon-113	ND		ug/kg	1000	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	100		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/26/12 08:49
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 17,20 Batch: WG551181-3					
Methylene chloride	ND		ug/kg	500	--
1,1-Dichloroethane	ND		ug/kg	100	--
Chloroform	ND		ug/kg	100	--
Carbon tetrachloride	ND		ug/kg	100	--
1,2-Dichloropropane	ND		ug/kg	200	--
Dibromochloromethane	ND		ug/kg	100	--
1,1,2-Trichloroethane	ND		ug/kg	100	--
Tetrachloroethene	ND		ug/kg	100	--
Chlorobenzene	ND		ug/kg	100	--
Trichlorofluoromethane	ND		ug/kg	250	--
1,2-Dichloroethane	ND		ug/kg	100	--
1,1,1-Trichloroethane	ND		ug/kg	100	--
Bromodichloromethane	ND		ug/kg	100	--
trans-1,3-Dichloropropene	ND		ug/kg	100	--
cis-1,3-Dichloropropene	ND		ug/kg	100	--
Bromoform	ND		ug/kg	200	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	100	--
Benzene	ND		ug/kg	100	--
Toluene	ND		ug/kg	100	--
Ethylbenzene	ND		ug/kg	100	--
Chloromethane	ND		ug/kg	250	--
Bromomethane	ND		ug/kg	100	--
Vinyl chloride	ND		ug/kg	100	--
Chloroethane	ND		ug/kg	100	--
1,1-Dichloroethene	ND		ug/kg	100	--
trans-1,2-Dichloroethene	ND		ug/kg	100	--
Trichloroethene	ND		ug/kg	100	--
1,2-Dichlorobenzene	ND		ug/kg	250	--
1,3-Dichlorobenzene	ND		ug/kg	250	--
1,4-Dichlorobenzene	ND		ug/kg	250	--
Methyl tert butyl ether	ND		ug/kg	100	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/26/12 08:49
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 17,20 Batch: WG551181-3					
p/m-Xylene	ND		ug/kg	200	--
o-Xylene	ND		ug/kg	200	--
Xylenes, Total	ND		ug/kg	200	--
cis-1,2-Dichloroethene	ND		ug/kg	100	--
Styrene	ND		ug/kg	200	--
Dichlorodifluoromethane	ND		ug/kg	500	--
Acetone	ND		ug/kg	1800	--
Carbon disulfide	ND		ug/kg	500	--
2-Butanone	ND		ug/kg	500	--
4-Methyl-2-pentanone	ND		ug/kg	500	--
2-Hexanone	ND		ug/kg	500	--
Bromochloromethane	ND		ug/kg	250	--
1,2-Dibromoethane	ND		ug/kg	200	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	--
Isopropylbenzene	ND		ug/kg	100	--
1,2,3-Trichlorobenzene	ND		ug/kg	250	--
1,2,4-Trichlorobenzene	ND		ug/kg	250	--
Methyl Acetate	ND		ug/kg	1000	--
Cyclohexane	ND		ug/kg	1000	--
1,4-Dioxane	ND		ug/kg	5000	--
Methyl cyclohexane	ND		ug/kg	200	--
Freon-113	ND		ug/kg	1000	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	100		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/26/12 08:55
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 15-16 Batch: WG551186-3					
Methylene chloride	ND		ug/kg	500	--
1,1-Dichloroethane	ND		ug/kg	100	--
Chloroform	ND		ug/kg	100	--
Carbon tetrachloride	ND		ug/kg	100	--
1,2-Dichloropropane	ND		ug/kg	200	--
Dibromochloromethane	ND		ug/kg	100	--
1,1,2-Trichloroethane	ND		ug/kg	100	--
Tetrachloroethene	ND		ug/kg	100	--
Chlorobenzene	ND		ug/kg	100	--
Trichlorofluoromethane	ND		ug/kg	250	--
1,2-Dichloroethane	ND		ug/kg	100	--
1,1,1-Trichloroethane	ND		ug/kg	100	--
Bromodichloromethane	ND		ug/kg	100	--
trans-1,3-Dichloropropene	ND		ug/kg	100	--
cis-1,3-Dichloropropene	ND		ug/kg	100	--
Bromoform	ND		ug/kg	200	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	100	--
Benzene	ND		ug/kg	100	--
Toluene	ND		ug/kg	100	--
Ethylbenzene	ND		ug/kg	100	--
Chloromethane	ND		ug/kg	250	--
Bromomethane	ND		ug/kg	100	--
Vinyl chloride	ND		ug/kg	100	--
Chloroethane	ND		ug/kg	100	--
1,1-Dichloroethene	ND		ug/kg	100	--
trans-1,2-Dichloroethene	ND		ug/kg	100	--
Trichloroethene	ND		ug/kg	100	--
1,2-Dichlorobenzene	ND		ug/kg	250	--
1,3-Dichlorobenzene	ND		ug/kg	250	--
1,4-Dichlorobenzene	ND		ug/kg	250	--
Methyl tert butyl ether	ND		ug/kg	100	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/26/12 08:55
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 15-16 Batch: WG551186-3					
p/m-Xylene	ND		ug/kg	200	--
o-Xylene	ND		ug/kg	200	--
Xylenes, Total	ND		ug/kg	200	--
cis-1,2-Dichloroethene	ND		ug/kg	100	--
Styrene	ND		ug/kg	200	--
Dichlorodifluoromethane	ND		ug/kg	500	--
Acetone	ND		ug/kg	1800	--
Carbon disulfide	ND		ug/kg	500	--
2-Butanone	ND		ug/kg	500	--
4-Methyl-2-pentanone	ND		ug/kg	500	--
2-Hexanone	ND		ug/kg	500	--
Bromochloromethane	ND		ug/kg	250	--
1,2-Dibromoethane	ND		ug/kg	200	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	--
Isopropylbenzene	ND		ug/kg	100	--
1,2,3-Trichlorobenzene	ND		ug/kg	250	--
1,2,4-Trichlorobenzene	ND		ug/kg	250	--
Methyl Acetate	ND		ug/kg	1000	--
Cyclohexane	ND		ug/kg	1000	--
1,4-Dioxane	ND		ug/kg	5000	--
Methyl cyclohexane	ND		ug/kg	200	--
Freon-113	ND		ug/kg	1000	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	112		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	99		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/27/12 09:27
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 18-19 Batch: WG551586-3					
Methylene chloride	ND		ug/l	3.0	--
1,1-Dichloroethane	ND		ug/l	0.75	--
Chloroform	ND		ug/l	0.75	--
Carbon tetrachloride	ND		ug/l	0.50	--
1,2-Dichloropropane	ND		ug/l	1.8	--
Dibromochloromethane	ND		ug/l	0.50	--
1,1,2-Trichloroethane	ND		ug/l	0.75	--
Tetrachloroethene	ND		ug/l	0.50	--
Chlorobenzene	ND		ug/l	0.50	--
Trichlorofluoromethane	ND		ug/l	2.5	--
1,2-Dichloroethane	ND		ug/l	0.50	--
1,1,1-Trichloroethane	ND		ug/l	0.50	--
Bromodichloromethane	ND		ug/l	0.50	--
trans-1,3-Dichloropropene	ND		ug/l	0.50	--
cis-1,3-Dichloropropene	ND		ug/l	0.50	--
Bromoform	ND		ug/l	2.0	--
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--
Benzene	ND		ug/l	0.50	--
Toluene	ND		ug/l	0.75	--
Ethylbenzene	ND		ug/l	0.50	--
Chloromethane	ND		ug/l	2.5	--
Bromomethane	ND		ug/l	1.0	--
Vinyl chloride	ND		ug/l	1.0	--
Chloroethane	ND		ug/l	1.0	--
1,1-Dichloroethene	ND		ug/l	0.50	--
trans-1,2-Dichloroethene	ND		ug/l	0.75	--
Trichloroethene	ND		ug/l	0.50	--
1,2-Dichlorobenzene	ND		ug/l	2.5	--
1,3-Dichlorobenzene	ND		ug/l	2.5	--
1,4-Dichlorobenzene	ND		ug/l	2.5	--
Methyl tert butyl ether	ND		ug/l	1.0	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/27/12 09:27
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 18-19 Batch: WG551586-3					
p/m-Xylene	ND		ug/l	1.0	--
o-Xylene	ND		ug/l	1.0	--
Xylenes, Total	ND		ug/l	1.0	--
cis-1,2-Dichloroethene	ND		ug/l	0.50	--
Styrene	ND		ug/l	1.0	--
Dichlorodifluoromethane	ND		ug/l	5.0	--
Acetone	ND		ug/l	5.0	--
Carbon disulfide	ND		ug/l	5.0	--
2-Butanone	ND		ug/l	5.0	--
4-Methyl-2-pentanone	ND		ug/l	5.0	--
2-Hexanone	ND		ug/l	5.0	--
Bromochloromethane	ND		ug/l	2.5	--
1,2-Dibromoethane	ND		ug/l	2.0	--
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	--
Isopropylbenzene	ND		ug/l	0.50	--
1,2,3-Trichlorobenzene	ND		ug/l	2.5	--
1,2,4-Trichlorobenzene	ND		ug/l	2.5	--
Methyl Acetate	ND		ug/l	10	--
Cyclohexane	ND		ug/l	10	--
1,4-Dioxane	ND		ug/l	250	--
Freon-113	ND		ug/l	10	--
Methyl cyclohexane	ND		ug/l	10	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	99		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212918

Report Date: 09/19/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 01-14 Batch: WG551040-1 WG551040-2								
Methylene chloride	107		109		70-130	2		30
1,1-Dichloroethane	108		107		70-130	1		30
Chloroform	109		108		70-130	1		30
Carbon tetrachloride	115		113		70-130	2		30
1,2-Dichloropropane	108		108		70-130	0		30
Dibromochloromethane	115		117		70-130	2		30
1,1,2-Trichloroethane	112		116		70-130	4		30
Tetrachloroethene	116		115		70-130	1		30
Chlorobenzene	112		112		70-130	0		30
Trichlorofluoromethane	119		117		70-139	2		30
1,2-Dichloroethane	111		112		70-130	1		30
1,1,1-Trichloroethane	112		111		70-130	1		30
Bromodichloromethane	108		108		70-130	0		30
trans-1,3-Dichloropropene	112		114		70-130	2		30
cis-1,3-Dichloropropene	108		108		70-130	0		30
Bromoform	125		129		70-130	3		30
1,1,2,2-Tetrachloroethane	122		128		70-130	5		30
Benzene	108		106		70-130	2		30
Toluene	107		108		70-130	1		30
Ethylbenzene	110		110		70-130	0		30
Chloromethane	108		106		52-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212918

Report Date: 09/19/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 01-14 Batch: WG551040-1 WG551040-2								
Bromomethane	128		126		57-147	2		30
Vinyl chloride	106		104		67-130	2		30
Chloroethane	108		108		50-151	0		30
1,1-Dichloroethene	107		106		65-135	1		30
trans-1,2-Dichloroethene	109		108		70-130	1		30
Trichloroethene	109		108		70-130	1		30
1,2-Dichlorobenzene	119		120		70-130	1		30
1,3-Dichlorobenzene	118		118		70-130	0		30
1,4-Dichlorobenzene	118		118		70-130	0		30
Methyl tert butyl ether	109		113		66-130	4		30
p/m-Xylene	112		112		70-130	0		30
o-Xylene	112		112		70-130	0		30
cis-1,2-Dichloroethene	109		108		70-130	1		30
Styrene	111		112		70-130	1		30
Dichlorodifluoromethane	113		111		30-146	2		30
Acetone	131		**149**	Q	54-140	13		30
Carbon disulfide	105		104		59-130	1		30
2-Butanone	**131**	Q	**139**	Q	70-130	6		30
4-Methyl-2-pentanone	117		126		70-130	7		30
2-Hexanone	120		126		70-130	5		30
Bromochloromethane	110		113		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212918

Report Date: 09/19/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 01-14 Batch: WG551040-1 WG551040-2								
1,2-Dibromoethane	116		118		70-130	2		30
1,2-Dibromo-3-chloropropane	126		**140**	Q	68-130	11		30
Isopropylbenzene	111		112		70-130	1		30
1,2,3-Trichlorobenzene	119		122		70-130	2		30
1,2,4-Trichlorobenzene	119		120		70-130	1		30
Methyl Acetate	118		122		65-130	3		30
Cyclohexane	110		107		70-130	3		30
1,4-Dioxane	132		**144**	Q	65-136	9		30
Methyl cyclohexane	110		107		70-130	3		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	114		110		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		104		70-130
Toluene-d8	99		100		70-130
4-Bromofluorobenzene	101		102		70-130
Dibromofluoromethane	102		102		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212918

Report Date: 09/19/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 07 Batch: WG551075-1 WG551075-2								
Methylene chloride	104		100		70-130	4		30
1,1-Dichloroethane	104		101		70-130	3		30
Chloroform	105		104		70-130	1		30
Carbon tetrachloride	111		110		70-130	1		30
1,2-Dichloropropane	102		100		70-130	2		30
Dibromochloromethane	108		105		70-130	3		30
1,1,2-Trichloroethane	104		102		70-130	2		30
Tetrachloroethene	109		109		70-130	0		30
Chlorobenzene	106		104		70-130	2		30
Trichlorofluoromethane	115		114		70-139	1		30
1,2-Dichloroethane	107		105		70-130	2		30
1,1,1-Trichloroethane	111		109		70-130	2		30
Bromodichloromethane	104		102		70-130	2		30
trans-1,3-Dichloropropene	104		102		70-130	2		30
cis-1,3-Dichloropropene	103		99		70-130	4		30
Bromoform	113		110		70-130	3		30
1,1,2,2-Tetrachloroethane	110		107		70-130	3		30
Benzene	103		101		70-130	2		30
Toluene	102		100		70-130	2		30
Ethylbenzene	105		103		70-130	2		30
Chloromethane	106		106		52-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212918

Report Date: 09/19/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 07 Batch: WG551075-1 WG551075-2								
Bromomethane	122		127		57-147	4		30
Vinyl chloride	102		100		67-130	2		30
Chloroethane	105		105		50-151	0		30
1,1-Dichloroethene	104		102		65-135	2		30
trans-1,2-Dichloroethene	104		104		70-130	0		30
Trichloroethene	104		103		70-130	1		30
1,2-Dichlorobenzene	109		106		70-130	3		30
1,3-Dichlorobenzene	108		107		70-130	1		30
1,4-Dichlorobenzene	109		106		70-130	3		30
Methyl tert butyl ether	104		101		66-130	3		30
p/m-Xylene	106		105		70-130	1		30
o-Xylene	106		105		70-130	1		30
cis-1,2-Dichloroethene	104		102		70-130	2		30
Styrene	104		103		70-130	1		30
Dichlorodifluoromethane	108		107		30-146	1		30
Acetone	112		126		54-140	12		30
Carbon disulfide	100		99		59-130	1		30
2-Butanone	117		123		70-130	5		30
4-Methyl-2-pentanone	108		110		70-130	2		30
2-Hexanone	107		110		70-130	3		30
Bromochloromethane	106		105		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212918

Report Date: 09/19/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 07 Batch: WG551075-1 WG551075-2								
1,2-Dibromoethane	108		105		70-130	3		30
1,2-Dibromo-3-chloropropane	114		117		68-130	3		30
Isopropylbenzene	106		105		70-130	1		30
1,2,3-Trichlorobenzene	108		106		70-130	2		30
1,2,4-Trichlorobenzene	111		107		70-130	4		30
Methyl Acetate	108		110		65-130	2		30
Cyclohexane	103		103		70-130	0		30
1,4-Dioxane	116		116		65-136	0		30
Methyl cyclohexane	103		102		70-130	1		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	106		106		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		105		70-130
Toluene-d8	100		99		70-130
4-Bromofluorobenzene	99		98		70-130
Dibromofluoromethane	104		104		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212918

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 17,20 Batch: WG551181-1 WG551181-2								
Methylene chloride	102		100		70-130	2		30
1,1-Dichloroethane	106		105		70-130	1		30
Chloroform	106		106		70-130	0		30
Carbon tetrachloride	115		116		70-130	1		30
1,2-Dichloropropane	103		102		70-130	1		30
Dibromochloromethane	109		107		70-130	2		30
1,1,2-Trichloroethane	105		103		70-130	2		30
Tetrachloroethene	112		113		70-130	1		30
Chlorobenzene	108		107		70-130	1		30
Trichlorofluoromethane	120		121		70-139	1		30
1,2-Dichloroethane	107		105		70-130	2		30
1,1,1-Trichloroethane	112		112		70-130	0		30
Bromodichloromethane	106		104		70-130	2		30
trans-1,3-Dichloropropene	104		103		70-130	1		30
cis-1,3-Dichloropropene	102		100		70-130	2		30
Bromoform	110		109		70-130	1		30
1,1,2,2-Tetrachloroethane	105		106		70-130	1		30
Benzene	103		103		70-130	0		30
Toluene	103		102		70-130	1		30
Ethylbenzene	106		105		70-130	1		30
Chloromethane	105		107		52-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212918

Report Date: 09/19/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 17,20 Batch: WG551181-1 WG551181-2								
Bromomethane	125		137		57-147	9		30
Vinyl chloride	102		103		67-130	1		30
Chloroethane	104		104		50-151	0		30
1,1-Dichloroethene	104		105		65-135	1		30
trans-1,2-Dichloroethene	105		106		70-130	1		30
Trichloroethene	106		107		70-130	1		30
1,2-Dichlorobenzene	110		109		70-130	1		30
1,3-Dichlorobenzene	110		110		70-130	0		30
1,4-Dichlorobenzene	110		109		70-130	1		30
Methyl tert butyl ether	102		101		66-130	1		30
p/m-Xylene	108		107		70-130	1		30
o-Xylene	108		106		70-130	2		30
cis-1,2-Dichloroethene	104		102		70-130	2		30
Styrene	107		105		70-130	2		30
Dichlorodifluoromethane	110		113		30-146	3		30
Acetone	108		114		54-140	5		30
Carbon disulfide	102		103		59-130	1		30
2-Butanone	110		110		70-130	0		30
4-Methyl-2-pentanone	103		103		70-130	0		30
2-Hexanone	102		104		70-130	2		30
Bromochloromethane	107		107		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212918

Report Date: 09/19/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 17,20 Batch: WG551181-1 WG551181-2								
1,2-Dibromoethane	107		104		70-130	3		30
1,2-Dibromo-3-chloropropane	108		113		68-130	5		30
Isopropylbenzene	109		108		70-130	1		30
1,2,3-Trichlorobenzene	109		110		70-130	1		30
1,2,4-Trichlorobenzene	110		112		70-130	2		30
Methyl Acetate	105		103		65-130	2		30
Cyclohexane	107		107		70-130	0		30
1,4-Dioxane	110		114		65-136	4		30
Methyl cyclohexane	106		106		70-130	0		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	112		113		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		104		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	98		98		70-130
Dibromofluoromethane	102		102		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212918

Report Date: 09/19/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 15-16 Batch: WG551186-1 WG551186-2								
Methylene chloride	93		87		70-130	7		30
1,1-Dichloroethane	92		86		70-130	7		30
Chloroform	88		82		70-130	7		30
Carbon tetrachloride	90		85		70-130	6		30
1,2-Dichloropropane	91		86		70-130	6		30
Dibromochloromethane	94		90		70-130	4		30
1,1,2-Trichloroethane	96		91		70-130	5		30
Tetrachloroethene	100		91		70-130	9		30
Chlorobenzene	98		92		70-130	6		30
Trichlorofluoromethane	76		70		70-139	8		30
1,2-Dichloroethane	89		86		70-130	3		30
1,1,1-Trichloroethane	91		85		70-130	7		30
Bromodichloromethane	86		82		70-130	5		30
trans-1,3-Dichloropropene	96		92		70-130	4		30
cis-1,3-Dichloropropene	86		82		70-130	5		30
Bromoform	90		88		70-130	2		30
1,1,2,2-Tetrachloroethane	103		100		70-130	3		30
Benzene	86		81		70-130	6		30
Toluene	97		90		70-130	7		30
Ethylbenzene	99		91		70-130	8		30
Chloromethane	109		99		52-130	10		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212918

Report Date: 09/19/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 15-16 Batch: WG551186-1 WG551186-2								
Bromomethane	98		79		57-147	21		30
Vinyl chloride	106		95		67-130	11		30
Chloroethane	90		82		50-151	9		30
1,1-Dichloroethene	90		82		65-135	9		30
trans-1,2-Dichloroethene	87		82		70-130	6		30
Trichloroethene	90		84		70-130	7		30
1,2-Dichlorobenzene	107		100		70-130	7		30
1,3-Dichlorobenzene	109		100		70-130	9		30
1,4-Dichlorobenzene	108		100		70-130	8		30
Methyl tert butyl ether	83		79		66-130	5		30
p/m-Xylene	100		93		70-130	7		30
o-Xylene	99		92		70-130	7		30
cis-1,2-Dichloroethene	86		82		70-130	5		30
Styrene	97		89		70-130	9		30
Dichlorodifluoromethane	95		83		30-146	13		30
Acetone	132		109		54-140	19		30
Carbon disulfide	91		83		59-130	9		30
2-Butanone	108		100		70-130	8		30
4-Methyl-2-pentanone	84		81		70-130	4		30
2-Hexanone	110		100		70-130	10		30
Bromochloromethane	91		85		70-130	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212918

Report Date: 09/19/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 15-16 Batch: WG551186-1 WG551186-2								
1,2-Dibromoethane	94		92		70-130	2		30
1,2-Dibromo-3-chloropropane	100		96		68-130	4		30
Isopropylbenzene	110		101		70-130	9		30
1,2,3-Trichlorobenzene	106		99		70-130	7		30
1,2,4-Trichlorobenzene	109		101		70-130	8		30
Methyl Acetate	96		92		65-130	4		30
Cyclohexane	102		93		70-130	9		30
1,4-Dioxane	92		88		65-136	4		30
Methyl cyclohexane	92		83		70-130	10		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	93		84		70-130	10		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		106		70-130
Toluene-d8	110		110		70-130
4-Bromofluorobenzene	104		103		70-130
Dibromofluoromethane	99		99		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212918

Report Date: 09/19/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 18-19 Batch: WG551586-1 WG551586-2								
Methylene chloride	95		95		70-130	0		20
1,1-Dichloroethane	100		102		70-130	2		20
Chloroform	99		97		70-130	2		20
Carbon tetrachloride	89		91		63-132	2		20
1,2-Dichloropropane	97		97		70-130	0		20
Dibromochloromethane	87		86		63-130	1		20
1,1,2-Trichloroethane	93		93		70-130	0		20
Tetrachloroethene	91		95		70-130	4		20
Chlorobenzene	100		101		75-130	1		25
Trichlorofluoromethane	114		114		62-150	0		20
1,2-Dichloroethane	95		94		70-130	1		20
1,1,1-Trichloroethane	92		94		67-130	2		20
Bromodichloromethane	94		93		67-130	1		20
trans-1,3-Dichloropropene	81		84		70-130	4		20
cis-1,3-Dichloropropene	86		88		70-130	2		20
Bromoform	80		81		54-136	1		20
1,1,2,2-Tetrachloroethane	90		92		67-130	2		20
Benzene	102		103		70-130	1		25
Toluene	100		103		70-130	3		25
Ethylbenzene	102		105		70-130	3		20
Chloromethane	67		70		64-130	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212918

Report Date: 09/19/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 18-19 Batch: WG551586-1 WG551586-2								
Bromomethane	60		75		39-139	**22**	Q	20
Vinyl chloride	110		113		55-140	3		20
Chloroethane	122		125		55-138	2		20
1,1-Dichloroethene	96		95		61-145	1		25
trans-1,2-Dichloroethene	98		95		70-130	3		20
Trichloroethene	96		98		70-130	2		25
1,2-Dichlorobenzene	93		95		70-130	2		20
1,3-Dichlorobenzene	99		101		70-130	2		20
1,4-Dichlorobenzene	97		100		70-130	3		20
Methyl tert butyl ether	77		76		63-130	1		20
p/m-Xylene	103		105		70-130	2		20
o-Xylene	101		102		70-130	1		20
cis-1,2-Dichloroethene	97		96		70-130	1		20
Styrene	102		102		70-130	0		20
Dichlorodifluoromethane	79		78		36-147	1		20
Acetone	99		84		58-148	16		20
Carbon disulfide	91		90		51-130	1		20
2-Butanone	66		63		63-138	5		20
4-Methyl-2-pentanone	64		62		59-130	3		20
2-Hexanone	66		61		57-130	8		20
Bromochloromethane	103		101		70-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212918

Report Date: 09/19/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 18-19 Batch: WG551586-1 WG551586-2								
1,2-Dibromoethane	85		86		70-130	1		20
1,2-Dibromo-3-chloropropane	83		86		41-144	4		20
Isopropylbenzene	101		107		70-130	6		20
1,2,3-Trichlorobenzene	70		**66**	Q	70-130	6		20
1,2,4-Trichlorobenzene	77		74		70-130	4		20
Methyl Acetate	75		76		70-130	1		20
Cyclohexane	88		87		70-130	1		20
1,4-Dioxane	77		61		56-162	**23**	Q	20
1,1,2-Trichloro-1,2,2-Trifluoroethane	91		91		70-130	0		20
Methyl cyclohexane	89		90		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	93		93		70-130
Toluene-d8	99		99		70-130
4-Bromofluorobenzene	94		93		70-130
Dibromofluoromethane	98		99		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212918
Report Date: 09/19/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 15-16 QC Batch ID: WG551186-4 WG551186-5 QC Sample: L1213000-07 Client ID: MS Sample												
Methylene chloride	ND	1610	1600	97		1600	100		70-130	3		30
1,1-Dichloroethane	ND	1610	1300	83		1300	81		70-130	2		30
Chloroform	ND	1610	1300	80		1200	77		70-130	3		30
Carbon tetrachloride	ND	1610	1200	75		1200	73		70-130	3		30
1,2-Dichloropropane	ND	1610	1400	84		1300	82		70-130	3		30
Dibromochloromethane	ND	1610	1400	88		1400	86		70-130	2		30
1,1,2-Trichloroethane	ND	1610	1500	91		1400	89		70-130	1		30
Tetrachloroethene	ND	1610	1400	86		1300	83		70-130	3		30
Chlorobenzene	ND	1610	1400	89		1400	86		70-130	3		30
Trichlorofluoromethane	ND	1610	520	**32**	Q	510	**32**	Q	70-139	0		30
1,2-Dichloroethane	ND	1610	1300	83		1300	81		70-130	3		30
1,1,1-Trichloroethane	ND	1610	1300	79		1200	76		70-130	3		30
Bromodichloromethane	ND	1610	1300	80		1200	76		70-130	4		30
trans-1,3-Dichloropropene	ND	1610	1400	89		1400	86		70-130	3		30
cis-1,3-Dichloropropene	ND	1610	1300	78		1200	76		70-130	2		30
Bromoform	ND	1610	1400	84		1300	83		70-130	2		30
1,1,2,2-Tetrachloroethane	ND	1610	1600	99		1600	96		70-130	3		30
Benzene	ND	1610	1300	78		1200	75		70-130	4		30
Toluene	ND	1610	1400	88		1400	85		70-130	3		30
Ethylbenzene	ND	1610	1400	88		1400	84		70-130	4		30
Chloromethane	ND	1610	1600	96		1600	96		52-130	0		30

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212918
Report Date: 09/19/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 15-16 QC Batch ID: WG551186-4 WG551186-5 QC Sample: L1213000-07 Client ID: MS Sample												
Bromomethane	ND	1610	670	**42**	Q	620	**39**	Q	57-147	7		30
Vinyl chloride	ND	1610	1400	84		1400	84		67-130	1		30
Chloroethane	ND	1610	550	**34**	Q	550	**34**	Q	50-151	0		30
1,1-Dichloroethene	ND	1610	1300	82		1300	78		65-135	5		30
trans-1,2-Dichloroethene	ND	1610	1300	79		1200	77		70-130	2		30
Trichloroethene	590	1610	1900	82		1800	78		70-130	4		30
1,2-Dichlorobenzene	ND	1610	1600	98		1500	95		70-130	3		30
1,3-Dichlorobenzene	ND	1610	1600	96		1500	93		70-130	3		30
1,4-Dichlorobenzene	ND	1610	1600	97		1500	93		70-130	4		30
Methyl tert butyl ether	ND	1610	1300	80		1300	78		66-130	2		30
p/m-Xylene	ND	3220	2900	88		2700	85		70-130	4		30
o-Xylene	ND	3220	2900	89		2800	86		70-130	4		30
cis-1,2-Dichloroethene	ND	1610	1400	84		1300	81		70-130	4		30
Styrene	ND	3220	2800	87		2700	83		70-130	5		30
Dichlorodifluoromethane	ND	1610	1100	68		1100	67		30-146	1		30
Acetone	ND	1610	ND	**0**	Q	ND	**0**	Q	54-140	NC		30
Carbon disulfide	ND	1610	1300	82		1300	80		59-130	2		30
2-Butanone	ND	1610	1700	102		1600	99		70-130	3		30
4-Methyl-2-pentanone	ND	1610	1300	81		1300	79		70-130	2		30
2-Hexanone	ND	1610	1600	101		1600	97		70-130	4		30
Bromochloromethane	ND	1610	1400	84		1300	81		70-130	4		30

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212918
Report Date: 09/19/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 15-16 QC Batch ID: WG551186-4 WG551186-5 QC Sample: L1213000-07 Client ID: MS Sample												
1,2-Dibromoethane	ND	1610	1500	91		1400	88		70-130	3		30
1,2-Dibromo-3-chloropropane	ND	1610	1600	98		1500	91		68-130	7		30
Isopropylbenzene	ND	1610	1500	96		1500	93		70-130	3		30
1,2,3-Trichlorobenzene	ND	1610	1600	99		1600	97		70-130	3		30
1,2,4-Trichlorobenzene	ND	1610	1600	101		1500	96		70-130	5		30
Methyl Acetate	ND	1610	1700	102		1700	103		65-130	1		30
Cyclohexane	ND	1610	ND	**0**	Q	ND	**0**	Q	70-130	NC		30
1,4-Dioxane	ND	161000	73000	92		70000	88		65-136	5		30
Methyl cyclohexane	ND	1610	1200	73		1100	70		70-130	4		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1610	ND	**0**	Q	ND	**0**	Q	70-130	NC		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		102		70-130
4-Bromofluorobenzene	104		104		70-130
Dibromofluoromethane	97		96		70-130
Toluene-d8	111		111		70-130

SEMIVOLATILES

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-02 D	Date Collected:	07/14/12 14:10
Client ID:	S-12L-B007-0.5-1.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 14:44
Analytical Date:	08/01/12 01:16		
Analyst:	JB		
Percent Solids:	51%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	1300	--	5
Hexachlorobenzene	ND		ug/kg	950	--	5
Bis(2-chloroethyl)ether	ND		ug/kg	1600	--	5
2-Chloronaphthalene	ND		ug/kg	1600	--	5
3,3'-Dichlorobenzidine	ND		ug/kg	1600	--	5
2,4-Dinitrotoluene	ND		ug/kg	1600	--	5
2,6-Dinitrotoluene	ND		ug/kg	1600	--	5
Fluoranthene	1600		ug/kg	950	--	5
4-Chlorophenyl phenyl ether	ND		ug/kg	1600	--	5
4-Bromophenyl phenyl ether	ND		ug/kg	1600	--	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1900	--	5
Bis(2-chloroethoxy)methane	ND		ug/kg	1600	--	5
Hexachlorobutadiene	ND		ug/kg	1600	--	5
Hexachlorocyclopentadiene	ND		ug/kg	4400	--	5
Hexachloroethane	ND		ug/kg	1300	--	5
Isophorone	ND		ug/kg	1600	--	5
Naphthalene	ND		ug/kg	1600	--	5
Nitrobenzene	ND		ug/kg	1600	--	5
NDPA/DPA	ND		ug/kg	1300	--	5
n-Nitrosodi-n-propylamine	ND		ug/kg	1600	--	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1600	--	5
Butyl benzyl phthalate	ND		ug/kg	1600	--	5
Di-n-butylphthalate	ND		ug/kg	1600	--	5
Di-n-octylphthalate	ND		ug/kg	1600	--	5
Diethyl phthalate	ND		ug/kg	1600	--	5
Dimethyl phthalate	ND		ug/kg	1600	--	5
Benzo(a)anthracene	ND		ug/kg	950	--	5
Benzo(a)pyrene	ND		ug/kg	1300	--	5
Benzo(b)fluoranthene	ND		ug/kg	950	--	5
Benzo(k)fluoranthene	ND		ug/kg	950	--	5
Chrysene	950		ug/kg	950	--	5

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-02 D Date Collected: 07/14/12 14:10

Client ID: S-12L-B007-0.5-1.0 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	1300	--	5
Anthracene	ND		ug/kg	950	--	5
Benzo(ghi)perylene	ND		ug/kg	1300	--	5
Fluorene	ND		ug/kg	1600	--	5
Phenanthrene	990		ug/kg	950	--	5
Dibenzo(a,h)anthracene	ND		ug/kg	950	--	5
Indeno(1,2,3-cd)pyrene	ND		ug/kg	1300	--	5
Pyrene	1600		ug/kg	950	--	5
Biphenyl	ND		ug/kg	3500	--	5
4-Chloroaniline	ND		ug/kg	1600	--	5
2-Nitroaniline	ND		ug/kg	1600	--	5
3-Nitroaniline	ND		ug/kg	1600	--	5
4-Nitroaniline	ND		ug/kg	1600	--	5
Dibenzofuran	ND		ug/kg	1600	--	5
2-Methylnaphthalene	ND		ug/kg	1900	--	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1600	--	5
Acetophenone	ND		ug/kg	1600	--	5
2,4,6-Trichlorophenol	ND		ug/kg	950	--	5
p-Chloro-m-cresol	ND		ug/kg	1600	--	5
2-Chlorophenol	ND		ug/kg	1600	--	5
2,4-Dichlorophenol	ND		ug/kg	1600	--	5
2,4-Dimethylphenol	ND		ug/kg	1600	--	5
2-Nitrophenol	ND		ug/kg	3500	--	5
4-Nitrophenol	ND		ug/kg	2200	--	5
2,4-Dinitrophenol	ND		ug/kg	7600	--	5
4,6-Dinitro-o-cresol	ND		ug/kg	4100	--	5
Pentachlorophenol	ND		ug/kg	1300	--	5
Phenol	ND		ug/kg	1600	--	5
2-Methylphenol	ND		ug/kg	1600	--	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	2200	--	5
2,4,5-Trichlorophenol	ND		ug/kg	1600	--	5
Carbazole	ND		ug/kg	1600	--	5
Atrazine	ND		ug/kg	1300	--	5
Benzaldehyde	ND		ug/kg	2200	--	5
Caprolactam	ND		ug/kg	1600	--	5
2,3,4,6-Tetrachlorophenol	ND		ug/kg	1600	--	5

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-02 D Date Collected: 07/14/12 14:10

Client ID: S-12L-B007-0.5-1.0 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	91		0-136
4-Terphenyl-d14	78		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-03	Date Collected:	07/14/12 14:10
Client ID:	S-12L-B007-1.5-2.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 14:44
Analytical Date:	08/01/12 01:41		
Analyst:	JB		
Percent Solids:	12%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	1100	--	1
Hexachlorobenzene	ND		ug/kg	820	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	1400	--	1
2-Chloronaphthalene	ND		ug/kg	1400	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	1400	--	1
2,4-Dinitrotoluene	ND		ug/kg	1400	--	1
2,6-Dinitrotoluene	ND		ug/kg	1400	--	1
Fluoranthene	ND		ug/kg	820	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	1400	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	1400	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	1600	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	1400	--	1
Hexachlorobutadiene	ND		ug/kg	1400	--	1
Hexachlorocyclopentadiene	ND		ug/kg	3800	--	1
Hexachloroethane	ND		ug/kg	1100	--	1
Isophorone	ND		ug/kg	1400	--	1
Naphthalene	ND		ug/kg	1400	--	1
Nitrobenzene	ND		ug/kg	1400	--	1
NDPA/DPA	ND		ug/kg	1100	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	1400	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1400	--	1
Butyl benzyl phthalate	ND		ug/kg	1400	--	1
Di-n-butylphthalate	ND		ug/kg	1400	--	1
Di-n-octylphthalate	ND		ug/kg	1400	--	1
Diethyl phthalate	ND		ug/kg	1400	--	1
Dimethyl phthalate	ND		ug/kg	1400	--	1
Benzo(a)anthracene	ND		ug/kg	820	--	1
Benzo(a)pyrene	ND		ug/kg	1100	--	1
Benzo(b)fluoranthene	ND		ug/kg	820	--	1
Benzo(k)fluoranthene	ND		ug/kg	820	--	1
Chrysene	ND		ug/kg	820	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-03 Date Collected: 07/14/12 14:10

Client ID: S-12L-B007-1.5-2.0 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	1100	--	1
Anthracene	ND		ug/kg	820	--	1
Benzo(ghi)perylene	ND		ug/kg	1100	--	1
Fluorene	ND		ug/kg	1400	--	1
Phenanthrene	ND		ug/kg	820	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	820	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	1100	--	1
Pyrene	ND		ug/kg	820	--	1
Biphenyl	ND		ug/kg	3000	--	1
4-Chloroaniline	ND		ug/kg	1400	--	1
2-Nitroaniline	ND		ug/kg	1400	--	1
3-Nitroaniline	ND		ug/kg	1400	--	1
4-Nitroaniline	ND		ug/kg	1400	--	1
Dibenzofuran	ND		ug/kg	1400	--	1
2-Methylnaphthalene	ND		ug/kg	1600	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1400	--	1
Acetophenone	ND		ug/kg	1400	--	1
2,4,6-Trichlorophenol	ND		ug/kg	820	--	1
p-Chloro-m-cresol	ND		ug/kg	1400	--	1
2-Chlorophenol	ND		ug/kg	1400	--	1
2,4-Dichlorophenol	ND		ug/kg	1400	--	1
2,4-Dimethylphenol	ND		ug/kg	1400	--	1
2-Nitrophenol	ND		ug/kg	3000	--	1
4-Nitrophenol	ND		ug/kg	1900	--	1
2,4-Dinitrophenol	ND		ug/kg	6500	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	3500	--	1
Pentachlorophenol	ND		ug/kg	1100	--	1
Phenol	ND		ug/kg	1400	--	1
2-Methylphenol	ND		ug/kg	1400	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	1900	--	1
2,4,5-Trichlorophenol	ND		ug/kg	1400	--	1
Carbazole	ND		ug/kg	1400	--	1
Atrazine	ND		ug/kg	1100	--	1
Benzaldehyde	ND		ug/kg	1900	--	1
Caprolactam	ND		ug/kg	1400	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	1400	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-03 Date Collected: 07/14/12 14:10

Client ID: S-12L-B007-1.5-2.0 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		25-120
Phenol-d6	57		10-120
Nitrobenzene-d5	45		23-120
2-Fluorobiphenyl	48		30-120
2,4,6-Tribromophenol	52		0-136
4-Terphenyl-d14	42		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-04	Date Collected:	07/14/12 14:10
Client ID:	S-12L-B007-2.5-3.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 14:44
Analytical Date:	08/01/12 02:06		
Analyst:	JB		
Percent Solids:	12%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	1100	--	1
Hexachlorobenzene	ND		ug/kg	820	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	1400	--	1
2-Chloronaphthalene	ND		ug/kg	1400	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	1400	--	1
2,4-Dinitrotoluene	ND		ug/kg	1400	--	1
2,6-Dinitrotoluene	ND		ug/kg	1400	--	1
Fluoranthene	ND		ug/kg	820	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	1400	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	1400	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	1600	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	1400	--	1
Hexachlorobutadiene	ND		ug/kg	1400	--	1
Hexachlorocyclopentadiene	ND		ug/kg	3800	--	1
Hexachloroethane	ND		ug/kg	1100	--	1
Isophorone	ND		ug/kg	1400	--	1
Naphthalene	ND		ug/kg	1400	--	1
Nitrobenzene	ND		ug/kg	1400	--	1
NDPA/DPA	ND		ug/kg	1100	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	1400	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1400	--	1
Butyl benzyl phthalate	ND		ug/kg	1400	--	1
Di-n-butylphthalate	ND		ug/kg	1400	--	1
Di-n-octylphthalate	ND		ug/kg	1400	--	1
Diethyl phthalate	ND		ug/kg	1400	--	1
Dimethyl phthalate	ND		ug/kg	1400	--	1
Benzo(a)anthracene	ND		ug/kg	820	--	1
Benzo(a)pyrene	ND		ug/kg	1100	--	1
Benzo(b)fluoranthene	ND		ug/kg	820	--	1
Benzo(k)fluoranthene	ND		ug/kg	820	--	1
Chrysene	ND		ug/kg	820	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-04 Date Collected: 07/14/12 14:10

Client ID: S-12L-B007-2.5-3.0 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	1100	--	1
Anthracene	ND		ug/kg	820	--	1
Benzo(ghi)perylene	ND		ug/kg	1100	--	1
Fluorene	ND		ug/kg	1400	--	1
Phenanthrene	ND		ug/kg	820	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	820	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	1100	--	1
Pyrene	ND		ug/kg	820	--	1
Biphenyl	ND		ug/kg	3000	--	1
4-Chloroaniline	ND		ug/kg	1400	--	1
2-Nitroaniline	ND		ug/kg	1400	--	1
3-Nitroaniline	ND		ug/kg	1400	--	1
4-Nitroaniline	ND		ug/kg	1400	--	1
Dibenzofuran	ND		ug/kg	1400	--	1
2-Methylnaphthalene	ND		ug/kg	1600	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1400	--	1
Acetophenone	ND		ug/kg	1400	--	1
2,4,6-Trichlorophenol	ND		ug/kg	820	--	1
p-Chloro-m-cresol	ND		ug/kg	1400	--	1
2-Chlorophenol	ND		ug/kg	1400	--	1
2,4-Dichlorophenol	ND		ug/kg	1400	--	1
2,4-Dimethylphenol	ND		ug/kg	1400	--	1
2-Nitrophenol	ND		ug/kg	3000	--	1
4-Nitrophenol	ND		ug/kg	1900	--	1
2,4-Dinitrophenol	ND		ug/kg	6600	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	3600	--	1
Pentachlorophenol	ND		ug/kg	1100	--	1
Phenol	ND		ug/kg	1400	--	1
2-Methylphenol	ND		ug/kg	1400	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	1900	--	1
2,4,5-Trichlorophenol	ND		ug/kg	1400	--	1
Carbazole	ND		ug/kg	1400	--	1
Atrazine	ND		ug/kg	1100	--	1
Benzaldehyde	ND		ug/kg	1900	--	1
Caprolactam	ND		ug/kg	1400	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	1400	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-04 Date Collected: 07/14/12 14:10

Client ID: S-12L-B007-2.5-3.0 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	103		25-120
Phenol-d6	105		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	115		0-136
4-Terphenyl-d14	94		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-05	Date Collected:	07/14/12 14:10
Client ID:	S-12L-B007-2.5-3.0REP	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 14:44
Analytical Date:	08/01/12 02:31		
Analyst:	JB		
Percent Solids:	17%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	770	--	1
Hexachlorobenzene	ND		ug/kg	580	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	970	--	1
2-Chloronaphthalene	ND		ug/kg	970	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	970	--	1
2,4-Dinitrotoluene	ND		ug/kg	970	--	1
2,6-Dinitrotoluene	ND		ug/kg	970	--	1
Fluoranthene	ND		ug/kg	580	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	970	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	970	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	1200	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	970	--	1
Hexachlorobutadiene	ND		ug/kg	970	--	1
Hexachlorocyclopentadiene	ND		ug/kg	2700	--	1
Hexachloroethane	ND		ug/kg	770	--	1
Isophorone	ND		ug/kg	970	--	1
Naphthalene	ND		ug/kg	970	--	1
Nitrobenzene	ND		ug/kg	970	--	1
NDPA/DPA	ND		ug/kg	770	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	970	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	970	--	1
Butyl benzyl phthalate	ND		ug/kg	970	--	1
Di-n-butylphthalate	ND		ug/kg	970	--	1
Di-n-octylphthalate	ND		ug/kg	970	--	1
Diethyl phthalate	ND		ug/kg	970	--	1
Dimethyl phthalate	ND		ug/kg	970	--	1
Benzo(a)anthracene	ND		ug/kg	580	--	1
Benzo(a)pyrene	ND		ug/kg	770	--	1
Benzo(b)fluoranthene	ND		ug/kg	580	--	1
Benzo(k)fluoranthene	ND		ug/kg	580	--	1
Chrysene	ND		ug/kg	580	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-05 Date Collected: 07/14/12 14:10

Client ID: S-12L-B007-2.5-3.0REP Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	770	--	1
Anthracene	ND		ug/kg	580	--	1
Benzo(ghi)perylene	ND		ug/kg	770	--	1
Fluorene	ND		ug/kg	970	--	1
Phenanthrene	ND		ug/kg	580	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	580	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	770	--	1
Pyrene	ND		ug/kg	580	--	1
Biphenyl	ND		ug/kg	2100	--	1
4-Chloroaniline	ND		ug/kg	970	--	1
2-Nitroaniline	ND		ug/kg	970	--	1
3-Nitroaniline	ND		ug/kg	970	--	1
4-Nitroaniline	ND		ug/kg	970	--	1
Dibenzofuran	ND		ug/kg	970	--	1
2-Methylnaphthalene	ND		ug/kg	1200	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	970	--	1
Acetophenone	ND		ug/kg	970	--	1
2,4,6-Trichlorophenol	ND		ug/kg	580	--	1
p-Chloro-m-cresol	ND		ug/kg	970	--	1
2-Chlorophenol	ND		ug/kg	970	--	1
2,4-Dichlorophenol	ND		ug/kg	970	--	1
2,4-Dimethylphenol	ND		ug/kg	970	--	1
2-Nitrophenol	ND		ug/kg	2100	--	1
4-Nitrophenol	ND		ug/kg	1400	--	1
2,4-Dinitrophenol	ND		ug/kg	4600	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	2500	--	1
Pentachlorophenol	ND		ug/kg	770	--	1
Phenol	ND		ug/kg	970	--	1
2-Methylphenol	ND		ug/kg	970	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	1400	--	1
2,4,5-Trichlorophenol	ND		ug/kg	970	--	1
Carbazole	ND		ug/kg	970	--	1
Atrazine	ND		ug/kg	770	--	1
Benzaldehyde	ND		ug/kg	1400	--	1
Caprolactam	ND		ug/kg	970	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	970	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-05 Date Collected: 07/14/12 14:10

Client ID: S-12L-B007-2.5-3.0REP Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	89		25-120
Phenol-d6	95		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	96		0-136
4-Terphenyl-d14	70		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-06	Date Collected:	07/14/12 14:30
Client ID:	S-12L-B007-5.0-5.5	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 14:44
Analytical Date:	08/01/12 02:56		
Analyst:	JB		
Percent Solids:	95%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	--	1
Hexachlorobenzene	ND		ug/kg	100	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	--	1
2-Chloronaphthalene	ND		ug/kg	170	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	--	1
2,4-Dinitrotoluene	ND		ug/kg	170	--	1
2,6-Dinitrotoluene	ND		ug/kg	170	--	1
Fluoranthene	ND		ug/kg	100	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	170	--	1
Hexachlorobutadiene	ND		ug/kg	170	--	1
Hexachlorocyclopentadiene	ND		ug/kg	480	--	1
Hexachloroethane	ND		ug/kg	140	--	1
Isophorone	ND		ug/kg	170	--	1
Naphthalene	ND		ug/kg	170	--	1
Nitrobenzene	ND		ug/kg	170	--	1
NDPA/DPA	ND		ug/kg	140	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	--	1
Butyl benzyl phthalate	ND		ug/kg	170	--	1
Di-n-butylphthalate	ND		ug/kg	170	--	1
Di-n-octylphthalate	ND		ug/kg	170	--	1
Diethyl phthalate	ND		ug/kg	170	--	1
Dimethyl phthalate	ND		ug/kg	170	--	1
Benzo(a)anthracene	ND		ug/kg	100	--	1
Benzo(a)pyrene	ND		ug/kg	140	--	1
Benzo(b)fluoranthene	ND		ug/kg	100	--	1
Benzo(k)fluoranthene	ND		ug/kg	100	--	1
Chrysene	ND		ug/kg	100	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-06 Date Collected: 07/14/12 14:30

Client ID: S-12L-B007-5.0-5.5 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	140	--	1
Anthracene	ND		ug/kg	100	--	1
Benzo(ghi)perylene	ND		ug/kg	140	--	1
Fluorene	ND		ug/kg	170	--	1
Phenanthrene	ND		ug/kg	100	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	--	1
Pyrene	ND		ug/kg	100	--	1
Biphenyl	ND		ug/kg	380	--	1
4-Chloroaniline	ND		ug/kg	170	--	1
2-Nitroaniline	ND		ug/kg	170	--	1
3-Nitroaniline	ND		ug/kg	170	--	1
4-Nitroaniline	ND		ug/kg	170	--	1
Dibenzofuran	ND		ug/kg	170	--	1
2-Methylnaphthalene	ND		ug/kg	200	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	--	1
Acetophenone	ND		ug/kg	170	--	1
2,4,6-Trichlorophenol	ND		ug/kg	100	--	1
p-Chloro-m-cresol	ND		ug/kg	170	--	1
2-Chlorophenol	ND		ug/kg	170	--	1
2,4-Dichlorophenol	ND		ug/kg	170	--	1
2,4-Dimethylphenol	ND		ug/kg	170	--	1
2-Nitrophenol	ND		ug/kg	380	--	1
4-Nitrophenol	ND		ug/kg	240	--	1
2,4-Dinitrophenol	ND		ug/kg	820	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	--	1
Pentachlorophenol	ND		ug/kg	140	--	1
Phenol	ND		ug/kg	170	--	1
2-Methylphenol	ND		ug/kg	170	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	--	1
2,4,5-Trichlorophenol	ND		ug/kg	170	--	1
Carbazole	ND		ug/kg	170	--	1
Atrazine	ND		ug/kg	140	--	1
Benzaldehyde	ND		ug/kg	240	--	1
Caprolactam	ND		ug/kg	170	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-06 Date Collected: 07/14/12 14:30

Client ID: S-12L-B007-5.0-5.5 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	90		25-120
Phenol-d6	89		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	101		0-136
4-Terphenyl-d14	86		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-07	Date Collected:	07/14/12 14:45
Client ID:	S-12L-B007-10.0-10.5	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 14:45
Analytical Date:	08/01/12 03:21		
Analyst:	JB		
Percent Solids:	89%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	--	1
2-Chloronaphthalene	ND		ug/kg	180	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	--	1
2,4-Dinitrotoluene	ND		ug/kg	180	--	1
2,6-Dinitrotoluene	ND		ug/kg	180	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	--	1
Hexachlorobutadiene	ND		ug/kg	180	--	1
Hexachlorocyclopentadiene	ND		ug/kg	520	--	1
Hexachloroethane	ND		ug/kg	150	--	1
Isophorone	ND		ug/kg	180	--	1
Naphthalene	ND		ug/kg	180	--	1
Nitrobenzene	ND		ug/kg	180	--	1
NDPA/DPA	ND		ug/kg	150	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	--	1
Butyl benzyl phthalate	ND		ug/kg	180	--	1
Di-n-butylphthalate	ND		ug/kg	180	--	1
Di-n-octylphthalate	ND		ug/kg	180	--	1
Diethyl phthalate	ND		ug/kg	180	--	1
Dimethyl phthalate	ND		ug/kg	180	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	150	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-07 Date Collected: 07/14/12 14:45

Client ID: S-12L-B007-10.0-10.5 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	150	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	150	--	1
Fluorene	ND		ug/kg	180	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	410	--	1
4-Chloroaniline	ND		ug/kg	180	--	1
2-Nitroaniline	ND		ug/kg	180	--	1
3-Nitroaniline	ND		ug/kg	180	--	1
4-Nitroaniline	ND		ug/kg	180	--	1
Dibenzofuran	ND		ug/kg	180	--	1
2-Methylnaphthalene	ND		ug/kg	220	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	--	1
Acetophenone	ND		ug/kg	180	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	180	--	1
2-Chlorophenol	ND		ug/kg	180	--	1
2,4-Dichlorophenol	ND		ug/kg	180	--	1
2,4-Dimethylphenol	ND		ug/kg	180	--	1
2-Nitrophenol	ND		ug/kg	410	--	1
4-Nitrophenol	ND		ug/kg	260	--	1
2,4-Dinitrophenol	ND		ug/kg	890	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	--	1
Pentachlorophenol	ND		ug/kg	150	--	1
Phenol	ND		ug/kg	180	--	1
2-Methylphenol	ND		ug/kg	180	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	--	1
2,4,5-Trichlorophenol	ND		ug/kg	180	--	1
Carbazole	ND		ug/kg	180	--	1
Atrazine	ND		ug/kg	150	--	1
Benzaldehyde	ND		ug/kg	260	--	1
Caprolactam	ND		ug/kg	180	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-07 Date Collected: 07/14/12 14:45

Client ID: S-12L-B007-10.0-10.5 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	95		0-136
4-Terphenyl-d14	74		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-08	Date Collected:	07/14/12 15:00
Client ID:	S-12L-B007-14.5-15.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 20:40
Analytical Date:	07/31/12 21:45		
Analyst:	RC		
Percent Solids:	94%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	--	1
Hexachlorobenzene	ND		ug/kg	100	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	--	1
2-Chloronaphthalene	ND		ug/kg	170	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	--	1
2,4-Dinitrotoluene	ND		ug/kg	170	--	1
2,6-Dinitrotoluene	ND		ug/kg	170	--	1
Fluoranthene	ND		ug/kg	100	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	170	--	1
Hexachlorobutadiene	ND		ug/kg	170	--	1
Hexachlorocyclopentadiene	ND		ug/kg	490	--	1
Hexachloroethane	ND		ug/kg	140	--	1
Isophorone	ND		ug/kg	170	--	1
Naphthalene	ND		ug/kg	170	--	1
Nitrobenzene	ND		ug/kg	170	--	1
NDPA/DPA	ND		ug/kg	140	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	--	1
Butyl benzyl phthalate	ND		ug/kg	170	--	1
Di-n-butylphthalate	ND		ug/kg	170	--	1
Di-n-octylphthalate	ND		ug/kg	170	--	1
Diethyl phthalate	ND		ug/kg	170	--	1
Dimethyl phthalate	ND		ug/kg	170	--	1
Benzo(a)anthracene	ND		ug/kg	100	--	1
Benzo(a)pyrene	ND		ug/kg	140	--	1
Benzo(b)fluoranthene	ND		ug/kg	100	--	1
Benzo(k)fluoranthene	ND		ug/kg	100	--	1
Chrysene	ND		ug/kg	100	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-08 Date Collected: 07/14/12 15:00

Client ID: S-12L-B007-14.5-15.0 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	140	--	1
Anthracene	ND		ug/kg	100	--	1
Benzo(ghi)perylene	ND		ug/kg	140	--	1
Fluorene	ND		ug/kg	170	--	1
Phenanthrene	ND		ug/kg	100	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	--	1
Pyrene	ND		ug/kg	100	--	1
Biphenyl	ND		ug/kg	380	--	1
4-Chloroaniline	ND		ug/kg	170	--	1
2-Nitroaniline	ND		ug/kg	170	--	1
3-Nitroaniline	ND		ug/kg	170	--	1
4-Nitroaniline	ND		ug/kg	170	--	1
Dibenzofuran	ND		ug/kg	170	--	1
2-Methylnaphthalene	ND		ug/kg	210	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	--	1
Acetophenone	ND		ug/kg	170	--	1
2,4,6-Trichlorophenol	ND		ug/kg	100	--	1
p-Chloro-m-cresol	ND		ug/kg	170	--	1
2-Chlorophenol	ND		ug/kg	170	--	1
2,4-Dichlorophenol	ND		ug/kg	170	--	1
2,4-Dimethylphenol	ND		ug/kg	170	--	1
2-Nitrophenol	ND		ug/kg	380	--	1
4-Nitrophenol	ND		ug/kg	240	--	1
2,4-Dinitrophenol	ND		ug/kg	830	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	--	1
Pentachlorophenol	ND		ug/kg	140	--	1
Phenol	ND		ug/kg	170	--	1
2-Methylphenol	ND		ug/kg	170	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	--	1
2,4,5-Trichlorophenol	ND		ug/kg	170	--	1
Carbazole	ND		ug/kg	170	--	1
Atrazine	ND		ug/kg	140	--	1
Benzaldehyde	ND		ug/kg	240	--	1
Caprolactam	ND		ug/kg	170	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-08 Date Collected: 07/14/12 15:00

Client ID: S-12L-B007-14.5-15.0 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	79		0-136
4-Terphenyl-d14	83		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-09	Date Collected:	07/14/12 15:00
Client ID:	S-12L-B007-15.5-16.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 20:40
Analytical Date:	08/01/12 01:04		
Analyst:	RC		
Percent Solids:	91%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	--	1
2-Chloronaphthalene	ND		ug/kg	180	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	--	1
2,4-Dinitrotoluene	ND		ug/kg	180	--	1
2,6-Dinitrotoluene	ND		ug/kg	180	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	--	1
Hexachlorobutadiene	ND		ug/kg	180	--	1
Hexachlorocyclopentadiene	ND		ug/kg	500	--	1
Hexachloroethane	ND		ug/kg	140	--	1
Isophorone	ND		ug/kg	180	--	1
Naphthalene	ND		ug/kg	180	--	1
Nitrobenzene	ND		ug/kg	180	--	1
NDPA/DPA	ND		ug/kg	140	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	--	1
Butyl benzyl phthalate	ND		ug/kg	180	--	1
Di-n-butylphthalate	ND		ug/kg	180	--	1
Di-n-octylphthalate	ND		ug/kg	180	--	1
Diethyl phthalate	ND		ug/kg	180	--	1
Dimethyl phthalate	ND		ug/kg	180	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	140	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-09 Date Collected: 07/14/12 15:00

Client ID: S-12L-B007-15.5-16.0 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	140	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	140	--	1
Fluorene	ND		ug/kg	180	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	390	--	1
4-Chloroaniline	ND		ug/kg	180	--	1
2-Nitroaniline	ND		ug/kg	180	--	1
3-Nitroaniline	ND		ug/kg	180	--	1
4-Nitroaniline	ND		ug/kg	180	--	1
Dibenzofuran	ND		ug/kg	180	--	1
2-Methylnaphthalene	ND		ug/kg	210	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	--	1
Acetophenone	ND		ug/kg	180	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	180	--	1
2-Chlorophenol	ND		ug/kg	180	--	1
2,4-Dichlorophenol	ND		ug/kg	180	--	1
2,4-Dimethylphenol	ND		ug/kg	180	--	1
2-Nitrophenol	ND		ug/kg	390	--	1
4-Nitrophenol	ND		ug/kg	250	--	1
2,4-Dinitrophenol	ND		ug/kg	860	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	--	1
Pentachlorophenol	ND		ug/kg	140	--	1
Phenol	ND		ug/kg	180	--	1
2-Methylphenol	ND		ug/kg	180	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	--	1
2,4,5-Trichlorophenol	ND		ug/kg	180	--	1
Carbazole	ND		ug/kg	180	--	1
Atrazine	ND		ug/kg	140	--	1
Benzaldehyde	ND		ug/kg	250	--	1
Caprolactam	ND		ug/kg	180	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-09 Date Collected: 07/14/12 15:00

Client ID: S-12L-B007-15.5-16.0 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	94		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	78		0-136
4-Terphenyl-d14	92		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-10	Date Collected:	07/14/12 15:20
Client ID:	S-12L-B007-19.5-20.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 20:40
Analytical Date:	08/01/12 01:31		
Analyst:	RC		
Percent Solids:	85%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	--	1
Hexachlorobenzene	ND		ug/kg	120	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	--	1
2-Chloronaphthalene	ND		ug/kg	190	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	--	1
2,4-Dinitrotoluene	ND		ug/kg	190	--	1
2,6-Dinitrotoluene	ND		ug/kg	190	--	1
Fluoranthene	ND		ug/kg	120	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	--	1
Hexachlorobutadiene	ND		ug/kg	190	--	1
Hexachlorocyclopentadiene	ND		ug/kg	540	--	1
Hexachloroethane	ND		ug/kg	150	--	1
Isophorone	ND		ug/kg	190	--	1
Naphthalene	ND		ug/kg	190	--	1
Nitrobenzene	ND		ug/kg	190	--	1
NDPA/DPA	ND		ug/kg	150	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	--	1
Butyl benzyl phthalate	ND		ug/kg	190	--	1
Di-n-butylphthalate	ND		ug/kg	190	--	1
Di-n-octylphthalate	ND		ug/kg	190	--	1
Diethyl phthalate	ND		ug/kg	190	--	1
Dimethyl phthalate	ND		ug/kg	190	--	1
Benzo(a)anthracene	ND		ug/kg	120	--	1
Benzo(a)pyrene	ND		ug/kg	150	--	1
Benzo(b)fluoranthene	ND		ug/kg	120	--	1
Benzo(k)fluoranthene	ND		ug/kg	120	--	1
Chrysene	ND		ug/kg	120	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-10 Date Collected: 07/14/12 15:20

Client ID: S-12L-B007-19.5-20.0 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	150	--	1
Anthracene	ND		ug/kg	120	--	1
Benzo(ghi)perylene	ND		ug/kg	150	--	1
Fluorene	ND		ug/kg	190	--	1
Phenanthrene	ND		ug/kg	120	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	--	1
Pyrene	ND		ug/kg	120	--	1
Biphenyl	ND		ug/kg	420	--	1
4-Chloroaniline	ND		ug/kg	190	--	1
2-Nitroaniline	ND		ug/kg	190	--	1
3-Nitroaniline	ND		ug/kg	190	--	1
4-Nitroaniline	ND		ug/kg	190	--	1
Dibenzofuran	ND		ug/kg	190	--	1
2-Methylnaphthalene	ND		ug/kg	230	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	--	1
Acetophenone	ND		ug/kg	190	--	1
2,4,6-Trichlorophenol	ND		ug/kg	120	--	1
p-Chloro-m-cresol	ND		ug/kg	190	--	1
2-Chlorophenol	ND		ug/kg	190	--	1
2,4-Dichlorophenol	ND		ug/kg	190	--	1
2,4-Dimethylphenol	ND		ug/kg	190	--	1
2-Nitrophenol	ND		ug/kg	420	--	1
4-Nitrophenol	ND		ug/kg	270	--	1
2,4-Dinitrophenol	ND		ug/kg	920	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	--	1
Pentachlorophenol	ND		ug/kg	150	--	1
Phenol	ND		ug/kg	190	--	1
2-Methylphenol	ND		ug/kg	190	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	--	1
2,4,5-Trichlorophenol	ND		ug/kg	190	--	1
Carbazole	ND		ug/kg	190	--	1
Atrazine	ND		ug/kg	150	--	1
Benzaldehyde	ND		ug/kg	270	--	1
Caprolactam	ND		ug/kg	190	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-10 Date Collected: 07/14/12 15:20

Client ID: S-12L-B007-19.5-20.0 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	64		0-136
4-Terphenyl-d14	91		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-11	Date Collected:	07/14/12 15:20
Client ID:	S-12L-B007-20.5-21.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 20:40
Analytical Date:	08/01/12 01:58		
Analyst:	RC		
Percent Solids:	93%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	--	1
Hexachlorobenzene	ND		ug/kg	100	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	--	1
2-Chloronaphthalene	ND		ug/kg	170	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	--	1
2,4-Dinitrotoluene	ND		ug/kg	170	--	1
2,6-Dinitrotoluene	ND		ug/kg	170	--	1
Fluoranthene	ND		ug/kg	100	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	170	--	1
Hexachlorobutadiene	ND		ug/kg	170	--	1
Hexachlorocyclopentadiene	ND		ug/kg	490	--	1
Hexachloroethane	ND		ug/kg	140	--	1
Isophorone	ND		ug/kg	170	--	1
Naphthalene	ND		ug/kg	170	--	1
Nitrobenzene	ND		ug/kg	170	--	1
NDPA/DPA	ND		ug/kg	140	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	--	1
Butyl benzyl phthalate	ND		ug/kg	170	--	1
Di-n-butylphthalate	ND		ug/kg	170	--	1
Di-n-octylphthalate	ND		ug/kg	170	--	1
Diethyl phthalate	ND		ug/kg	170	--	1
Dimethyl phthalate	ND		ug/kg	170	--	1
Benzo(a)anthracene	ND		ug/kg	100	--	1
Benzo(a)pyrene	ND		ug/kg	140	--	1
Benzo(b)fluoranthene	ND		ug/kg	100	--	1
Benzo(k)fluoranthene	ND		ug/kg	100	--	1
Chrysene	ND		ug/kg	100	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-11 Date Collected: 07/14/12 15:20

Client ID: S-12L-B007-20.5-21.0 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	140	--	1
Anthracene	ND		ug/kg	100	--	1
Benzo(ghi)perylene	ND		ug/kg	140	--	1
Fluorene	ND		ug/kg	170	--	1
Phenanthrene	ND		ug/kg	100	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	--	1
Pyrene	ND		ug/kg	100	--	1
Biphenyl	ND		ug/kg	380	--	1
4-Chloroaniline	ND		ug/kg	170	--	1
2-Nitroaniline	ND		ug/kg	170	--	1
3-Nitroaniline	ND		ug/kg	170	--	1
4-Nitroaniline	ND		ug/kg	170	--	1
Dibenzofuran	ND		ug/kg	170	--	1
2-Methylnaphthalene	ND		ug/kg	210	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	--	1
Acetophenone	ND		ug/kg	170	--	1
2,4,6-Trichlorophenol	ND		ug/kg	100	--	1
p-Chloro-m-cresol	ND		ug/kg	170	--	1
2-Chlorophenol	ND		ug/kg	170	--	1
2,4-Dichlorophenol	ND		ug/kg	170	--	1
2,4-Dimethylphenol	ND		ug/kg	170	--	1
2-Nitrophenol	ND		ug/kg	380	--	1
4-Nitrophenol	ND		ug/kg	240	--	1
2,4-Dinitrophenol	ND		ug/kg	830	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	--	1
Pentachlorophenol	ND		ug/kg	140	--	1
Phenol	ND		ug/kg	170	--	1
2-Methylphenol	ND		ug/kg	170	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	--	1
2,4,5-Trichlorophenol	ND		ug/kg	170	--	1
Carbazole	ND		ug/kg	170	--	1
Atrazine	ND		ug/kg	140	--	1
Benzaldehyde	ND		ug/kg	240	--	1
Caprolactam	ND		ug/kg	170	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-11 Date Collected: 07/14/12 15:20

Client ID: S-12L-B007-20.5-21.0 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	57		0-136
4-Terphenyl-d14	84		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-12	Date Collected:	07/14/12 16:05
Client ID:	S-12L-B007-30.0-30.5	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 20:40
Analytical Date:	08/01/12 02:26		
Analyst:	RC		
Percent Solids:	98%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	130	--	1
Hexachlorobenzene	ND		ug/kg	100	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	--	1
2-Chloronaphthalene	ND		ug/kg	170	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	--	1
2,4-Dinitrotoluene	ND		ug/kg	170	--	1
2,6-Dinitrotoluene	ND		ug/kg	170	--	1
Fluoranthene	ND		ug/kg	100	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	170	--	1
Hexachlorobutadiene	ND		ug/kg	170	--	1
Hexachlorocyclopentadiene	ND		ug/kg	470	--	1
Hexachloroethane	ND		ug/kg	130	--	1
Isophorone	ND		ug/kg	170	--	1
Naphthalene	ND		ug/kg	170	--	1
Nitrobenzene	ND		ug/kg	170	--	1
NDPA/DPA	ND		ug/kg	130	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	--	1
Butyl benzyl phthalate	ND		ug/kg	170	--	1
Di-n-butylphthalate	ND		ug/kg	170	--	1
Di-n-octylphthalate	ND		ug/kg	170	--	1
Diethyl phthalate	ND		ug/kg	170	--	1
Dimethyl phthalate	ND		ug/kg	170	--	1
Benzo(a)anthracene	ND		ug/kg	100	--	1
Benzo(a)pyrene	ND		ug/kg	130	--	1
Benzo(b)fluoranthene	ND		ug/kg	100	--	1
Benzo(k)fluoranthene	ND		ug/kg	100	--	1
Chrysene	ND		ug/kg	100	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-12 Date Collected: 07/14/12 16:05

Client ID: S-12L-B007-30.0-30.5 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	130	--	1
Anthracene	ND		ug/kg	100	--	1
Benzo(ghi)perylene	ND		ug/kg	130	--	1
Fluorene	ND		ug/kg	170	--	1
Phenanthrene	ND		ug/kg	100	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	--	1
Pyrene	ND		ug/kg	100	--	1
Biphenyl	ND		ug/kg	370	--	1
4-Chloroaniline	ND		ug/kg	170	--	1
2-Nitroaniline	ND		ug/kg	170	--	1
3-Nitroaniline	ND		ug/kg	170	--	1
4-Nitroaniline	ND		ug/kg	170	--	1
Dibenzofuran	ND		ug/kg	170	--	1
2-Methylnaphthalene	ND		ug/kg	200	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	--	1
Acetophenone	ND		ug/kg	170	--	1
2,4,6-Trichlorophenol	ND		ug/kg	100	--	1
p-Chloro-m-cresol	ND		ug/kg	170	--	1
2-Chlorophenol	ND		ug/kg	170	--	1
2,4-Dichlorophenol	ND		ug/kg	170	--	1
2,4-Dimethylphenol	ND		ug/kg	170	--	1
2-Nitrophenol	ND		ug/kg	370	--	1
4-Nitrophenol	ND		ug/kg	230	--	1
2,4-Dinitrophenol	ND		ug/kg	800	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	430	--	1
Pentachlorophenol	ND		ug/kg	130	--	1
Phenol	ND		ug/kg	170	--	1
2-Methylphenol	ND		ug/kg	170	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	--	1
2,4,5-Trichlorophenol	ND		ug/kg	170	--	1
Carbazole	ND		ug/kg	170	--	1
Atrazine	ND		ug/kg	130	--	1
Benzaldehyde	ND		ug/kg	230	--	1
Caprolactam	ND		ug/kg	170	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-12 Date Collected: 07/14/12 16:05

Client ID: S-12L-B007-30.0-30.5 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	90		25-120
Phenol-d6	89		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	89		0-136
4-Terphenyl-d14	93		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-13	Date Collected:	07/14/12 16:05
Client ID:	S-12L-B007-32.5-33.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 20:40
Analytical Date:	08/01/12 02:53		
Analyst:	RC		
Percent Solids:	93%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	--	1
Hexachlorobenzene	ND		ug/kg	100	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	--	1
2-Chloronaphthalene	ND		ug/kg	180	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	--	1
2,4-Dinitrotoluene	ND		ug/kg	180	--	1
2,6-Dinitrotoluene	ND		ug/kg	180	--	1
Fluoranthene	ND		ug/kg	100	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	--	1
Hexachlorobutadiene	ND		ug/kg	180	--	1
Hexachlorocyclopentadiene	ND		ug/kg	490	--	1
Hexachloroethane	ND		ug/kg	140	--	1
Isophorone	ND		ug/kg	180	--	1
Naphthalene	ND		ug/kg	180	--	1
Nitrobenzene	ND		ug/kg	180	--	1
NDPA/DPA	ND		ug/kg	140	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	--	1
Butyl benzyl phthalate	ND		ug/kg	180	--	1
Di-n-butylphthalate	ND		ug/kg	180	--	1
Di-n-octylphthalate	ND		ug/kg	180	--	1
Diethyl phthalate	ND		ug/kg	180	--	1
Dimethyl phthalate	ND		ug/kg	180	--	1
Benzo(a)anthracene	ND		ug/kg	100	--	1
Benzo(a)pyrene	ND		ug/kg	140	--	1
Benzo(b)fluoranthene	ND		ug/kg	100	--	1
Benzo(k)fluoranthene	ND		ug/kg	100	--	1
Chrysene	ND		ug/kg	100	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-13 Date Collected: 07/14/12 16:05

Client ID: S-12L-B007-32.5-33.0 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	140	--	1
Anthracene	ND		ug/kg	100	--	1
Benzo(ghi)perylene	ND		ug/kg	140	--	1
Fluorene	ND		ug/kg	180	--	1
Phenanthrene	ND		ug/kg	100	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	--	1
Pyrene	ND		ug/kg	100	--	1
Biphenyl	ND		ug/kg	390	--	1
4-Chloroaniline	ND		ug/kg	180	--	1
2-Nitroaniline	ND		ug/kg	180	--	1
3-Nitroaniline	ND		ug/kg	180	--	1
4-Nitroaniline	ND		ug/kg	180	--	1
Dibenzofuran	ND		ug/kg	180	--	1
2-Methylnaphthalene	ND		ug/kg	210	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	--	1
Acetophenone	ND		ug/kg	180	--	1
2,4,6-Trichlorophenol	ND		ug/kg	100	--	1
p-Chloro-m-cresol	ND		ug/kg	180	--	1
2-Chlorophenol	ND		ug/kg	180	--	1
2,4-Dichlorophenol	ND		ug/kg	180	--	1
2,4-Dimethylphenol	ND		ug/kg	180	--	1
2-Nitrophenol	ND		ug/kg	390	--	1
4-Nitrophenol	ND		ug/kg	250	--	1
2,4-Dinitrophenol	ND		ug/kg	850	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	--	1
Pentachlorophenol	ND		ug/kg	140	--	1
Phenol	ND		ug/kg	180	--	1
2-Methylphenol	ND		ug/kg	180	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	--	1
2,4,5-Trichlorophenol	ND		ug/kg	180	--	1
Carbazole	ND		ug/kg	180	--	1
Atrazine	ND		ug/kg	140	--	1
Benzaldehyde	ND		ug/kg	250	--	1
Caprolactam	ND		ug/kg	180	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-13 Date Collected: 07/14/12 16:05

Client ID: S-12L-B007-32.5-33.0 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	83		0-136
4-Terphenyl-d14	91		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-14	Date Collected:	07/14/12 16:20
Client ID:	S-12L-B007-34.5-35.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 20:40
Analytical Date:	08/01/12 03:21		
Analyst:	RC		
Percent Solids:	92%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	--	1
2-Chloronaphthalene	ND		ug/kg	180	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	--	1
2,4-Dinitrotoluene	ND		ug/kg	180	--	1
2,6-Dinitrotoluene	ND		ug/kg	180	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	--	1
Hexachlorobutadiene	ND		ug/kg	180	--	1
Hexachlorocyclopentadiene	ND		ug/kg	500	--	1
Hexachloroethane	ND		ug/kg	140	--	1
Isophorone	ND		ug/kg	180	--	1
Naphthalene	ND		ug/kg	180	--	1
Nitrobenzene	ND		ug/kg	180	--	1
NDPA/DPA	ND		ug/kg	140	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	--	1
Butyl benzyl phthalate	ND		ug/kg	180	--	1
Di-n-butylphthalate	ND		ug/kg	180	--	1
Di-n-octylphthalate	ND		ug/kg	180	--	1
Diethyl phthalate	ND		ug/kg	180	--	1
Dimethyl phthalate	ND		ug/kg	180	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	140	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-14 Date Collected: 07/14/12 16:20

Client ID: S-12L-B007-34.5-35.0 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	140	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	140	--	1
Fluorene	ND		ug/kg	180	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	390	--	1
4-Chloroaniline	ND		ug/kg	180	--	1
2-Nitroaniline	ND		ug/kg	180	--	1
3-Nitroaniline	ND		ug/kg	180	--	1
4-Nitroaniline	ND		ug/kg	180	--	1
Dibenzofuran	ND		ug/kg	180	--	1
2-Methylnaphthalene	ND		ug/kg	210	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	--	1
Acetophenone	ND		ug/kg	180	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	180	--	1
2-Chlorophenol	ND		ug/kg	180	--	1
2,4-Dichlorophenol	ND		ug/kg	180	--	1
2,4-Dimethylphenol	ND		ug/kg	180	--	1
2-Nitrophenol	ND		ug/kg	390	--	1
4-Nitrophenol	ND		ug/kg	250	--	1
2,4-Dinitrophenol	ND		ug/kg	850	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	--	1
Pentachlorophenol	ND		ug/kg	140	--	1
Phenol	ND		ug/kg	180	--	1
2-Methylphenol	ND		ug/kg	180	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	--	1
2,4,5-Trichlorophenol	ND		ug/kg	180	--	1
Carbazole	ND		ug/kg	180	--	1
Atrazine	ND		ug/kg	140	--	1
Benzaldehyde	ND		ug/kg	250	--	1
Caprolactam	ND		ug/kg	180	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-14 Date Collected: 07/14/12 16:20

Client ID: S-12L-B007-34.5-35.0 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	74		0-136
4-Terphenyl-d14	96		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-15 D	Date Collected:	07/18/12 07:55
Client ID:	S-12L-B012-1.0-1.5	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 20:40
Analytical Date:	08/01/12 03:48		
Analyst:	RC		
Percent Solids:	46%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	570	--	2
Hexachlorobenzene	ND		ug/kg	430	--	2
Bis(2-chloroethyl)ether	ND		ug/kg	710	--	2
2-Chloronaphthalene	ND		ug/kg	710	--	2
3,3'-Dichlorobenzidine	ND		ug/kg	710	--	2
2,4-Dinitrotoluene	ND		ug/kg	710	--	2
2,6-Dinitrotoluene	ND		ug/kg	710	--	2
Fluoranthene	3500		ug/kg	430	--	2
4-Chlorophenyl phenyl ether	ND		ug/kg	710	--	2
4-Bromophenyl phenyl ether	ND		ug/kg	710	--	2
Bis(2-chloroisopropyl)ether	ND		ug/kg	850	--	2
Bis(2-chloroethoxy)methane	ND		ug/kg	710	--	2
Hexachlorobutadiene	ND		ug/kg	710	--	2
Hexachlorocyclopentadiene	ND		ug/kg	2000	--	2
Hexachloroethane	ND		ug/kg	570	--	2
Isophorone	ND		ug/kg	710	--	2
Naphthalene	ND		ug/kg	710	--	2
Nitrobenzene	ND		ug/kg	710	--	2
NDPA/DPA	ND		ug/kg	570	--	2
n-Nitrosodi-n-propylamine	ND		ug/kg	710	--	2
Bis(2-ethylhexyl)phthalate	ND		ug/kg	710	--	2
Butyl benzyl phthalate	ND		ug/kg	710	--	2
Di-n-butylphthalate	ND		ug/kg	710	--	2
Di-n-octylphthalate	ND		ug/kg	710	--	2
Diethyl phthalate	ND		ug/kg	710	--	2
Dimethyl phthalate	ND		ug/kg	710	--	2
Benzo(a)anthracene	1300		ug/kg	430	--	2
Benzo(a)pyrene	1300		ug/kg	570	--	2
Benzo(b)fluoranthene	1600		ug/kg	430	--	2
Benzo(k)fluoranthene	740		ug/kg	430	--	2
Chrysene	1500		ug/kg	430	--	2

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-15 D Date Collected: 07/18/12 07:55

Client ID: S-12L-B012-1.0-1.5 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	570	--	2
Anthracene	570		ug/kg	430	--	2
Benzo(ghi)perylene	870		ug/kg	570	--	2
Fluorene	ND		ug/kg	710	--	2
Phenanthrene	2000		ug/kg	430	--	2
Dibenzo(a,h)anthracene	ND		ug/kg	430	--	2
Indeno(1,2,3-cd)pyrene	940		ug/kg	570	--	2
Pyrene	3100		ug/kg	430	--	2
Biphenyl	ND		ug/kg	1600	--	2
4-Chloroaniline	ND		ug/kg	710	--	2
2-Nitroaniline	ND		ug/kg	710	--	2
3-Nitroaniline	ND		ug/kg	710	--	2
4-Nitroaniline	ND		ug/kg	710	--	2
Dibenzofuran	ND		ug/kg	710	--	2
2-Methylnaphthalene	ND		ug/kg	850	--	2
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	710	--	2
Acetophenone	ND		ug/kg	710	--	2
2,4,6-Trichlorophenol	ND		ug/kg	430	--	2
p-Chloro-m-cresol	ND		ug/kg	710	--	2
2-Chlorophenol	ND		ug/kg	710	--	2
2,4-Dichlorophenol	ND		ug/kg	710	--	2
2,4-Dimethylphenol	ND		ug/kg	710	--	2
2-Nitrophenol	ND		ug/kg	1600	--	2
4-Nitrophenol	ND		ug/kg	990	--	2
2,4-Dinitrophenol	ND		ug/kg	3400	--	2
4,6-Dinitro-o-cresol	ND		ug/kg	1800	--	2
Pentachlorophenol	ND		ug/kg	570	--	2
Phenol	ND		ug/kg	710	--	2
2-Methylphenol	ND		ug/kg	710	--	2
3-Methylphenol/4-Methylphenol	ND		ug/kg	990	--	2
2,4,5-Trichlorophenol	ND		ug/kg	710	--	2
Carbazole	ND		ug/kg	710	--	2
Atrazine	ND		ug/kg	570	--	2
Benzaldehyde	ND		ug/kg	990	--	2
Caprolactam	ND		ug/kg	710	--	2
2,3,4,6-Tetrachlorophenol	ND		ug/kg	710	--	2

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-15 D Date Collected: 07/18/12 07:55

Client ID: S-12L-B012-1.0-1.5 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	82		0-136
4-Terphenyl-d14	80		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-16 D	Date Collected:	07/18/12 07:55
Client ID:	S-12L-B012-1.0-1.5 REP	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 20:40
Analytical Date:	08/01/12 04:16		
Analyst:	RC		
Percent Solids:	48%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	670		ug/kg	540	--	2
Hexachlorobenzene	ND		ug/kg	410	--	2
Bis(2-chloroethyl)ether	ND		ug/kg	680	--	2
2-Chloronaphthalene	ND		ug/kg	680	--	2
3,3'-Dichlorobenzidine	ND		ug/kg	680	--	2
2,4-Dinitrotoluene	ND		ug/kg	680	--	2
2,6-Dinitrotoluene	ND		ug/kg	680	--	2
Fluoranthene	4300		ug/kg	410	--	2
4-Chlorophenyl phenyl ether	ND		ug/kg	680	--	2
4-Bromophenyl phenyl ether	ND		ug/kg	680	--	2
Bis(2-chloroisopropyl)ether	ND		ug/kg	820	--	2
Bis(2-chloroethoxy)methane	ND		ug/kg	680	--	2
Hexachlorobutadiene	ND		ug/kg	680	--	2
Hexachlorocyclopentadiene	ND		ug/kg	1900	--	2
Hexachloroethane	ND		ug/kg	540	--	2
Isophorone	ND		ug/kg	680	--	2
Naphthalene	ND		ug/kg	680	--	2
Nitrobenzene	ND		ug/kg	680	--	2
NDPA/DPA	ND		ug/kg	540	--	2
n-Nitrosodi-n-propylamine	ND		ug/kg	680	--	2
Bis(2-ethylhexyl)phthalate	ND		ug/kg	680	--	2
Butyl benzyl phthalate	ND		ug/kg	680	--	2
Di-n-butylphthalate	ND		ug/kg	680	--	2
Di-n-octylphthalate	ND		ug/kg	680	--	2
Diethyl phthalate	ND		ug/kg	680	--	2
Dimethyl phthalate	ND		ug/kg	680	--	2
Benzo(a)anthracene	1800		ug/kg	410	--	2
Benzo(a)pyrene	1600		ug/kg	540	--	2
Benzo(b)fluoranthene	1800		ug/kg	410	--	2
Benzo(k)fluoranthene	780		ug/kg	410	--	2
Chrysene	1800		ug/kg	410	--	2

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-16 D
Client ID: S-12L-B012-1.0-1.5 REP
Sample Location: NEW BEDFORD, MA

Date Collected: 07/18/12 07:55
Date Received: 07/19/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	540	--	2
Anthracene	1600		ug/kg	410	--	2
Benzo(ghi)perylene	860		ug/kg	540	--	2
Fluorene	800		ug/kg	680	--	2
Phenanthrene	4700		ug/kg	410	--	2
Dibenzo(a,h)anthracene	ND		ug/kg	410	--	2
Indeno(1,2,3-cd)pyrene	1000		ug/kg	540	--	2
Pyrene	3600		ug/kg	410	--	2
Biphenyl	ND		ug/kg	1500	--	2
4-Chloroaniline	ND		ug/kg	680	--	2
2-Nitroaniline	ND		ug/kg	680	--	2
3-Nitroaniline	ND		ug/kg	680	--	2
4-Nitroaniline	ND		ug/kg	680	--	2
Dibenzofuran	ND		ug/kg	680	--	2
2-Methylnaphthalene	ND		ug/kg	820	--	2
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	680	--	2
Acetophenone	ND		ug/kg	680	--	2
2,4,6-Trichlorophenol	ND		ug/kg	410	--	2
p-Chloro-m-cresol	ND		ug/kg	680	--	2
2-Chlorophenol	ND		ug/kg	680	--	2
2,4-Dichlorophenol	ND		ug/kg	680	--	2
2,4-Dimethylphenol	ND		ug/kg	680	--	2
2-Nitrophenol	ND		ug/kg	1500	--	2
4-Nitrophenol	ND		ug/kg	950	--	2
2,4-Dinitrophenol	ND		ug/kg	3300	--	2
4,6-Dinitro-o-cresol	ND		ug/kg	1800	--	2
Pentachlorophenol	ND		ug/kg	540	--	2
Phenol	ND		ug/kg	680	--	2
2-Methylphenol	ND		ug/kg	680	--	2
3-Methylphenol/4-Methylphenol	ND		ug/kg	950	--	2
2,4,5-Trichlorophenol	ND		ug/kg	680	--	2
Carbazole	ND		ug/kg	680	--	2
Atrazine	ND		ug/kg	540	--	2
Benzaldehyde	ND		ug/kg	950	--	2
Caprolactam	ND		ug/kg	680	--	2
2,3,4,6-Tetrachlorophenol	ND		ug/kg	680	--	2

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-16 D Date Collected: 07/18/12 07:55

Client ID: S-12L-B012-1.0-1.5 REP Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	76		0-136
4-Terphenyl-d14	79		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-17	Date Collected:	07/18/12 07:55
Client ID:	S-12L-B012-2.0-2.5	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 20:40
Analytical Date:	08/01/12 04:43		
Analyst:	RC		
Percent Solids:	43%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	310	--	1
Hexachlorobenzene	ND		ug/kg	230	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	380	--	1
2-Chloronaphthalene	ND		ug/kg	380	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	380	--	1
2,4-Dinitrotoluene	ND		ug/kg	380	--	1
2,6-Dinitrotoluene	ND		ug/kg	380	--	1
Fluoranthene	ND		ug/kg	230	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	380	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	380	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	460	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	380	--	1
Hexachlorobutadiene	ND		ug/kg	380	--	1
Hexachlorocyclopentadiene	ND		ug/kg	1100	--	1
Hexachloroethane	ND		ug/kg	310	--	1
Isophorone	ND		ug/kg	380	--	1
Naphthalene	ND		ug/kg	380	--	1
Nitrobenzene	ND		ug/kg	380	--	1
NDPA/DPA	ND		ug/kg	310	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	380	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	380	--	1
Butyl benzyl phthalate	ND		ug/kg	380	--	1
Di-n-butylphthalate	ND		ug/kg	380	--	1
Di-n-octylphthalate	ND		ug/kg	380	--	1
Diethyl phthalate	ND		ug/kg	380	--	1
Dimethyl phthalate	ND		ug/kg	380	--	1
Benzo(a)anthracene	ND		ug/kg	230	--	1
Benzo(a)pyrene	ND		ug/kg	310	--	1
Benzo(b)fluoranthene	ND		ug/kg	230	--	1
Benzo(k)fluoranthene	ND		ug/kg	230	--	1
Chrysene	ND		ug/kg	230	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-17 Date Collected: 07/18/12 07:55

Client ID: S-12L-B012-2.0-2.5 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	310	--	1
Anthracene	ND		ug/kg	230	--	1
Benzo(ghi)perylene	ND		ug/kg	310	--	1
Fluorene	ND		ug/kg	380	--	1
Phenanthrene	ND		ug/kg	230	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	230	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	310	--	1
Pyrene	ND		ug/kg	230	--	1
Biphenyl	ND		ug/kg	840	--	1
4-Chloroaniline	ND		ug/kg	380	--	1
2-Nitroaniline	ND		ug/kg	380	--	1
3-Nitroaniline	ND		ug/kg	380	--	1
4-Nitroaniline	ND		ug/kg	380	--	1
Dibenzofuran	ND		ug/kg	380	--	1
2-Methylnaphthalene	ND		ug/kg	460	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	380	--	1
Acetophenone	ND		ug/kg	380	--	1
2,4,6-Trichlorophenol	ND		ug/kg	230	--	1
p-Chloro-m-cresol	ND		ug/kg	380	--	1
2-Chlorophenol	ND		ug/kg	380	--	1
2,4-Dichlorophenol	ND		ug/kg	380	--	1
2,4-Dimethylphenol	ND		ug/kg	380	--	1
2-Nitrophenol	ND		ug/kg	840	--	1
4-Nitrophenol	ND		ug/kg	540	--	1
2,4-Dinitrophenol	ND		ug/kg	1800	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	1000	--	1
Pentachlorophenol	ND		ug/kg	310	--	1
Phenol	ND		ug/kg	380	--	1
2-Methylphenol	ND		ug/kg	380	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	540	--	1
2,4,5-Trichlorophenol	ND		ug/kg	380	--	1
Carbazole	ND		ug/kg	380	--	1
Atrazine	ND		ug/kg	310	--	1
Benzaldehyde	ND		ug/kg	540	--	1
Caprolactam	ND		ug/kg	380	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	380	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-17 Date Collected: 07/18/12 07:55

Client ID: S-12L-B012-2.0-2.5 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	106		0-136
4-Terphenyl-d14	86		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-18	Date Collected:	07/19/12 16:00
Client ID:	EB-071912-01	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8270D	Extraction Date:	07/23/12 08:20
Analytical Date:	07/31/12 22:54		
Analyst:	RC		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/l	2.0	--	1
Hexachlorobenzene	ND		ug/l	2.0	--	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	--	1
2-Chloronaphthalene	ND		ug/l	2.0	--	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	--	1
2,4-Dinitrotoluene	ND		ug/l	5.0	--	1
2,6-Dinitrotoluene	ND		ug/l	5.0	--	1
Fluoranthene	ND		ug/l	2.0	--	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	--	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	--	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	--	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	--	1
Hexachlorobutadiene	ND		ug/l	2.0	--	1
Hexachlorocyclopentadiene	ND		ug/l	20	--	1
Hexachloroethane	ND		ug/l	2.0	--	1
Isophorone	ND		ug/l	5.0	--	1
Naphthalene	ND		ug/l	2.0	--	1
Nitrobenzene	ND		ug/l	2.0	--	1
NDPA/DPA	ND		ug/l	2.0	--	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	--	1
Butyl benzyl phthalate	ND		ug/l	5.0	--	1
Di-n-butylphthalate	ND		ug/l	5.0	--	1
Di-n-octylphthalate	ND		ug/l	5.0	--	1
Diethyl phthalate	ND		ug/l	5.0	--	1
Dimethyl phthalate	ND		ug/l	5.0	--	1
Benzo(a)anthracene	ND		ug/l	2.0	--	1
Benzo(a)pyrene	ND		ug/l	2.0	--	1
Benzo(b)fluoranthene	ND		ug/l	2.0	--	1
Benzo(k)fluoranthene	ND		ug/l	2.0	--	1
Chrysene	ND		ug/l	2.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-18 Date Collected: 07/19/12 16:00

Client ID: EB-071912-01 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/l	2.0	--	1
Anthracene	ND		ug/l	2.0	--	1
Benzo(ghi)perylene	ND		ug/l	2.0	--	1
Fluorene	ND		ug/l	2.0	--	1
Phenanthrene	ND		ug/l	2.0	--	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	--	1
Pyrene	ND		ug/l	2.0	--	1
Biphenyl	ND		ug/l	2.0	--	1
4-Chloroaniline	ND		ug/l	5.0	--	1
2-Nitroaniline	ND		ug/l	5.0	--	1
3-Nitroaniline	ND		ug/l	5.0	--	1
4-Nitroaniline	ND		ug/l	5.0	--	1
Dibenzofuran	ND		ug/l	2.0	--	1
2-Methylnaphthalene	ND		ug/l	2.0	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	--	1
Acetophenone	ND		ug/l	5.0	--	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	--	1
p-Chloro-m-cresol	ND		ug/l	2.0	--	1
2-Chlorophenol	ND		ug/l	2.0	--	1
2,4-Dichlorophenol	ND		ug/l	5.0	--	1
2,4-Dimethylphenol	ND		ug/l	5.0	--	1
2-Nitrophenol	ND		ug/l	10	--	1
4-Nitrophenol	ND		ug/l	10	--	1
2,4-Dinitrophenol	ND		ug/l	20	--	1
4,6-Dinitro-o-cresol	ND		ug/l	10	--	1
Pentachlorophenol	ND		ug/l	10	--	1
Phenol	ND		ug/l	5.0	--	1
2-Methylphenol	ND		ug/l	5.0	--	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	--	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	--	1
Carbazole	ND		ug/l	2.0	--	1
Atrazine	ND		ug/l	10	--	1
Benzaldehyde	ND		ug/l	5.0	--	1
Caprolactam	ND		ug/l	10	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-18 Date Collected: 07/19/12 16:00

Client ID: EB-071912-01 Date Received: 07/19/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		21-120
Phenol-d6	26		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	80		10-120
4-Terphenyl-d14	100		41-149

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/30/12 11:17
Analyst: RC

Extraction Method: EPA 3510C
Extraction Date: 07/23/12 08:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 18 Batch: WG550132-1					
Acenaphthene	ND		ug/l	2.0	--
Hexachlorobenzene	ND		ug/l	2.0	--
Bis(2-chloroethyl)ether	ND		ug/l	2.0	--
2-Chloronaphthalene	ND		ug/l	2.0	--
3,3'-Dichlorobenzidine	ND		ug/l	5.0	--
2,4-Dinitrotoluene	ND		ug/l	5.0	--
2,6-Dinitrotoluene	ND		ug/l	5.0	--
Fluoranthene	ND		ug/l	2.0	--
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	--
4-Bromophenyl phenyl ether	ND		ug/l	2.0	--
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	--
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	--
Hexachlorobutadiene	ND		ug/l	2.0	--
Hexachlorocyclopentadiene	ND		ug/l	20	--
Hexachloroethane	ND		ug/l	2.0	--
Isophorone	ND		ug/l	5.0	--
Naphthalene	ND		ug/l	2.0	--
Nitrobenzene	ND		ug/l	2.0	--
NDPA/DPA	ND		ug/l	2.0	--
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	--
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	--
Butyl benzyl phthalate	ND		ug/l	5.0	--
Di-n-butylphthalate	ND		ug/l	5.0	--
Di-n-octylphthalate	ND		ug/l	5.0	--
Diethyl phthalate	ND		ug/l	5.0	--
Dimethyl phthalate	ND		ug/l	5.0	--
Benzo(a)anthracene	ND		ug/l	2.0	--
Benzo(a)pyrene	ND		ug/l	2.0	--
Benzo(b)fluoranthene	ND		ug/l	2.0	--
Benzo(k)fluoranthene	ND		ug/l	2.0	--
Chrysene	ND		ug/l	2.0	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/30/12 11:17
Analyst: RC

Extraction Method: EPA 3510C
Extraction Date: 07/23/12 08:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 18 Batch: WG550132-1					
Acenaphthylene	ND		ug/l	2.0	--
Anthracene	ND		ug/l	2.0	--
Benzo(ghi)perylene	ND		ug/l	2.0	--
Fluorene	ND		ug/l	2.0	--
Phenanthrene	ND		ug/l	2.0	--
Dibenzo(a,h)anthracene	ND		ug/l	2.0	--
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	--
Pyrene	ND		ug/l	2.0	--
Biphenyl	ND		ug/l	2.0	--
4-Chloroaniline	ND		ug/l	5.0	--
2-Nitroaniline	ND		ug/l	5.0	--
3-Nitroaniline	ND		ug/l	5.0	--
4-Nitroaniline	ND		ug/l	5.0	--
Dibenzofuran	ND		ug/l	2.0	--
2-Methylnaphthalene	ND		ug/l	2.0	--
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	--
Acetophenone	ND		ug/l	5.0	--
2,4,6-Trichlorophenol	ND		ug/l	5.0	--
p-Chloro-m-cresol	ND		ug/l	2.0	--
2-Chlorophenol	ND		ug/l	2.0	--
2,4-Dichlorophenol	ND		ug/l	5.0	--
2,4-Dimethylphenol	ND		ug/l	5.0	--
2-Nitrophenol	ND		ug/l	10	--
4-Nitrophenol	ND		ug/l	10	--
2,4-Dinitrophenol	ND		ug/l	20	--
4,6-Dinitro-o-cresol	ND		ug/l	10	--
Pentachlorophenol	ND		ug/l	10	--
Phenol	ND		ug/l	5.0	--
2-Methylphenol	ND		ug/l	5.0	--
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	--
2,4,5-Trichlorophenol	ND		ug/l	5.0	--

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212918
Report Date: 09/19/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/30/12 11:17
Analyst: RC

Extraction Method: EPA 3510C
Extraction Date: 07/23/12 08:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 18 Batch: WG550132-1					
Carbazole	ND		ug/l	2.0	--
Atrazine	ND		ug/l	10	--
Benzaldehyde	ND		ug/l	5.0	--
Caprolactam	ND		ug/l	10	--
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		21-120
Phenol-d6	51		10-120
Nitrobenzene-d5	117		23-120
2-Fluorobiphenyl	109		15-120
2,4,6-Tribromophenol	**126**	Q	10-120
4-Terphenyl-d14	149		41-149

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/01/12 09:50
Analyst: JB

Extraction Method: EPA 3540C
Extraction Date: 07/26/12 12:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-07 Batch: WG551041-1					
Acenaphthene	ND		ug/kg	130	--
Hexachlorobenzene	ND		ug/kg	98	--
Bis(2-chloroethyl)ether	ND		ug/kg	160	--
2-Chloronaphthalene	ND		ug/kg	160	--
3,3'-Dichlorobenzidine	ND		ug/kg	160	--
2,4-Dinitrotoluene	ND		ug/kg	160	--
2,6-Dinitrotoluene	ND		ug/kg	160	--
Fluoranthene	ND		ug/kg	98	--
4-Chlorophenyl phenyl ether	ND		ug/kg	160	--
4-Bromophenyl phenyl ether	ND		ug/kg	160	--
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	--
Bis(2-chloroethoxy)methane	ND		ug/kg	160	--
Hexachlorobutadiene	ND		ug/kg	160	--
Hexachlorocyclopentadiene	ND		ug/kg	460	--
Hexachloroethane	ND		ug/kg	130	--
Isophorone	ND		ug/kg	160	--
Naphthalene	ND		ug/kg	160	--
Nitrobenzene	ND		ug/kg	160	--
NDPA/DPA	ND		ug/kg	130	--
n-Nitrosodi-n-propylamine	ND		ug/kg	160	--
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	--
Butyl benzyl phthalate	ND		ug/kg	160	--
Di-n-butylphthalate	ND		ug/kg	160	--
Di-n-octylphthalate	ND		ug/kg	160	--
Diethyl phthalate	ND		ug/kg	160	--
Dimethyl phthalate	ND		ug/kg	160	--
Benzo(a)anthracene	ND		ug/kg	98	--
Benzo(a)pyrene	ND		ug/kg	130	--
Benzo(b)fluoranthene	ND		ug/kg	98	--
Benzo(k)fluoranthene	ND		ug/kg	98	--
Chrysene	ND		ug/kg	98	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/01/12 09:50
Analyst: JB

Extraction Method: EPA 3540C
Extraction Date: 07/26/12 12:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-07 Batch: WG551041-1					
Acenaphthylene	ND		ug/kg	130	--
Anthracene	ND		ug/kg	98	--
Benzo(ghi)perylene	ND		ug/kg	130	--
Fluorene	ND		ug/kg	160	--
Phenanthrene	ND		ug/kg	98	--
Dibenzo(a,h)anthracene	ND		ug/kg	98	--
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	--
Pyrene	ND		ug/kg	98	--
Biphenyl	ND		ug/kg	360	--
4-Chloroaniline	ND		ug/kg	160	--
2-Nitroaniline	ND		ug/kg	160	--
3-Nitroaniline	ND		ug/kg	160	--
4-Nitroaniline	ND		ug/kg	160	--
Dibenzofuran	ND		ug/kg	160	--
2-Methylnaphthalene	ND		ug/kg	200	--
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	--
Acetophenone	ND		ug/kg	160	--
2,4,6-Trichlorophenol	ND		ug/kg	98	--
p-Chloro-m-cresol	ND		ug/kg	160	--
2-Chlorophenol	ND		ug/kg	160	--
2,4-Dichlorophenol	ND		ug/kg	160	--
2,4-Dimethylphenol	ND		ug/kg	160	--
2-Nitrophenol	ND		ug/kg	360	--
4-Nitrophenol	ND		ug/kg	230	--
2,4-Dinitrophenol	ND		ug/kg	790	--
4,6-Dinitro-o-cresol	ND		ug/kg	430	--
Pentachlorophenol	ND		ug/kg	130	--
Phenol	ND		ug/kg	160	--
2-Methylphenol	ND		ug/kg	160	--
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	--
2,4,5-Trichlorophenol	ND		ug/kg	160	--

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212918
Report Date: 09/19/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 08/01/12 09:50
Analyst: JB

Extraction Method: EPA 3540C
Extraction Date: 07/26/12 12:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-07 Batch: WG551041-1					
Carbazole	ND		ug/kg	160	--
Atrazine	ND		ug/kg	130	--
Benzaldehyde	ND		ug/kg	230	--
Caprolactam	ND		ug/kg	160	--
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	71		0-136
4-Terphenyl-d14	80		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/31/12 19:28
Analyst: RC

Extraction Method: EPA 3540C
Extraction Date: 07/26/12 20:40

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 08-17 Batch: WG551154-1					
Acenaphthene	ND		ug/kg	130	--
Hexachlorobenzene	ND		ug/kg	99	--
Bis(2-chloroethyl)ether	ND		ug/kg	160	--
2-Chloronaphthalene	ND		ug/kg	160	--
3,3'-Dichlorobenzidine	ND		ug/kg	160	--
2,4-Dinitrotoluene	ND		ug/kg	160	--
2,6-Dinitrotoluene	ND		ug/kg	160	--
Fluoranthene	ND		ug/kg	99	--
4-Chlorophenyl phenyl ether	ND		ug/kg	160	--
4-Bromophenyl phenyl ether	ND		ug/kg	160	--
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	--
Bis(2-chloroethoxy)methane	ND		ug/kg	160	--
Hexachlorobutadiene	ND		ug/kg	160	--
Hexachlorocyclopentadiene	ND		ug/kg	460	--
Hexachloroethane	ND		ug/kg	130	--
Isophorone	ND		ug/kg	160	--
Naphthalene	ND		ug/kg	160	--
Nitrobenzene	ND		ug/kg	160	--
NDPA/DPA	ND		ug/kg	130	--
n-Nitrosodi-n-propylamine	ND		ug/kg	160	--
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	--
Butyl benzyl phthalate	ND		ug/kg	160	--
Di-n-butylphthalate	ND		ug/kg	160	--
Di-n-octylphthalate	ND		ug/kg	160	--
Diethyl phthalate	ND		ug/kg	160	--
Dimethyl phthalate	ND		ug/kg	160	--
Benzo(a)anthracene	ND		ug/kg	99	--
Benzo(a)pyrene	ND		ug/kg	130	--
Benzo(b)fluoranthene	ND		ug/kg	99	--
Benzo(k)fluoranthene	ND		ug/kg	99	--
Chrysene	ND		ug/kg	99	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/31/12 19:28
Analyst: RC

Extraction Method: EPA 3540C
Extraction Date: 07/26/12 20:40

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 08-17 Batch: WG551154-1					
Acenaphthylene	ND		ug/kg	130	--
Anthracene	ND		ug/kg	99	--
Benzo(ghi)perylene	ND		ug/kg	130	--
Fluorene	ND		ug/kg	160	--
Phenanthrene	ND		ug/kg	99	--
Dibenzo(a,h)anthracene	ND		ug/kg	99	--
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	--
Pyrene	ND		ug/kg	99	--
Biphenyl	ND		ug/kg	360	--
4-Chloroaniline	ND		ug/kg	160	--
2-Nitroaniline	ND		ug/kg	160	--
3-Nitroaniline	ND		ug/kg	160	--
4-Nitroaniline	ND		ug/kg	160	--
Dibenzofuran	ND		ug/kg	160	--
2-Methylnaphthalene	ND		ug/kg	200	--
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	--
Acetophenone	ND		ug/kg	160	--
2,4,6-Trichlorophenol	ND		ug/kg	99	--
p-Chloro-m-cresol	ND		ug/kg	160	--
2-Chlorophenol	ND		ug/kg	160	--
2,4-Dichlorophenol	ND		ug/kg	160	--
2,4-Dimethylphenol	ND		ug/kg	160	--
2-Nitrophenol	ND		ug/kg	360	--
4-Nitrophenol	ND		ug/kg	230	--
2,4-Dinitrophenol	ND		ug/kg	790	--
4,6-Dinitro-o-cresol	ND		ug/kg	430	--
Pentachlorophenol	ND		ug/kg	130	--
Phenol	ND		ug/kg	160	--
2-Methylphenol	ND		ug/kg	160	--
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	--
2,4,5-Trichlorophenol	ND		ug/kg	160	--

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212918
Report Date: 09/19/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/31/12 19:28
Analyst: RC

Extraction Method: EPA 3540C
Extraction Date: 07/26/12 20:40

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 08-17 Batch: WG551154-1					
Carbazole	ND		ug/kg	160	--
Atrazine	ND		ug/kg	130	--
Benzaldehyde	ND		ug/kg	230	--
Caprolactam	ND		ug/kg	160	--
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	99		25-120
Phenol-d6	97		10-120
Nitrobenzene-d5	100		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	108		0-136
4-Terphenyl-d14	94		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212918

Report Date: 09/19/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 18 Batch: WG550132-2 WG550132-3								
Acenaphthene	78		79		37-111	1		30
Hexachlorobenzene	92		92		40-140	0		30
Bis(2-chloroethyl)ether	58		62		40-140	7		30
2-Chloronaphthalene	76		75		40-140	1		30
3,3'-Dichlorobenzidine	78		81		40-140	4		30
2,4-Dinitrotoluene	91		90		24-96	1		30
2,6-Dinitrotoluene	86		85		40-140	1		30
Fluoranthene	90		91		40-140	1		30
4-Chlorophenyl phenyl ether	84		88		40-140	5		30
4-Bromophenyl phenyl ether	91		92		40-140	1		30
Bis(2-chloroisopropyl)ether	66		68		40-140	3		30
Bis(2-chloroethoxy)methane	70		75		40-140	7		30
Hexachlorobutadiene	61		65		40-140	6		30
Hexachlorocyclopentadiene	42		45		40-140	7		30
Hexachloroethane	60		58		40-140	3		30
Isophorone	74		76		40-140	3		30
Naphthalene	62		66		40-140	6		30
Nitrobenzene	69		68		40-140	1		30
NitrosoDiPhenylAmine(NDPA)/DPA	86		86		40-140	0		30
n-Nitrosodi-n-propylamine	68		73		29-132	7		30
Bis(2-Ethylhexyl)phthalate	94		92		40-140	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212918

Report Date: 09/19/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 18 Batch: WG550132-2 WG550132-3								
Butyl benzyl phthalate	92		94		40-140	2		30
Di-n-butylphthalate	92		92		40-140	0		30
Di-n-octylphthalate	95		94		40-140	1		30
Diethyl phthalate	90		91		40-140	1		30
Dimethyl phthalate	87		89		40-140	2		30
Benzo(a)anthracene	90		90		40-140	0		30
Benzo(a)pyrene	94		90		40-140	4		30
Benzo(b)fluoranthene	93		88		40-140	6		30
Benzo(k)fluoranthene	93		96		40-140	3		30
Chrysene	86		87		40-140	1		30
Acenaphthylene	79		79		45-123	0		30
Anthracene	90		87		40-140	3		30
Benzo(ghi)perylene	88		89		40-140	1		30
Fluorene	83		83		40-140	0		30
Phenanthrene	87		87		40-140	0		30
Dibenzo(a,h)anthracene	90		89		40-140	1		30
Indeno(1,2,3-cd)Pyrene	88		89		40-140	1		30
Pyrene	89		90		26-127	1		30
Biphenyl	66		67			2		30
4-Chloroaniline	56		56		40-140	0		30
2-Nitroaniline	84		84		52-143	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212918

Report Date: 09/19/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 18 Batch: WG550132-2 WG550132-3								
3-Nitroaniline	80		74		25-145	8		30
4-Nitroaniline	84		84		51-143	0		30
Dibenzofuran	83		84		40-140	1		30
2-Methylnaphthalene	69		69		40-140	0		30
1,2,4,5-Tetrachlorobenzene	63		63		2-134	0		30
Acetophenone	66		65		39-129	2		30
2,4,6-Trichlorophenol	79		81		30-130	3		30
P-Chloro-M-Cresol	82		80		23-97	2		30
2-Chlorophenol	62		71		27-123	14		30
2,4-Dichlorophenol	75		75		30-130	0		30
2,4-Dimethylphenol	69		61		30-130	12		30
2-Nitrophenol	73		77		30-130	5		30
4-Nitrophenol	48		46		10-80	4		30
2,4-Dinitrophenol	85		88		20-130	3		30
4,6-Dinitro-o-cresol	87		84		20-164	4		30
Pentachlorophenol	78		75		9-103	4		30
Phenol	33		34		12-110	3		30
2-Methylphenol	62		65		30-130	5		30
3-Methylphenol/4-Methylphenol	65		62		30-130	5		30
2,4,5-Trichlorophenol	82		78		30-130	5		30
Carbazole	89		89		55-144	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212918

Report Date: 09/19/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 18 Batch: WG550132-2 WG550132-3								
Atrazine	89		91		40-140	2		30
Benzaldehyde	56		64		40-140	13		30
Caprolactam	20		21		10-130	5		30
2,3,4,6-Tetrachlorophenol	85		86		40-140	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	47		50		21-120
Phenol-d6	35		37		10-120
Nitrobenzene-d5	79		79		23-120
2-Fluorobiphenyl	76		79		15-120
2,4,6-Tribromophenol	96		100		10-120
4-Terphenyl-d14	91		91		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212918

Report Date: 09/19/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-07 Batch: WG551041-2 WG551041-3								
Acenaphthene	79		86		31-137	8		50
Hexachlorobenzene	76		84		40-140	10		50
Bis(2-chloroethyl)ether	70		76		40-140	8		50
2-Chloronaphthalene	73		85		40-140	15		50
3,3'-Dichlorobenzidine	75		85		40-140	13		50
2,4-Dinitrotoluene	76		84		28-89	10		50
2,6-Dinitrotoluene	72		82		40-140	13		50
Fluoranthene	82		86		40-140	5		50
4-Chlorophenyl phenyl ether	76		85		40-140	11		50
4-Bromophenyl phenyl ether	79		96		40-140	19		50
Bis(2-chloroisopropyl)ether	69		80		40-140	15		50
Bis(2-chloroethoxy)methane	64		73		40-117	13		50
Hexachlorobutadiene	85		90		40-140	6		50
Hexachlorocyclopentadiene	47		56		40-140	17		50
Hexachloroethane	72		78		40-140	8		50
Isophorone	64		74		40-140	14		50
Naphthalene	73		80		40-140	9		50
Nitrobenzene	74		84		40-140	13		50
NitrosoDiPhenylAmine(NDPA)/DPA	78		88		36-157	12		50
n-Nitrosodi-n-propylamine	70		72		32-121	3		50
Bis(2-Ethylhexyl)phthalate	88		98		40-140	11		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212918

Report Date: 09/19/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-07 Batch: WG551041-2 WG551041-3								
Butyl benzyl phthalate	84		88		40-140	5		50
Di-n-butylphthalate	89		95		40-140	7		50
Di-n-octylphthalate	90		98		40-140	9		50
Diethyl phthalate	78		87		40-140	11		50
Dimethyl phthalate	83		89		40-140	7		50
Benzo(a)anthracene	87		94		40-140	8		50
Benzo(a)pyrene	87		93		40-140	7		50
Benzo(b)fluoranthene	88		90		40-140	2		50
Benzo(k)fluoranthene	86		95		40-140	10		50
Chrysene	92		96		40-140	4		50
Acenaphthylene	68		77		40-140	12		50
Anthracene	85		91		40-140	7		50
Benzo(ghi)perylene	100		102		40-140	2		50
Fluorene	76		83		40-140	9		50
Phenanthrene	86		90		40-140	5		50
Dibenzo(a,h)anthracene	98		102		40-140	4		50
Indeno(1,2,3-cd)Pyrene	99		103		40-140	4		50
Pyrene	81		85		35-142	5		50
Biphenyl	77		81		54-104	5		50
4-Chloroaniline	56		65		40-140	15		50
2-Nitroaniline	71		74		47-134	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212918

Report Date: 09/19/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-07 Batch: WG551041-2 WG551041-3								
3-Nitroaniline	62		66		26-129	6		50
4-Nitroaniline	68		80		41-125	16		50
Dibenzofuran	80		89		40-140	11		50
2-Methylnaphthalene	72		81		40-140	12		50
1,2,4,5-Tetrachlorobenzene	78		85		40-117	9		50
Acetophenone	62		69		14-144	11		50
2,4,6-Trichlorophenol	77		90		30-130	16		50
P-Chloro-M-Cresol	77		83		26-103	8		50
2-Chlorophenol	69		80		25-102	15		50
2,4-Dichlorophenol	82		89		30-130	8		50
2,4-Dimethylphenol	53		71		30-130	29		50
2-Nitrophenol	66		74		30-130	11		50
4-Nitrophenol	59		91		11-114	43		50
2,4-Dinitrophenol	64		73		4-130	13		50
4,6-Dinitro-o-cresol	67		83		10-130	21		50
Pentachlorophenol	60		70		17-109	15		50
Phenol	62		72		26-90	15		50
2-Methylphenol	64		79		30-130.	21		50
3-Methylphenol/4-Methylphenol	67		76		30-130	13		50
2,4,5-Trichlorophenol	70		83		30-130	17		50
Carbazole	85		90		54-128	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212918

Report Date: 09/19/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-07 Batch: WG551041-2 WG551041-3								
Atrazine	86		95		40-140	10		50
Benzaldehyde	76		84		40-140	10		50
Caprolactam	61		72		15-130	17		50
2,3,4,6-Tetrachlorophenol	70		83		40-140	17		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	83		93		25-120
Phenol-d6	77		90		10-120
Nitrobenzene-d5	77		85		23-120
2-Fluorobiphenyl	82		88		30-120
2,4,6-Tribromophenol	101		109		0-136
4-Terphenyl-d14	92		94		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212918

Report Date: 09/19/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 08-17 Batch: WG551154-2 WG551154-3								
Acenaphthene	85		83		31-137	2		50
Hexachlorobenzene	83		78		40-140	6		50
Bis(2-chloroethyl)ether	83		78		40-140	6		50
2-Chloronaphthalene	86		82		40-140	5		50
3,3'-Dichlorobenzidine	71		82		40-140	14		50
2,4-Dinitrotoluene	**97**	Q	**96**	Q	28-89	1		50
2,6-Dinitrotoluene	94		89		40-140	5		50
Fluoranthene	91		88		40-140	3		50
4-Chlorophenyl phenyl ether	82		78		40-140	5		50
4-Bromophenyl phenyl ether	82		78		40-140	5		50
Bis(2-chloroisopropyl)ether	110		100		40-140	10		50
Bis(2-chloroethoxy)methane	84		76		40-117	10		50
Hexachlorobutadiene	93		88		40-140	6		50
Hexachlorocyclopentadiene	51		44		40-140	15		50
Hexachloroethane	94		88		40-140	7		50
Isophorone	82		78		40-140	5		50
Naphthalene	84		80		40-140	5		50
Nitrobenzene	94		89		40-140	5		50
NitrosoDiPhenylAmine(NDPA)/DPA	87		83		36-157	5		50
n-Nitrosodi-n-propylamine	90		85		32-121	6		50
Bis(2-Ethylhexyl)phthalate	125		115		40-140	8		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212918

Report Date: 09/19/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 08-17 Batch: WG551154-2 WG551154-3								
Butyl benzyl phthalate	109		106		40-140	3		50
Di-n-butylphthalate	112		109		40-140	3		50
Di-n-octylphthalate	126		120		40-140	5		50
Diethyl phthalate	98		96		40-140	2		50
Dimethyl phthalate	93		89		40-140	4		50
Benzo(a)anthracene	95		90		40-140	5		50
Benzo(a)pyrene	93		93		40-140	0		50
Benzo(b)fluoranthene	93		87		40-140	7		50
Benzo(k)fluoranthene	100		94		40-140	6		50
Chrysene	90		87		40-140	3		50
Acenaphthylene	85		84		40-140	1		50
Anthracene	95		92		40-140	3		50
Benzo(ghi)perylene	99		91		40-140	8		50
Fluorene	87		85		40-140	2		50
Phenanthrene	92		92		40-140	0		50
Dibenzo(a,h)anthracene	100		91		40-140	9		50
Indeno(1,2,3-cd)Pyrene	100		93		40-140	7		50
Pyrene	90		88		35-142	2		50
Biphenyl	88		83		54-104	6		50
4-Chloroaniline	76		93		40-140	20		50
2-Nitroaniline	92		90		47-134	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212918

Report Date: 09/19/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 08-17 Batch: WG551154-2 WG551154-3								
3-Nitroaniline	61		77		26-129	23		50
4-Nitroaniline	79		80		41-125	1		50
Dibenzofuran	88		85		40-140	3		50
2-Methylnaphthalene	84		80		40-140	5		50
1,2,4,5-Tetrachlorobenzene	89		81		40-117	9		50
Acetophenone	86		80		14-144	7		50
2,4,6-Trichlorophenol	97		94		30-130	3		50
P-Chloro-M-Cresol	102		97		26-103	5		50
2-Chlorophenol	90		82		25-102	9		50
2,4-Dichlorophenol	93		89		30-130	4		50
2,4-Dimethylphenol	95		89		30-130	7		50
2-Nitrophenol	88		82		30-130	7		50
4-Nitrophenol	102		101		11-114	1		50
2,4-Dinitrophenol	90		91		4-130	1		50
4,6-Dinitro-o-cresol	80		79		10-130	1		50
Pentachlorophenol	82		75		17-109	9		50
Phenol	88		82		26-90	7		50
2-Methylphenol	86		81		30-130.	6		50
3-Methylphenol/4-Methylphenol	87		81		30-130	7		50
2,4,5-Trichlorophenol	91		91		30-130	0		50
Carbazole	93		92		54-128	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212918

Report Date: 09/19/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 08-17 Batch: WG551154-2 WG551154-3								
Atrazine	116		115		40-140	1		50
Benzaldehyde	97		97		40-140	0		50
Caprolactam	109		109		15-130	0		50
2,3,4,6-Tetrachlorophenol	92		87		40-140	6		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	103		93		25-120
Phenol-d6	99		90		10-120
Nitrobenzene-d5	102		93		23-120
2-Fluorobiphenyl	88		82		30-120
2,4,6-Tribromophenol	120		114		0-136
4-Terphenyl-d14	101		94		18-120

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212918
Report Date: 09/19/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-07 QC Batch ID: WG551041-4 WG551041-5 QC Sample: L1212869-03 Client ID: MS Sample												
Acenaphthene	ND	1420	1000	70		1100	77		31-137	10		50
Hexachlorobenzene	ND	1420	1000	70		1200	84		40-140	18		50
Bis(2-chloroethyl)ether	ND	1420	870	61		1000	70		40-140	14		50
2-Chloronaphthalene	ND	1420	1000	70		1100	77		40-140	10		50
3,3'-Dichlorobenzidine	ND	1420	680	48		800	56		40-140	16		50
2,4-Dinitrotoluene	ND	1420	1100	77		1200	84		28-89	9		50
2,6-Dinitrotoluene	ND	1420	1100	77		1200	84		40-140	9		50
Fluoranthene	ND	1420	1100	77		1200	84		40-140	9		50
4-Chlorophenyl phenyl ether	ND	1420	1100	77		1200	84		40-140	9		50
4-Bromophenyl phenyl ether	ND	1420	1100	77		1300	91		40-140	17		50
Bis(2-chloroisopropyl)ether	ND	1420	900	63		1000	70		40-140	11		50
Bis(2-chloroethoxy)methane	ND	1420	920	65		1000	70		40-117	8		50
Hexachlorobutadiene	ND	1420	900	63		1100	77		40-140	20		50
Hexachlorocyclopentadiene	ND	1420	ND	**0**	Q	510	**36**	Q	40-140	NC		50
Hexachloroethane	ND	1420	810	57		1000	70		40-140	21		50
Isophorone	ND	1420	960	68		1000	70		40-140	4		50
Naphthalene	ND	1420	900	63		1000	70		40-140	11		50
Nitrobenzene	ND	1420	920	65		1000	70		40-140	8		50
NitrosoDiPhenylAmine(NDPA)/DPA	ND	1420	1100	77		1200	84		36-157	9		50
n-Nitrosodi-n-propylamine	ND	1420	880	62		1000	70		32-121	13		50
Bis(2-Ethylhexyl)phthalate	ND	1420	1100	77		1200	84		40-140	9		50

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212918
Report Date: 09/19/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-07 QC Batch ID: WG551041-4 WG551041-5 QC Sample: L1212869-03 Client ID: MS Sample												
Butyl benzyl phthalate	ND	1420	1100	77		1300	91		40-140	17		50
Di-n-butylphthalate	ND	1420	1100	77		1200	84		40-140	9		50
Di-n-octylphthalate	ND	1420	1100	77		1300	91		40-140	17		50
Diethyl phthalate	ND	1420	1100	77		1200	84		40-140	9		50
Dimethyl phthalate	ND	1420	1100	77		1200	84		40-140	9		50
Benzo(a)anthracene	ND	1420	1000	70		1200	84		40-140	18		50
Benzo(a)pyrene	ND	1420	1000	70		1100	77		40-140	10		50
Benzo(b)fluoranthene	ND	1420	1000	70		1200	84		40-140	18		50
Benzo(k)fluoranthene	ND	1420	1100	77		1200	84		40-140	9		50
Chrysene	ND	1420	1000	70		1200	84		40-140	18		50
Acenaphthylene	ND	1420	990	70		1100	77		40-140	11		50
Anthracene	ND	1420	970	68		1100	77		40-140	13		50
Benzo(ghi)perylene	ND	1420	1100	77		1200	84		40-140	9		50
Fluorene	ND	1420	1000	70		1200	84		40-140	18		50
Phenanthrene	ND	1420	1000	70		1100	77		40-140	10		50
Dibenzo(a,h)anthracene	ND	1420	1100	77		1200	84		40-140	9		50
Indeno(1,2,3-cd)Pyrene	ND	1420	1100	77		1300	91		40-140	17		50
Pyrene	ND	1420	1000	70		1200	84		35-142	18		50
Biphenyl	ND	1420	900	63		1000	70		54-104	11		50
4-Chloroaniline	ND	1420	860	61		890	62		40-140	3		50
2-Nitroaniline	ND	1420	1100	77		1200	84		47-134	9		50

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212918
Report Date: 09/19/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-07 QC Batch ID: WG551041-4 WG551041-5 QC Sample: L1212869-03 Client ID: MS Sample												
3-Nitroaniline	ND	1420	960	68		1000	70		26-129	4		50
4-Nitroaniline	ND	1420	1100	77		1200	84		41-125	9		50
Dibenzofuran	ND	1420	1100	77		1200	84		40-140	9		50
2-Methylnaphthalene	ND	1420	980	69		1100	77		40-140	12		50
1,2,4,5-Tetrachlorobenzene	ND	1420	860	61		1000	70		40-117	15		50
Acetophenone	ND	1420	870	61		940	66		14-144	8		50
2,4,6-Trichlorophenol	ND	1420	1100	77		1300	91		30-130	17		50
P-Chloro-M-Cresol	ND	1420	1100	77		1200	84		26-103	9		50
2-Chlorophenol	ND	1420	1000	70		1100	77		25-102	10		50
2,4-Dichlorophenol	ND	1420	1100	77		1300	91		30-130	17		50
2,4-Dimethylphenol	ND	1420	760	53		880	61		30-130	15		50
2-Nitrophenol	ND	1420	990	70		1100	77		30-130	11		50
4-Nitrophenol	ND	1420	1400	98		1400	98		11-114	0		50
2,4-Dinitrophenol	ND	1420	ND	**0**	Q	880	61		4-130	NC		50
4,6-Dinitro-o-cresol	ND	1420	990	70		1000	70		10-130	1		50
Pentachlorophenol	ND	1420	650	46		750	52		17-109	14		50
Phenol	ND	1420	1000	70		1100	77		26-90	10		50
2-Methylphenol	ND	1420	950	67		1000	70		30-130.	5		50
3-Methylphenol/4-Methylphenol	ND	1420	1000	70		1100	77		30-130	10		50
2,4,5-Trichlorophenol	ND	1420	1100	77		1300	91		30-130	17		50
Carbazole	ND	1420	1100	77		1200	84		54-128	9		50

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212918
Report Date: 09/19/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-07 QC Batch ID: WG551041-4 WG551041-5 QC Sample: L1212869-03 Client ID: MS Sample												
Atrazine	ND	1420	1000	70		1100	77		40-140	10		50
Benzaldehyde	ND	1420	980	69		1100	77		40-140	12		50
Caprolactam	ND	1420	940	66		1200	84		15-130	24		50
2,3,4,6-Tetrachlorophenol	ND	1420	970	68		1200	84		40-140	21		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	71		83		0-136
2-Fluorobiphenyl	72		77		30-120
2-Fluorophenol	75		83		25-120
4-Terphenyl-d14	71		81		18-120
Nitrobenzene-d5	64		73		23-120
Phenol-d6	77		88		10-120

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212918
Report Date: 09/19/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 08-17 QC Batch ID: WG551154-4 WG551154-5 QC Sample: L1213000-07 Client ID: MS Sample												
Acenaphthene	ND	1460	1200	82		1200	82		31-137	0		50
Hexachlorobenzene	ND	1460	1100	75		1100	75		40-140	0		50
Bis(2-chloroethyl)ether	ND	1460	1200	82		1200	82		40-140	0		50
2-Chloronaphthalene	ND	1460	1200	82		1200	82		40-140	0		50
3,3'-Dichlorobenzidine	ND	1460	970	66		940	64		40-140	3		50
2,4-Dinitrotoluene	ND	1460	1300	89		1300	88		28-89	0		50
2,6-Dinitrotoluene	ND	1460	1200	82		1300	88		40-140	8		50
Fluoranthene	ND	1460	1200	82		1300	88		40-140	8		50
4-Chlorophenyl phenyl ether	ND	1460	1100	75		1100	75		40-140	0		50
4-Bromophenyl phenyl ether	ND	1460	1100	75		1100	75		40-140	0		50
Bis(2-chloroisopropyl)ether	ND	1460	1600	110		1500	100		40-140	6		50
Bis(2-chloroethoxy)methane	ND	1460	1100	75		1100	75		40-117	0		50
Hexachlorobutadiene	ND	1460	1300	89		1300	88		40-140	0		50
Hexachlorocyclopentadiene	ND	1460	ND	**0**	Q	570	**39**	Q	40-140	NC		50
Hexachloroethane	ND	1460	1300	89		1300	88		40-140	0		50
Isophorone	ND	1460	1200	82		1200	82		40-140	0		50
Naphthalene	ND	1460	1200	82		1200	82		40-140	0		50
Nitrobenzene	ND	1460	1400	96		1300	88		40-140	7		50
NitrosoDiPhenylAmine(NDPA)/DPA	ND	1460	1200	82		1200	82		36-157	0		50
n-Nitrosodi-n-propylamine	ND	1460	1300	89		1200	82		32-121	8		50
Bis(2-Ethylhexyl)phthalate	ND	1460	1900	130		1700	120		40-140	11		50

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212918
Report Date: 09/19/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 08-17 QC Batch ID: WG551154-4 WG551154-5 QC Sample: L1213000-07 Client ID: MS Sample												
Butyl benzyl phthalate	ND	1460	1400	96		1500	100		40-140	7		50
Di-n-butylphthalate	ND	1460	1500	100		1500	100		40-140	0		50
Di-n-octylphthalate	ND	1460	1700	120		1700	120		40-140	0		50
Diethyl phthalate	ND	1460	1400	96		1400	95		40-140	0		50
Dimethyl phthalate	ND	1460	1300	89		1300	88		40-140	0		50
Benzo(a)anthracene	ND	1460	1300	89		1300	88		40-140	0		50
Benzo(a)pyrene	ND	1460	1200	82		1300	88		40-140	8		50
Benzo(b)fluoranthene	ND	1460	1300	89		1300	88		40-140	0		50
Benzo(k)fluoranthene	ND	1460	1300	89		1300	88		40-140	0		50
Chrysene	ND	1460	1200	82		1200	82		40-140	0		50
Acenaphthylene	ND	1460	1100	75		1100	75		40-140	0		50
Anthracene	ND	1460	1300	89		1300	88		40-140	0		50
Benzo(ghi)perylene	ND	1460	1200	82		1300	88		40-140	8		50
Fluorene	ND	1460	1200	82		1200	82		40-140	0		50
Phenanthrene	ND	1460	1200	82		1300	88		40-140	8		50
Dibenzo(a,h)anthracene	ND	1460	1300	89		1300	88		40-140	0		50
Indeno(1,2,3-cd)Pyrene	ND	1460	1300	89		1300	88		40-140	0		50
Pyrene	ND	1460	1200	82		1200	82		35-142	0		50
Biphenyl	ND	1460	1200	82		1200	82		54-104	0		50
4-Chloroaniline	ND	1460	950	65		910	62		40-140	4		50
2-Nitroaniline	ND	1460	1200	82		1300	88		47-134	8		50

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212918
Report Date: 09/19/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 08-17 QC Batch ID: WG551154-4 WG551154-5 QC Sample: L1213000-07 Client ID: MS Sample												
3-Nitroaniline	ND	1460	920	63		920	63		26-129	0		50
4-Nitroaniline	ND	1460	1100	75		1100	75		41-125	0		50
Dibenzofuran	ND	1460	1200	82		1200	82		40-140	0		50
2-Methylnaphthalene	ND	1460	1200	82		1200	82		40-140	0		50
1,2,4,5-Tetrachlorobenzene	ND	1460	1200	82		1200	82		40-117	0		50
Acetophenone	ND	1460	1200	82		1200	82		14-144	0		50
2,4,6-Trichlorophenol	ND	1460	1300	89		1300	88		30-130	0		50
P-Chloro-M-Cresol	ND	1460	1400	96		1400	95		26-103	0		50
2-Chlorophenol	ND	1460	1200	82		1200	82		25-102	0		50
2,4-Dichlorophenol	ND	1460	1300	89		1300	88		30-130	0		50
2,4-Dimethylphenol	ND	1460	1300	89		1300	88		30-130	0		50
2-Nitrophenol	ND	1460	1200	82		1200	82		30-130	0		50
4-Nitrophenol	ND	1460	1200	82		1500	100		11-114	22		50
2,4-Dinitrophenol	ND	1460	1200	82		1200	82		4-130	0		50
4,6-Dinitro-o-cresol	ND	1460	1100	75		1100	75		10-130	0		50
Pentachlorophenol	ND	1460	1000	68		1200	82		17-109	18		50
Phenol	ND	1460	1200	82		1200	82		26-90	0		50
2-Methylphenol	ND	1460	1200	82		1200	82		30-130.	0		50
3-Methylphenol/4-Methylphenol	ND	1460	1200	82		1200	82		30-130	0		50
2,4,5-Trichlorophenol	ND	1460	1300	89		1300	88		30-130	0		50
Carbazole	ND	1460	1200	82		1300	88		54-128	8		50

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212918
Report Date: 09/19/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 08-17 QC Batch ID: WG551154-4 WG551154-5 QC Sample: L1213000-07 Client ID: MS Sample												
Atrazine	ND	1460	1500	100		1600	110		40-140	6		50
Benzaldehyde	ND	1460	1400	96		1400	95		40-140	0		50
Caprolactam	ND	1460	1500	100		1500	100		15-130	0		50
2,3,4,6-Tetrachlorophenol	ND	1460	1200	82		1200	82		40-140	0		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	101		108		0-136
2-Fluorobiphenyl	81		82		30-120
2-Fluorophenol	94		95		25-120
4-Terphenyl-d14	85		92		18-120
Nitrobenzene-d5	94		93		23-120
Phenol-d6	89		90		10-120

PCBS

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-02	Date Collected:	07/14/12 14:10
Client ID:	S-12L-B007-0.5-1.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/27/12 17:22
Analytical Date:	07/29/12 22:20	Cleanup Method1:	EPA 3665A
Analyst:	SS	Cleanup Date1:	07/29/12
Percent Solids:	51%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/29/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	37.6	--	1
Aroclor 1221	ND		ug/kg	37.6	--	1
Aroclor 1232	ND		ug/kg	37.6	--	1
Aroclor 1248	ND		ug/kg	25.1	--	1
Aroclor 1254	87.8		ug/kg	37.6	--	1
Aroclor 1260	ND		ug/kg	25.1	--	1
Aroclor 1262	ND		ug/kg	12.6	--	1
Aroclor 1268	ND		ug/kg	12.6	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	32		30-150
Decachlorobiphenyl	**29**	Q	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-02	Date Collected:	07/14/12 14:10
Client ID:	S-12L-B007-0.5-1.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/27/12 17:22
Analytical Date:	07/29/12 22:20	Cleanup Method1:	EPA 3665A
Analyst:	SS	Cleanup Date1:	07/29/12
Percent Solids:	51%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/29/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	234		ug/kg	37.6	--	1

2,4,5,6-Tetrachloro-m-xylene	32		30-150
Decachlorobiphenyl	**29**	Q	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-02 RE/D	Date Collected:	07/14/12 14:10
Client ID:	S-12L-B007-0.5-1.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/30/12 16:07
Analytical Date:	08/02/12 09:35	Cleanup Method1:	EPA 3665A
Analyst:	SS	Cleanup Date1:	07/31/12
Percent Solids:	51%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/31/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	184	--	5
Aroclor 1221	ND		ug/kg	184	--	5
Aroclor 1232	ND		ug/kg	184	--	5
Aroclor 1248	ND		ug/kg	122	--	5
Aroclor 1254	1100		ug/kg	184	--	5
Aroclor 1260	ND		ug/kg	122	--	5
Aroclor 1262	ND		ug/kg	61.3	--	5
Aroclor 1268	ND		ug/kg	61.3	--	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	48		30-150
Decachlorobiphenyl	44		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-02 RE/D	Date Collected:	07/14/12 14:10
Client ID:	S-12L-B007-0.5-1.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/30/12 16:07
Analytical Date:	08/02/12 09:35	Cleanup Method1:	EPA 3665A
Analyst:	SS	Cleanup Date1:	07/31/12
Percent Solids:	51%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/31/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	2260		ug/kg	184	--	5

2,4,5,6-Tetrachloro-m-xylene	48	30-150
Decachlorobiphenyl	44	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-03 D	Date Collected:	07/14/12 14:10
Client ID:	S-12L-B007-1.5-2.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/28/12 06:38
Analytical Date:	08/01/12 17:27	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/29/12
Percent Solids:	12%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/29/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	328	--	2
Aroclor 1221	ND		ug/kg	328	--	2
Aroclor 1232	ND		ug/kg	328	--	2
Aroclor 1242	5220		ug/kg	328	--	2
Aroclor 1248	ND		ug/kg	218	--	2
Aroclor 1254	2630		ug/kg	328	--	2
Aroclor 1260	ND		ug/kg	218	--	2
Aroclor 1262	ND		ug/kg	109	--	2
Aroclor 1268	ND		ug/kg	109	--	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	40		30-150
Decachlorobiphenyl	33		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-04	Date Collected:	07/14/12 14:10
Client ID:	S-12L-B007-2.5-3.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/27/12 17:22
Analytical Date:	07/29/12 22:07	Cleanup Method1:	EPA 3665A
Analyst:	SS	Cleanup Date1:	07/29/12
Percent Solids:	12%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/29/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	164	--	1
Aroclor 1221	ND		ug/kg	164	--	1
Aroclor 1232	ND		ug/kg	164	--	1
Aroclor 1242	ND		ug/kg	164	--	1
Aroclor 1248	ND		ug/kg	109	--	1
Aroclor 1254	ND		ug/kg	164	--	1
Aroclor 1260	ND		ug/kg	109	--	1
Aroclor 1262	ND		ug/kg	54.6	--	1
Aroclor 1268	ND		ug/kg	54.6	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	63		30-150
Decachlorobiphenyl	57		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-05	Date Collected:	07/14/12 14:10
Client ID:	S-12L-B007-2.5-3.0REP	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/27/12 17:22
Analytical Date:	07/29/12 21:54	Cleanup Method1:	EPA 3665A
Analyst:	SS	Cleanup Date1:	07/29/12
Percent Solids:	17%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/29/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	113	--	1
Aroclor 1221	ND		ug/kg	113	--	1
Aroclor 1232	ND		ug/kg	113	--	1
Aroclor 1242	688		ug/kg	113	--	1
Aroclor 1248	ND		ug/kg	75.5	--	1
Aroclor 1254	122		ug/kg	113	--	1
Aroclor 1260	ND		ug/kg	75.5	--	1
Aroclor 1262	ND		ug/kg	37.8	--	1
Aroclor 1268	ND		ug/kg	37.8	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	56		30-150
Decachlorobiphenyl	50		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-06	Date Collected:	07/14/12 14:30
Client ID:	S-12L-B007-5.0-5.5	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/27/12 17:22
Analytical Date:	07/29/12 21:41	Cleanup Method1:	EPA 3665A
Analyst:	SS	Cleanup Date1:	07/29/12
Percent Solids:	95%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/29/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	20.6	--	1
Aroclor 1221	ND		ug/kg	20.6	--	1
Aroclor 1232	ND		ug/kg	20.6	--	1
Aroclor 1242	ND		ug/kg	20.6	--	1
Aroclor 1248	ND		ug/kg	13.7	--	1
Aroclor 1254	ND		ug/kg	20.6	--	1
Aroclor 1260	ND		ug/kg	13.7	--	1
Aroclor 1262	ND		ug/kg	6.86	--	1
Aroclor 1268	ND		ug/kg	6.86	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	64		30-150
Decachlorobiphenyl	65		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-07	Date Collected:	07/14/12 14:45
Client ID:	S-12L-B007-10.0-10.5	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/27/12 17:22
Analytical Date:	07/29/12 21:28	Cleanup Method1:	EPA 3665A
Analyst:	SS	Cleanup Date1:	07/29/12
Percent Solids:	89%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/29/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	21.7	--	1
Aroclor 1221	ND		ug/kg	21.7	--	1
Aroclor 1232	ND		ug/kg	21.7	--	1
Aroclor 1248	ND		ug/kg	14.4	--	1
Aroclor 1254	32.4		ug/kg	21.7	--	1
Aroclor 1260	ND		ug/kg	14.4	--	1
Aroclor 1262	ND		ug/kg	7.22	--	1
Aroclor 1268	ND		ug/kg	7.22	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	87		30-150
Decachlorobiphenyl	86		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-07	Date Collected:	07/14/12 14:45
Client ID:	S-12L-B007-10.0-10.5	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/27/12 17:22
Analytical Date:	07/29/12 21:28	Cleanup Method1:	EPA 3665A
Analyst:	SS	Cleanup Date1:	07/29/12
Percent Solids:	89%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/29/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	77.7	P	ug/kg	21.7	--	1

2,4,5,6-Tetrachloro-m-xylene	87	30-150
Decachlorobiphenyl	86	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-08	Date Collected:	07/14/12 15:00
Client ID:	S-12L-B007-14.5-15.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 10:36
Analytical Date:	07/27/12 09:30	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/27/12
Percent Solids:	94%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/27/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	20.8	--	1
Aroclor 1221	ND		ug/kg	20.8	--	1
Aroclor 1232	ND		ug/kg	20.8	--	1
Aroclor 1248	ND		ug/kg	13.8	--	1
Aroclor 1260	ND		ug/kg	13.8	--	1
Aroclor 1262	ND		ug/kg	6.92	--	1
Aroclor 1268	ND		ug/kg	6.92	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	61		30-150
Decachlorobiphenyl	53		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-08	Date Collected:	07/14/12 15:00
Client ID:	S-12L-B007-14.5-15.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 10:36
Analytical Date:	07/27/12 09:30	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/27/12
Percent Solids:	94%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/27/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	25.3		ug/kg	20.8	--	1
Aroclor 1254	ND		ug/kg	20.8	--	1

2,4,5,6-Tetrachloro-m-xylene	61	30-150
Decachlorobiphenyl	53	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-09	Date Collected:	07/14/12 15:00
Client ID:	S-12L-B007-15.5-16.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 10:36
Analytical Date:	07/27/12 09:43	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/27/12
Percent Solids:	91%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/27/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	21.4	--	1
Aroclor 1221	ND		ug/kg	21.4	--	1
Aroclor 1232	ND		ug/kg	21.4	--	1
Aroclor 1242	25.7		ug/kg	21.4	--	1
Aroclor 1248	ND		ug/kg	14.3	--	1
Aroclor 1254	ND		ug/kg	21.4	--	1
Aroclor 1262	ND		ug/kg	7.13	--	1
Aroclor 1268	ND		ug/kg	7.13	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	71		30-150
Decachlorobiphenyl	63		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-09	Date Collected:	07/14/12 15:00
Client ID:	S-12L-B007-15.5-16.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 10:36
Analytical Date:	07/27/12 09:43	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/27/12
Percent Solids:	91%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/27/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1260	153		ug/kg	14.3	--	1

2,4,5,6-Tetrachloro-m-xylene	71	30-150
Decachlorobiphenyl	63	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-10	Date Collected:	07/14/12 15:20
Client ID:	S-12L-B007-19.5-20.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 10:36
Analytical Date:	07/27/12 09:56	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/27/12
Percent Solids:	85%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/27/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	22.3	--	1
Aroclor 1221	ND		ug/kg	22.3	--	1
Aroclor 1232	ND		ug/kg	22.3	--	1
Aroclor 1242	ND		ug/kg	22.3	--	1
Aroclor 1248	ND		ug/kg	14.8	--	1
Aroclor 1254	ND		ug/kg	22.3	--	1
Aroclor 1260	ND		ug/kg	14.8	--	1
Aroclor 1262	ND		ug/kg	7.42	--	1
Aroclor 1268	ND		ug/kg	7.42	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	67		30-150
Decachlorobiphenyl	58		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-11	Date Collected:	07/14/12 15:20
Client ID:	S-12L-B007-20.5-21.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 10:36
Analytical Date:	07/27/12 10:10	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/27/12
Percent Solids:	93%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/27/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	20.9	--	1
Aroclor 1221	ND		ug/kg	20.9	--	1
Aroclor 1232	ND		ug/kg	20.9	--	1
Aroclor 1242	41.7		ug/kg	20.9	--	1
Aroclor 1248	ND		ug/kg	13.9	--	1
Aroclor 1254	ND		ug/kg	20.9	--	1
Aroclor 1260	ND		ug/kg	13.9	--	1
Aroclor 1262	ND		ug/kg	6.97	--	1
Aroclor 1268	ND		ug/kg	6.97	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	61		30-150
Decachlorobiphenyl	55		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-12	Date Collected:	07/14/12 16:05
Client ID:	S-12L-B007-30.0-30.5	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 10:36
Analytical Date:	07/27/12 10:23	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/27/12
Percent Solids:	98%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/27/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	20.0	--	1
Aroclor 1221	ND		ug/kg	20.0	--	1
Aroclor 1232	ND		ug/kg	20.0	--	1
Aroclor 1248	ND		ug/kg	13.3	--	1
Aroclor 1254	ND		ug/kg	20.0	--	1
Aroclor 1260	ND		ug/kg	13.3	--	1
Aroclor 1262	ND		ug/kg	6.66	--	1
Aroclor 1268	ND		ug/kg	6.66	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	59		30-150
Decachlorobiphenyl	56		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-12	Date Collected:	07/14/12 16:05
Client ID:	S-12L-B007-30.0-30.5	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 10:36
Analytical Date:	07/27/12 10:23	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/27/12
Percent Solids:	98%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/27/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	ND		ug/kg	20.0	--	1

2,4,5,6-Tetrachloro-m-xylene	59	30-150
Decachlorobiphenyl	56	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-13	Date Collected:	07/14/12 16:05
Client ID:	S-12L-B007-32.5-33.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 10:36
Analytical Date:	07/27/12 10:36	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/27/12
Percent Solids:	93%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/27/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	20.4	--	1
Aroclor 1221	ND		ug/kg	20.4	--	1
Aroclor 1232	ND		ug/kg	20.4	--	1
Aroclor 1242	22.2		ug/kg	20.4	--	1
Aroclor 1248	ND		ug/kg	13.6	--	1
Aroclor 1254	ND		ug/kg	20.4	--	1
Aroclor 1260	ND		ug/kg	13.6	--	1
Aroclor 1262	ND		ug/kg	6.78	--	1
Aroclor 1268	ND		ug/kg	6.78	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	68		30-150
Decachlorobiphenyl	61		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-14	Date Collected:	07/14/12 16:20
Client ID:	S-12L-B007-34.5-35.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 10:36
Analytical Date:	07/27/12 10:49	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/27/12
Percent Solids:	92%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/27/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	21.0	--	1
Aroclor 1221	ND		ug/kg	21.0	--	1
Aroclor 1232	ND		ug/kg	21.0	--	1
Aroclor 1242	ND		ug/kg	21.0	--	1
Aroclor 1248	ND		ug/kg	14.0	--	1
Aroclor 1260	ND		ug/kg	14.0	--	1
Aroclor 1262	ND		ug/kg	7.00	--	1
Aroclor 1268	ND		ug/kg	7.00	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	65		30-150
Decachlorobiphenyl	58		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-14	Date Collected:	07/14/12 16:20
Client ID:	S-12L-B007-34.5-35.0	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 10:36
Analytical Date:	07/27/12 10:49	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/27/12
Percent Solids:	92%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/27/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1254	37.0		ug/kg	21.0	--	1

2,4,5,6-Tetrachloro-m-xylene	65	30-150
Decachlorobiphenyl	58	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-15 D	Date Collected:	07/18/12 07:55
Client ID:	S-12L-B012-1.0-1.5	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 10:36
Analytical Date:	08/02/12 10:59	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/27/12
Percent Solids:	46%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/27/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	209	--	5
Aroclor 1221	ND		ug/kg	209	--	5
Aroclor 1232	ND		ug/kg	209	--	5
Aroclor 1248	ND		ug/kg	140	--	5
Aroclor 1260	ND		ug/kg	140	--	5
Aroclor 1262	ND		ug/kg	69.8	--	5
Aroclor 1268	ND		ug/kg	69.8	--	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	61		30-150
Decachlorobiphenyl	51		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-15 D	Date Collected:	07/18/12 07:55
Client ID:	S-12L-B012-1.0-1.5	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 10:36
Analytical Date:	08/02/12 10:59	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/27/12
Percent Solids:	46%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/27/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	1840		ug/kg	209	--	5
Aroclor 1254	406		ug/kg	209	--	5

2,4,5,6-Tetrachloro-m-xylene	61	30-150
Decachlorobiphenyl	51	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-16 RE	Date Collected:	07/18/12 07:55
Client ID:	S-12L-B012-1.0-1.5 REP	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	08/02/12 11:15
Analytical Date:	08/03/12 11:52	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	08/02/12
Percent Solids:	48%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	08/02/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	121	--	3
Aroclor 1221	ND		ug/kg	121	--	3
Aroclor 1232	ND		ug/kg	121	--	3
Aroclor 1242	438		ug/kg	121	--	3
Aroclor 1248	ND		ug/kg	80.5	--	3
Aroclor 1254	ND		ug/kg	121	--	3
Aroclor 1260	ND		ug/kg	80.5	--	3
Aroclor 1262	ND		ug/kg	40.2	--	3
Aroclor 1268	ND		ug/kg	40.2	--	3

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	71		30-150
Decachlorobiphenyl	56		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-16 D	Date Collected:	07/18/12 07:55
Client ID:	S-12L-B012-1.0-1.5 REP	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	07/26/12 10:36
Analytical Date:	08/06/12 11:05	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/27/12
Percent Solids:	48%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/27/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	203	--	5
Aroclor 1221	ND		ug/kg	203	--	5
Aroclor 1232	ND		ug/kg	203	--	5
Aroclor 1242	ND		ug/kg	203	--	5
Aroclor 1248	ND		ug/kg	135	--	5
Aroclor 1254	3590		ug/kg	203	--	5
Aroclor 1260	ND		ug/kg	135	--	5
Aroclor 1262	ND		ug/kg	67.7	--	5
Aroclor 1268	ND		ug/kg	67.7	--	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	45		30-150
Decachlorobiphenyl	**25**	Q	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-17	Date Collected:	07/18/12 07:55
Client ID:	S-12L-B012-2.0-2.5	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 10:36
Analytical Date:	07/27/12 11:28	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/27/12
Percent Solids:	43%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/27/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	45.0	--	1
Aroclor 1221	ND		ug/kg	45.0	--	1
Aroclor 1232	ND		ug/kg	45.0	--	1
Aroclor 1242	129		ug/kg	45.0	--	1
Aroclor 1248	ND		ug/kg	30.0	--	1
Aroclor 1254	ND		ug/kg	45.0	--	1
Aroclor 1260	ND		ug/kg	30.0	--	1
Aroclor 1262	ND		ug/kg	15.0	--	1
Aroclor 1268	ND		ug/kg	15.0	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	40		30-150
Decachlorobiphenyl	33		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

SAMPLE RESULTS

Lab ID:	L1212918-18	Date Collected:	07/19/12 16:00
Client ID:	EB-071912-01	Date Received:	07/19/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8082	Extraction Date:	07/23/12 08:18
Analytical Date:	07/25/12 02:30	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	07/23/12
		Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/23/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/l	0.250	--	1
Aroclor 1221	ND		ug/l	0.250	--	1
Aroclor 1232	ND		ug/l	0.250	--	1
Aroclor 1242	ND		ug/l	0.250	--	1
Aroclor 1248	ND		ug/l	0.250	--	1
Aroclor 1254	ND		ug/l	0.250	--	1
Aroclor 1260	ND		ug/l	0.250	--	1
Aroclor 1262	ND		ug/l	0.250	--	1
Aroclor 1268	ND		ug/l	0.250	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	82		30-150
Decachlorobiphenyl	72		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082
Analytical Date: 07/25/12 02:43
Analyst: KB

Extraction Method: EPA 3510C
Extraction Date: 07/23/12 08:18
Cleanup Method1: EPA 3665A
Cleanup Date1: 07/23/12
Cleanup Method2: EPA 3660B
Cleanup Date2: 07/23/12

Parameter	Result	Qualifier	Units	RL	MDL
PCB by GC - Westborough Lab for sample(s): 18 Batch: WG550130-1					
Aroclor 1016	ND		ug/l	0.250	--
Aroclor 1221	ND		ug/l	0.250	--
Aroclor 1232	ND		ug/l	0.250	--
Aroclor 1242	ND		ug/l	0.250	--
Aroclor 1248	ND		ug/l	0.250	--
Aroclor 1254	ND		ug/l	0.250	--
Aroclor 1260	ND		ug/l	0.250	--
Aroclor 1262	ND		ug/l	0.250	--
Aroclor 1268	ND		ug/l	0.250	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	74		30-150
Decachlorobiphenyl	81		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082
Analytical Date: 07/27/12 13:13
Analyst: BA

Extraction Method: EPA 3546
Extraction Date: 07/26/12 10:36
Cleanup Method1: EPA 3665A
Cleanup Date1: 07/27/12
Cleanup Method2: EPA 3660B
Cleanup Date2: 07/27/12

Parameter	Result	Qualifier	Units	RL	MDL
PCB by GC - Westborough Lab for sample(s): 08-15,17 Batch: WG551002-1					
Aroclor 1016	ND		ug/kg	19.2	--
Aroclor 1221	ND		ug/kg	19.2	--
Aroclor 1232	ND		ug/kg	19.2	--
Aroclor 1242	ND		ug/kg	19.2	--
Aroclor 1248	ND		ug/kg	12.8	--
Aroclor 1254	ND		ug/kg	19.2	--
Aroclor 1260	ND		ug/kg	12.8	--
Aroclor 1262	ND		ug/kg	6.41	--
Aroclor 1268	ND		ug/kg	6.41	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	71		30-150
Decachlorobiphenyl	64		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082
Analytical Date: 07/29/12 22:33
Analyst: SS

Extraction Method: EPA 3546
Extraction Date: 07/27/12 17:22
Cleanup Method1: EPA 3665A
Cleanup Date1: 07/29/12
Cleanup Method2: EPA 3660B
Cleanup Date2: 07/29/12

Parameter	Result	Qualifier	Units	RL	MDL
PCB by GC - Westborough Lab for sample(s): 04-07 Batch: WG551415-1					
Aroclor 1016	ND		ug/kg	19.2	--
Aroclor 1221	ND		ug/kg	19.2	--
Aroclor 1232	ND		ug/kg	19.2	--
Aroclor 1242	ND		ug/kg	19.2	--
Aroclor 1248	ND		ug/kg	12.8	--
Aroclor 1254	ND		ug/kg	19.2	--
Aroclor 1260	ND		ug/kg	12.8	--
Aroclor 1262	ND		ug/kg	6.39	--
Aroclor 1268	ND		ug/kg	6.39	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	86		30-150
Decachlorobiphenyl	77		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082
Analytical Date: 07/30/12 22:41
Analyst: KB

Extraction Method: EPA 3546
Extraction Date: 07/28/12 06:38
Cleanup Method1: EPA 3665A
Cleanup Date1: 07/29/12
Cleanup Method2: EPA 3660B
Cleanup Date2: 07/29/12

Parameter	Result	Qualifier	Units	RL	MDL
PCB by GC - Westborough Lab for sample(s): 03 Batch: WG551455-1					
Aroclor 1016	ND		ug/kg	19.6	--
Aroclor 1221	ND		ug/kg	19.6	--
Aroclor 1232	ND		ug/kg	19.6	--
Aroclor 1242	ND		ug/kg	19.6	--
Aroclor 1248	ND		ug/kg	13.0	--
Aroclor 1254	ND		ug/kg	19.6	--
Aroclor 1260	ND		ug/kg	13.0	--
Aroclor 1262	ND		ug/kg	6.52	--
Aroclor 1268	ND		ug/kg	6.52	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	94		30-150
Decachlorobiphenyl	84		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1212918

Project Number: TO-0010-05 **Report Date:** 09/19/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082
Analytical Date: 08/02/12 16:24
Analyst: BA

Extraction Method: EPA 3546
Extraction Date: 08/02/12 11:15
Cleanup Method1: EPA 3665A
Cleanup Date1: 08/02/12
Cleanup Method2: EPA 3660B
Cleanup Date2: 08/02/12

Parameter	Result	Qualifier	Units	RL	MDL
PCB by GC - Westborough Lab for sample(s): 16 Batch: WG552536-1					
Aroclor 1016	ND		ug/kg	19.3	--
Aroclor 1221	ND		ug/kg	19.3	--
Aroclor 1232	ND		ug/kg	19.3	--
Aroclor 1242	ND		ug/kg	19.3	--
Aroclor 1248	ND		ug/kg	12.8	--
Aroclor 1254	ND		ug/kg	19.3	--
Aroclor 1260	ND		ug/kg	12.8	--
Aroclor 1262	ND		ug/kg	6.43	--
Aroclor 1268	ND		ug/kg	6.43	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	85		30-150
Decachlorobiphenyl	76		30-150

Matrix Spike Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212918

Report Date: 09/19/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
PCB by GC - Westborough Lab Associated sample(s): 08-15,17 QC Batch ID: WG551002-4 WG551002-5 QC Sample: L1213000-07 Client ID: MS Sample												
Aroclor 1016	ND	220	190	86		179	82		40-140	6		50
Aroclor 1260	ND	220	124	56		134	61		40-140	8		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	67		64		30-150
Decachlorobiphenyl	57		63		30-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212918
Report Date: 09/19/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
PCB by GC - Westborough Lab Associated sample(s): 18 Batch: WG550130-2 WG550130-3								
Aroclor 1016	75		83		40-140	9		50
Aroclor 1260	74		69		40-140	7		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	73		68		30-150
Decachlorobiphenyl	83		78		30-150

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
PCB by GC - Westborough Lab Associated sample(s): 08-15,17 Batch: WG551002-2 WG551002-3								
Aroclor 1016	78		74		40-140	5		50
Aroclor 1260	62		61		40-140	2		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	74		72		30-150
Decachlorobiphenyl	63		62		30-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212918

Report Date: 09/19/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
PCB by GC - Westborough Lab Associated sample(s): 04-07 Batch: WG551415-2 WG551415-3								
Aroclor 1016	79		85		40-140	7		50
Aroclor 1260	68		65		40-140	5		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	94		87		30-150
Decachlorobiphenyl	89		83		30-150

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
PCB by GC - Westborough Lab Associated sample(s): 03 Batch: WG551455-2 WG551455-3								
Aroclor 1016	92		94		40-140	2		50
Aroclor 1260	88		95		40-140	8		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	87		86		30-150
Decachlorobiphenyl	86		85		30-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1212918

Report Date: 09/19/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
PCB by GC - Westborough Lab Associated sample(s): 16 Batch: WG552536-2 WG552536-3								
Aroclor 1016	84		70		40-140	18		50
Aroclor 1260	68		66		40-140	3		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	83		79		30-150
Decachlorobiphenyl	75		72		30-150

INORGANICS
&
MISCELLANEOUS

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212918
Report Date: 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-02
Client ID: S-12L-B007-0.5-1.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/14/12 14:10
Date Received: 07/19/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	51		%	0.10	NA	1	-	07/20/12 20:10	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212918
Report Date: 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-03
Client ID: S-12L-B007-1.5-2.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/14/12 14:10
Date Received: 07/19/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	12		%	0.10	NA	1	-	07/20/12 20:10	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212918
Report Date: 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-04
Client ID: S-12L-B007-2.5-3.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/14/12 14:10
Date Received: 07/19/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	12		%	0.10	NA	1	-	07/20/12 20:10	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212918
Report Date: 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-05
Client ID: S-12L-B007-2.5-3.0REP
Sample Location: NEW BEDFORD, MA
Matrix: Sediment
Date Collected: 07/14/12 14:10
Date Received: 07/19/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	17		%	0.10	NA	1	-	07/20/12 20:10	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212918
Report Date: 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-06
Client ID: S-12L-B007-5.0-5.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/14/12 14:30
Date Received: 07/19/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95		%	0.10	NA	1	-	07/20/12 20:10	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212918
Report Date: 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-07
Client ID: S-12L-B007-10.0-10.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/14/12 14:45
Date Received: 07/19/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89		%	0.10	NA	1	-	07/20/12 20:10	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212918
Report Date: 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-08
Client ID: S-12L-B007-14.5-15.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/14/12 15:00
Date Received: 07/19/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94		%	0.10	NA	1	-	07/20/12 20:10	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212918
Report Date: 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-09
Client ID: S-12L-B007-15.5-16.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/14/12 15:00
Date Received: 07/19/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91		%	0.10	NA	1	-	07/20/12 20:10	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212918
Report Date: 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-10
Client ID: S-12L-B007-19.5-20.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/14/12 15:20
Date Received: 07/19/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85		%	0.10	NA	1	-	07/20/12 20:10	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212918
Report Date: 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-11
Client ID: S-12L-B007-20.5-21.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/14/12 15:20
Date Received: 07/19/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93		%	0.10	NA	1	-	07/20/12 20:10	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212918
Report Date: 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-12
Client ID: S-12L-B007-30.0-30.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/14/12 16:05
Date Received: 07/19/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	98		%	0.10	NA	1	-	07/20/12 20:10	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212918
Report Date: 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-13
Client ID: S-12L-B007-32.5-33.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/14/12 16:05
Date Received: 07/19/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93		%	0.10	NA	1	-	07/20/12 20:10	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212918
Report Date: 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-14
Client ID: S-12L-B007-34.5-35.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/14/12 16:20
Date Received: 07/19/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92		%	0.10	NA	1	-	07/20/12 20:10	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212918
Report Date: 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-15
Client ID: S-12L-B012-1.0-1.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/18/12 07:55
Date Received: 07/19/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	46		%	0.10	NA	1	-	07/20/12 20:10	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212918
Report Date: 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-16
Client ID: S-12L-B012-1.0-1.5 REP
Sample Location: NEW BEDFORD, MA
Matrix: Sediment
Date Collected: 07/18/12 07:55
Date Received: 07/19/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	48		%	0.10	NA	1	-	07/20/12 20:10	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1212918
Report Date: 09/19/12

SAMPLE RESULTS

Lab ID: L1212918-17
Client ID: S-12L-B012-2.0-2.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/18/12 07:55
Date Received: 07/19/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	43		%	0.10	NA	1	-	07/20/12 20:10	30,2540G	RD

Lab Duplicate Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212918
Report Date: 09/19/12

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 02-17 QC Batch ID: WG549898-1 QC Sample: L1212918-02 Client ID: S-12L-B007-0.5-1.0						
Solids, Total	51	54	%	6		20

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212918
Report Date: 09/19/12

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 07/19/2012 22:28

Cooler Information Custody Seal

Cooler	
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1212918-01A	Vial MeOH preserved	B	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212918-01B	Vial water preserved	B	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212918-01C	Vial water preserved	B	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212918-02A	Vial MeOH preserved	B	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212918-02B	Vial water preserved	B	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212918-02C	Vial water preserved	B	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212918-02D	Amber 250ml unpreserved	C	N/A	3	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212918-02E	Amber 250ml unpreserved	C	N/A	3	Y	Absent	-
L1212918-03A	Vial MeOH preserved	B	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212918-03B	Vial water preserved	B	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212918-03C	Vial water preserved	B	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212918-03D	Amber 250ml unpreserved	C	N/A	3	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212918-03E	Amber 250ml unpreserved	C	N/A	3	Y	Absent	-
L1212918-04A	Vial MeOH preserved	B	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212918-04B	Vial water preserved	B	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212918-04C	Vial water preserved	B	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212918-04D	Amber 250ml unpreserved	C	N/A	3	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212918-04E	Amber 250ml unpreserved	C	N/A	3	Y	Absent	-
L1212918-05A	Vial MeOH preserved	B	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212918-05B	Vial water preserved	B	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212918-05C	Vial water preserved	B	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212918-05D	Amber 250ml unpreserved	C	N/A	3	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212918-05E	Amber 250ml unpreserved	C	N/A	3	Y	Absent	-

Values in parentheses indicate holding time in days

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212918
Report Date: 09/19/12

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1212918-06A	Vial MeOH preserved	B	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212918-06B	Vial water preserved	B	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212918-06C	Vial water preserved	B	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212918-06D	Amber 250ml unpreserved	C	N/A	3	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212918-06E	Amber 250ml unpreserved	C	N/A	3	Y	Absent	-
L1212918-07A	Vial MeOH preserved	B	N/A	2	Y	Absent	8260H-WHG(14),8260HLW-WHG(14)
L1212918-07B	Vial water preserved	B	N/A	2	Y	Absent	8260H-WHG(14),8260HLW-WHG(14)
L1212918-07C	Vial water preserved	B	N/A	2	Y	Absent	8260H-WHG(14),8260HLW-WHG(14)
L1212918-07D	Amber 250ml unpreserved	C	N/A	3	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212918-07E	Amber 250ml unpreserved	C	N/A	3	Y	Absent	-
L1212918-08A	Vial MeOH preserved	B	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212918-08B	Vial water preserved	B	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212918-08C	Vial water preserved	B	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212918-08D	Amber 250ml unpreserved	C	N/A	3	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212918-08E	Amber 250ml unpreserved	C	N/A	3	Y	Absent	-
L1212918-09A	Vial MeOH preserved	B	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212918-09B	Vial water preserved	B	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212918-09C	Vial water preserved	B	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212918-09D	Amber 250ml unpreserved	C	N/A	3	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212918-09E	Amber 250ml unpreserved	C	N/A	3	Y	Absent	-
L1212918-10A	Vial MeOH preserved	B	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212918-10B	Vial water preserved	B	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212918-10C	Vial water preserved	B	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212918-10D	Amber 250ml unpreserved	A	N/A	3	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212918-10E	Amber 250ml unpreserved	A	N/A	3	Y	Absent	-
L1212918-11A	Vial MeOH preserved	B	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212918-11B	Vial water preserved	B	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212918-11C	Vial water preserved	B	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212918-11D	Amber 250ml unpreserved	C	N/A	3	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212918-11E	Amber 250ml unpreserved	C	N/A	3	Y	Absent	-
L1212918-12A	Vial MeOH preserved	B	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212918-12B	Vial water preserved	B	N/A	2	Y	Absent	8260HLW-WHG(14)

(*) Values in parentheses indicate holding time in days

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212918
Report Date: 09/19/12

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1212918-12C	Vial water preserved	B	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212918-12D	Amber 250ml unpreserved	B	N/A	2	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212918-12E	Amber 250ml unpreserved	B	N/A	2	Y	Absent	-
L1212918-13A	Vial MeOH preserved	B	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212918-13B	Vial water preserved	B	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212918-13C	Vial water preserved	B	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212918-13D	Amber 250ml unpreserved	B	N/A	2	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212918-13E	Amber 250ml unpreserved	B	N/A	2	Y	Absent	-
L1212918-14A	Vial MeOH preserved	B	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212918-14B	Vial water preserved	B	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212918-14C	Vial water preserved	B	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212918-14D	Amber 250ml unpreserved	B	N/A	2	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212918-14E	Amber 250ml unpreserved	B	N/A	2	Y	Absent	-
L1212918-15A	Vial MeOH preserved	B	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212918-15B	Vial water preserved	B	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212918-15C	Vial water preserved	B	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212918-15D	Amber 250ml unpreserved	B	N/A	2	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212918-15E	Amber 250ml unpreserved	B	N/A	2	Y	Absent	-
L1212918-16A	Vial MeOH preserved	B	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212918-16B	Vial water preserved	B	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212918-16C	Vial water preserved	B	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212918-16D	Amber 250ml unpreserved	B	N/A	2	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212918-16E	Amber 250ml unpreserved	B	N/A	2	Y	Absent	-
L1212918-17A	Vial MeOH preserved	B	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212918-17B	Vial water preserved	B	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212918-17C	Vial water preserved	B	N/A	2	Y	Absent	8260HLW-WHG(14)
L1212918-17D	Amber 250ml unpreserved	A	N/A	3	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1212918-17E	Amber 250ml unpreserved	A	N/A	3	Y	Absent	-
L1212918-18A	Vial HCl preserved	A	N/A	3	Y	Absent	8260(14)
L1212918-18B	Vial HCl preserved	A	N/A	3	Y	Absent	8260(14)
L1212918-18C	Amber 1000ml unpreserved	A	7	3	Y	Absent	8270TCL(7)
L1212918-18D	Amber 1000ml unpreserved	A	7	3	Y	Absent	8270TCL(7)
L1212918-18E	Amber 1000ml unpreserved	A	7	3	Y	Absent	PCB-8082(7)

*Values in parentheses indicate holding time in days

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1212918
Report Date: 09/19/12

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1212918-18F	Amber 1000ml unpreserved	A	7	3	Y	Absent	PCB-8082(7)
L1212918-19A	Vial HCl preserved	A	N/A	3	Y	Absent	8260(14)

(*) Values in parentheses indicate holding time in days

Project Name:	NEW BEDFORD AEROVOX	**Lab Number:**	L1212918
Project Number:	TO-0010-05	**Report Date:**	09/19/12

GLOSSARY

Acronyms

EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than five times (5x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit.
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
D	- Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
E	- Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
G	- The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
H	- The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
I	- The RPD between the results for the two columns exceeds the method-specified criteria; however, the lower value has been reported due to obvious interference.
M	- Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
NJ	- Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

Report Format: Data Usability Report

Project Name:	NEW BEDFORD AEROVOX	**Lab Number:**	L1212918
Project Number:	TO-0010-05	**Report Date:**	09/19/12

Data Qualifiers

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the reporting limit (RL) for the sample.

Report Format: Data Usability Report

Project Name:	NEW BEDFORD AEROVOX	**Lab Number:**	L1212918
Project Number:	TO-0010-05	**Report Date:**	09/19/12

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certificate/Approval Program Summary

Last revised August 16, 2012 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0574. ***NELAP Accredited Solid Waste/Soil.***

Drinking Water (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Nickel, Selenium, Silver, Sodium, Thallium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP) 504.1, Ethylene Dibromide (EDB) 504.1, 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223, Enumeration and P/A), E. Coli. – Colilert (SM9223, Enumeration and P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform-EC Medium (SM 9221E).

Wastewater/Non-Potable Water (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), E. Coli – Colilert (SM9223 Enumeration), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E), Enterococcus - Enterolert.

Solid Waste/Soil (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Dalapon, Volatile Organics (SW 8260), Acid Extractables (Phenols) (SW 8270), Benzidines (SW 8270), Phthalates (SW 8270), Nitrosamines (SW 8270), Nitroaromatics & Cyclic Ketones (SW 8270), PAHs (SW 8270), Haloethers (SW 8270), Chlorinated Hydrocarbons (SW 8270).)

Maine Department of Human Services Certificate/Lab ID: 2009024.
Drinking Water (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 353.2, SM2130B, 2320B, 2540C, 4500Cl-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 350.1, 351.1, 353.2, 410.4, 420.1, SM2320B, 2510B, 2540C, 2540D, 426C, 4500Cl-D, 4500Cl-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-B, 4500Norg-C, 4500NH3-B, 4500NH3-G, 4500NO3-F, 4500P-B, 4500P-E, 5210B, 5220D, 5310C, 9010B, 9040B, 9030B, 7470A, 7196A, 2340B, EPA 200.7, 6010B, 200.8, 6020, 245.1, 1311, 1312, 3005A, Enterolert, 9223D, 9222D. Organic Parameters: 608, 624, 625, 8081A, 8082, 8330, 8151A, 8260B, 8270C, 3510C, 3630C, 5030B, ME-DRO, ME-GRO, MA-EPH, MA-VPH.)

Solid Waste/Soil (Inorganic Parameters: 9010B, 9012A, 9014A, 9030B, 9040B, 9045C, 6010B, 7471A, 7196A, 9050A, 1010, 1030, 9065, 1311, 1312, 3005A, 3050B. Organic Parameters: ME-DRO, ME-GRO, MA-EPH, MA-VPH, 8260B, 8270C, 8330, 8151A, 8081A, 8082, 3540C, 3546, 3580A, 3630C, 5030B, 5035.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.
*Drinking Water (*Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl) (EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate); (EPA 353.2 for: Nitrate-N, Nitrite-N); (SM4500NO3-F for: Nitrate-N and Nitrite-N); 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, 2320B, SM2540C, SM4500H-B. Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics); (504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), EPA 332. Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; ColilertQT SM9223B; MF-SM9222D.)

Non-Potable Water (Inorganic Parameters:, (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn); (EPA 200.7

for: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn); 245.1, SM4500H,B, EPA 120.1, SM2510B, 2540C, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.
Organic Parameters: (EPA 624 for Volatile Halocarbons, Volatile Aromatics),(608 for: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT,Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs-Water), (EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables), 600/4-81-045-PCB-Oil. Microbiology Parameters: (ColilertQT SM9223B; Enterolert-QT: SM9222D-MF.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM 9222B, 9223B, 9215B, EPA 200.7, 200.8, 300.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 332.0. Organic Parameters: 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM9222D, 9221B, 9222B, 9221E-EC, EPA 3005A, 200.7, 200.8, 245.1, SW-846 6010B, 6010C, 6020, 6020A, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 350.2, 351.1, 353.2, 410.4, 420.1, 426C, 1664A, SW-846 9010B, 9030B, 9040B, SM2120B, 2310B, 2320B, 2540B, 2540D, 4500H+B, 4500CL-E, 4500CN-E, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500P-E, 4500-S2-D, 5210B, 5220D, 2510B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D, 3060A. Organic Parameters: SW-846 3510C, 3630C, 5030B, 8260B, 8270C, 8270D, 8330, EPA 624, 625, 608, SW-846 8082, 8082A, 8081A, 8081B, 8151A, 8330, 8270C-SIM, 8270D-SIM.)

Solid & Chemical Materials (Inorganic Parameters: SW-846 6010B, 6010C, 7196A, 7471A, 1010, 1030, 9010, 9012A, 9014, 9030B, 9040B, 9045C, 9050, 9065,1311, 1312, 3005A, 3050B, 3060A. Organic Parameters: SW-846 3540C, 3546, 3050B, 3580A, 3630C, 5030B, 5035, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330, 8151A, 8015B, 8015C, 8082, 8082A, 8081A, 8081B.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9222B, 9221E, 9223B, 9215B, 4500CN-CE, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 200.8, 245.1, 2540C, SM2120B, 2320B, 2510B, 5310C, SM4500H-B. Organic Parameters: EPA 332, 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM5210B, EPA 410.4, SM5220D, 4500Cl-E, EPA 300.0, SM2120B, 2340B, SM4500F-BC, EPA 200.7, 200.8, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310B, C or D, 4500-PE, EPA 420.1, SM510ABC, SM4500P-B5+E, 2540B, 2540C, 2540D, 2540G, EPA 120.1, SM2510B, SM2520B, SM15 426C, 9222D, 9221B, 9221C, 9221E, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, EPA 350.1, 350.2, SW-846 1312, 7470A, 5540C, SM4500H-B, 4500SO3-B, SM3500Cr-D, 4500CN-CE, EPA 245.1, SW-846 9040B, 3005A, 3015, EPA 6010B, 6010C, 6020, 6020A, 7196A, 3060A, SW-846 9010B, 9030B. Organic Parameters: SW-846 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3510C, EPA 608, 624, 625, SW-846 3630C, 5030B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 1,4-Dioxane by NJ Modified 8270, 8015B, NJ EPH.)

Solid & Chemical Materials (Inorganic Parameters: SW-846, 6010B, 6010C, 6020, 6020A, 7196A, 3060A, 9010B, 9030B, 1010, 1030, 1311, 1312, 3005A, 3050B, 7471A, 7471B, 9014, 9012A, 9040B, 9040C, 9045C, 9045D, 9050A, 9065, 9251. Organic Parameters: SW-846 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3540C, 3546, 3580A, 3630C, 5030B, 5035L, 5035H, NJ OQA-QAM-025 Rev.7, NJ EPH.)

New York Department of Health Certificate/Lab ID: 11148. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.2, SM5310C, EPA 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500NO3-F, 2540C, SM 2510B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, 5310C, EPA 410.4, SM5220D, 2310B-4a, 2320B, EPA 200.7, 300.0, SM4500CL-E, 4500F-C, SM15 426C, EPA 350.1, SM4500NH3-BH, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010B, 6010C, 6020, 6020A, EPA 7196A, SM3500Cr-D, EPA 245.1, 245.2, 7470A, SM2120B, LACHAT 10-204-00-1-A, 4500CN-CE, EPA 1664A, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 3005A, 3015, 9010B, 9030B. Organic Parameters: EPA 624, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 625, 608, 8081A, 8081B, 8151A, 8330, 8082, 8082A, EPA 3510C, 5030B.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010, 1030, EPA 6010B, 6010C, 7196A, 7471A, 7471B, 9012A, 9014, 9065, 9050A, EPA 1311, 1312, 3005A, 3050B, 9010B, 9040C, 9045D. Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8015B, 8015C, 8081A, 8081B, 8151A, 8330, 8082 8082A, 3540C, 3546, 3580, 3580A, 5030B, 5035A-H, 5035A-L.)

North Carolina Department of the Environment and Natural Resources Certificate/Lab ID : 666. (Inorganic Parameters: SM2310B, 2320B, 4500Cl-E, 4500Cn-E, 9014, Lachat 10-204-00-1-X, 1010A, 1030, 4500NO3-F, 353.2, 4500P-E, 4500SO4-E, 300.0, 4500S-D, 5310B, 5310C, 6010C, 6020A, 200.7, 200.8, 3500Cr-B, 7196A, 245.1, 7471A, 7471B, 1311,1312. Organic Parameters: 608, 8081B, 8082A, 624, 8260B, 625, 8270D, 8151A, 8015C, 504.1, MA-EPH, MA-VPH.)

Drinking Water Program Certificate/Lab ID: 25700. (Inorganic Parameters: Chloride EPA 300.0. Organic Parameters: 524.2)

Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: 200.7, 200.8, 245.2, 300.0, 332.0, 2120B, 2320B, 2510B, 2540C, 4500-CN-CE, 4500F-C, 4500H+-B, 4500NO3-F, 5310C. Organic Parameters: EPA 524.2, 504.1)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1312, 3005A,3015, 3060A, 200.7, 200.8, 410.4, 1664A, SM2540D, 5210B, 5220D, 4500-P,BE, 245.1, 300.0, 3501., 350.2, 353.2, 420.1, 6010B, 6010C, 6020, 6020A, 7196A, 7470A, 9010B, 9030B, 9040B, Lachat 10-107-06-2-D, NJ-EPH, 2120B, 2310B, 2320B, 2340B, 2510C, 2540B, 2540C, 3500Cr-D, 436C, 4500CN-CE, 4500Cl-E, 4500F-B, 4500F-C, 4500H+-B, 4500NO2-B, 4500NO3-F, 4500S-D, 4500SO3-B, 5310BCD, 5540C. Organic Parameters: EPA 3510C, 3630C, 5030B, 625, 624, 608, 8081A, 8081B, 8082, 8082A, 8151A, 8260B, 8270C, 8270D, 8330, 8015B,)

Solid & Hazardous Waste (Inorganic Parameters: EPA 350.1, 1010, 1030, 1311, 1312, 3005A, 3050B, 3060A, 6010B, 6010C, 6020A, 7196A, 7471A, 7471B, 9010B, 9012A, 9014, 9040B, 9045C, 9050, 9065, SM 4500NH3-BH, 9030B, 9038, 9251. Organic Parameters: 3540C, 3546, 3580A, 3630C, 5035, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330, NJ-EPH.)

Rhode Island Department of Health Certificate/Lab ID: LAO00065. ***NELAP Accredited via NJ-DEP.***
Refer to MA-DEP Certificate for Potable and Non-Potable Water.
Refer to NJ-DEP Certificate for Potable and Non-Potable Water.

Texas Commisson on Environmental Quality Certificate/Lab ID: T104704476-09-1. ***NELAP Accredited.***
Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 $S2^{-}$D, 510C, 5210B, 5220D, 5310C, 5540C. Organic Parameters: EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

Virginia Division of Consolidated Laboratory Services Certificate/Lab ID: 460195. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: EPA 200.7, 200.8, 300.0, 2510B, 2120B, 2540C, 4500CN-CE, 245.2, 2320B, 4500F-C, 4500F-C, 4500NO3-F, 5310C. Organic Parameters: EPA 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 200.7, 2..08, 245.1, 300.0, 3005A, 3015, 1312, 6010B, 6010C, 3060A, 353.2, 420.1, 6020, 6020A, SM4500S-D, SM4500-CN-CE, Lachat 10-204-00-1-X, 7196A, 7470A, 9010B, 9040B, 2310B, 2320B, 2510B, 2540B, 2540C, 3500Cr-D, 426C, 4500Cl-E, 4500F-B, 4500F-C, 4500PE, 510AC, 5210B, 5310B 5310C, 5540C. Organic Parameters: EPA 3510C, 3630C, 5030B, 8260B, 608, 624, 625, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330,)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010A, 1030, 3060A, 3050B, 1311, 1312, 6010B, 6010C, 6020, , 7196A, 7471A, 7471B, 6020A, 9030B, 9010B, 9012A, 9014 9040B, 9045C, 9050A, 9065. Organic Parameters: EPA 5035, 3540C, 3546, 3550, 3580, 3630C, 8260B, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330.)

Department of Defense, L-A-B Certificate/Lab ID: L2217.
Drinking Water (Inorganic Parameters: SM 4500H-B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: EPA 200.7, 200.8, 6010B, 6010C, 6020, 6020A, 245.1, 245.2, 7470A, 9040B, 9010B, 180.1. 300.0, 332.0, 6860, 353.2, 410.4, 9060, 1664A, SM 4500CN-E, 4500H-B, 4500NO3-F, 4500CL-D, 5220D, 5310C, 2130B, 2320B, 2540C, 3005A, 3015, 9010B, 9056. Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A, 8082, 8082A, 8021B, 8081B, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 200.7, 6010B, 6010C, 7471A, 6860, 1311, 1312, 3050B, 7196A, 9010B, 9012A, 9040B, 9045C, 3500-CR-D, 4500CN-CE, 2540G, Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A/B-prep, 8082, 8082A, 8081A, 8081B, 3540C, 3546, 3580A, 5035A, MassDEP EPH, MassDEP VPH.)

The following analytes are not included in our current NELAP/TNI Scope of Accreditation:
EPA 8260B: Freon-113, 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8330A:** PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C:** Methyl naphthalene, Dimethyl naphthalene, Total Methylnapthalenes, Total Dimethylnaphthalenes, 1,4-Diphenylhydrazine (Azobenzene). **EPA 625:** 4-Chloroaniline, 4-Methylphenol. Total Phosphorus in a soil matrix, Chloride in a soil matrix, TKN in a soil matrix, NO2 in a soil matrix, NO3 in a soil matrix, SO4 in a soil matrix. **EPA 9071:** Total Petroleum Hydrocarbons, Oil & Grease.

CHAIN OF CUSTODY

PAGE 1 OF 7

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 7-19-12

ALPHA Job #: L1212918

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-00010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 8/2/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State / Fed Program Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

Project-specific EDD. Homogenize before analyses. Samples must be frozen or analyzed immediately due to hold time

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC	Low VOC	SVOC, Total Solid PCB Aroclor	PCB Congener (Archive)	SAMPLE HANDLING	Sample Specific Comments	TOTAL # BOTTLES
12918-1	TB-071912-03	7/19/12	1200		DGS		X				Trip Blank	2
1	TB-071912-04	7/19/12	1200		DGS	X					Trip Blank	1
2	S-12L-B007-0.5-1.0	7/14/12	1410	SE		X					ASB-7	1
2	S-12L-B007-0.5-1.0						X					2
2	S-12L-B007-0.5-1.0							X			All 3 analyses	1
2	S-12L-B007-0.5-1.0								X		Archive	1
3	S-12L-B007-1.5-2.0					X						1
3	S-12L-B007-1.5-2.0						X					2
3	S-12L-B007-1.5-2.0							X			All 3 analyses	1
3	S-12L-B007-1.5-2.0								X		Archive	1

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

Container Type	V	V	A	A
Preservative	F	O	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Dave Walsh	7/19/12 1730		7/19/12 1730
T. Hendel	7/19/12 1930	Kate Mun	7/19/12 1930

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

CHAIN OF CUSTODY

PAGE 2 OF 7

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 7-19-12

ALPHA Job #: L1212918

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 8/2/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

Project-specific EDD. Homogenize before analyses, Samples must be frozen or analyzed immediately due to hold time

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid, PCB	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
1212918-4	S-12L-B007-2.5-3.0	7/14/12	1410	SE	DGS	X					1
4	S-12L-B007-2.5-3.0						X				2
4	S-12L-B007-2.5-3.0							X		All 3 analyses	1
4	S-12L-B007-2.5-3.0								X	Archive	1
5	S-12L-B007-2.5-3.0 REP ~~MS/MSD~~					X				REP	1
5	S-12L-B007-2.5-3.0 REP						X			REP	2
5	S-12L-B007-2.5-3.0 REP							X		REP, All 3 analyses	1
5	S-12L-B007-2.5-3.0 REP								X	REP, Archive	1
6	S-12L-B007-5.0-5.5		1430			X					1
6	S-12L-B007-5.0-5.5		1430				X				2

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

Container Type	V	V	A	A	
Preservative	F	C	A	A	

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Dave Walsh	7/19/12 1730	T. Handel	7/19/12 1730
T. Handel	7/19/12 1930		7/19/12 1930

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

IRM NO: 01-01 (rev. 18-Jan-2010)

MANSFIELD CHAIN OF CUSTODY

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ALPHA ANALYTICAL

WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 7.19.12

ALPHA Job #: L1212918

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DVALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 8/2/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program | Criteria

Other Project Specific Requirements/Comments/Detection Limits:
Project-specific EDD. Homogenize before analysis, Samples must be frozen
PLEASE NOTE if analyzed immediately due to hold time
MS/MSD (at unit cost) will be omitted unless you check here: ☐

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid, PCB Congener (Archive)	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
12918-6	S-12L-B007-5.0-5.5	7/14/12	1430	SE	DGS			X		All 3 analyses	1
6	S-12L-B007-5.0-5.5	"	"	"	"				X	Archive	1
7	S-12L-B007-10.0-10.5	"	1445	"	"	X					1
7	S-12L-B007-10.0-10.5	"	"	"	"		X				2
7	S-12L-B007-10.0-10.5	"	"	"	"			X		All 3 analyses	1
7	S-12L-B007-10.0-10.5	"	"	"	"				X	Archive	1
8	S-12L-B007-14.5-15.0	"	1500	"	"	X					1
8	S-12L-B007-14.5-15.0	"	"	"	"		X				2
8	S-12L-B007-14.5-15.0	"	"	"	"			X		All 3 analyses	1
8	S-12L-B007-14.5-15.0	"	"	"	"				X	Archive	1

SAMPLE HANDLING
Filtration
☐ Done ☐ Not needed ☐ Lab to do
Preservation
☐ Lab to do (Please specify below)

Container Type	V	V	A	A
Preservative	F	O	A	A

Relinquished By:	Date/Time	Received By:	Date/Time
	7/19/12 1730		7/19/12 1730
	7/19/12 1930		7/19/12 1930

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 101-09 (rev. 27-SEP-10)

MANSFIELD CHAIN OF CUSTODY

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Date Rec'd in Lab: 7-17-12

ALPHA Job #: L1212918

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 8/2/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State / Fed Program Criteria

Other Project Specific Requirements/Comments/Detection Limits:
Project-specific EDD. Homogenize before analysis. Samples must be frozen or analyzed immediately due to hold time

PLEASE NOTE

MS/MSD (at unit cost) will be omitted unless you check here: ☐

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
L2918 9	S-12L-B007-15.5-16.0	7/14/12	1500	SE	DGS	X					1
9	S-12L-B007-15.5-16.0						X				2
9	S-12L-B007-15.5-16.0							X		All 3 analyses	1
9	S-12L-B007-15.5-16.0								X	Archive	1
10	S-12L-B007-19.5-20.0		1520			X					1
10	S-12L-B007-19.5-20.0						X				2
10	S-12L-B007-19.5-20.0							X		All 3 analyses	1
10	S-12L-B007-19.5-20.0								X	Archive	1
11	S-12L-B007-20.5-21.0					X					
11	S-12L-B007-20.5-21.0						X				

	High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congeners (Archive)
Container Type	V	V	A	A
Preservative	F	O	A	A

Relinquished By:	Date/Time	Received By:	Date/Time
Dael Stuart	7/19/12 1730	T. Hudson	7/19/12 1730
T. Hudson	7/19/12 1930	Kate Mun	7/19/12 1930

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 101-09 (rev. 27-SEP-10)

MANSFIELD CHAIN OF CUSTODY

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ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 7/19/12

ALPHA Job #: L1212918

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0016-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 8/2/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program | Criteria

Other Project Specific Requirements/Comments/Detection Limits:
Project-Specific EDD. Homogenize before analysis, Samples must be
PLEASE NOTE frozen or analyzed immediately due to hold time
MS/MSD (at unit cost) will be omitted unless you check here: ☐

ANALYSIS: High VOC; Low VOC; SVOC; Total Solid PCB Aroclor; PCB Congener (Archive)

SAMPLE HANDLING
Filtration
☐ Done ☐ Not needed ☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC	Total Solid PCB Aroclor	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
L2918-11	S-12L-B007-20.5-21.0	7/14/12	1520	SE	DGS			X			All 3 analyses	1 D-20
11	S-12L-B007-20.5-21.0	"	"	"	"				X		Archive	1
12	S-12L-B007-30.0-30.5	"	1605	"	"	X						1
12	S-12L-B007-30.0-30.5	"	"	"	"		X					2
12	S-12L-B007-30.0-30.5	"	"	"	"			X			All 3 analyses	1
12	S-12L-B007-30.0-30.5	"	"	"	"				X		Archive	1
13	S-12L-B007-32.5-33.0	"	"	"	"	X						1
13	S-12L-B007-32.5-33.0	"	"	"	"		X					2
13	S-12L-B007-32.5-33.0	"	"	"	"			X			All 3 analyses	1
13	S-12L-B007-32.5-33.0	"	"	"	"				X		Archive	1
	Container Type					V	V	A	A			
	Preservative					F	O	A	A			

Relinquished By:	Date/Time	Received By:	Date/Time
Dave Walsh	7/19/12 1730	T. Thurdle	7/19/12 1730
T. Thurdle	7/19/12 1930		

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 101-09 (rev. 27-SEP-10)

Sediment Boring Collection and Analysis Off the Former Aerovox Site Property Shoreline W912WJ-09-D-0001 April 2013

MANSFIELD CHAIN OF CUSTODY

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ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 7/19/12

ALPHA Job #: L1212918

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-00010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 8/2/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program | Criteria

Other Project Specific Requirements/Comments/Detection Limits:
Project-specific EDD, Homogenize before ~~Sampling~~ analysis, Samples must be
PLEASE NOTE frozen or analyzed immediately due to hold time
MS/MSD (at unit cost) will be omitted unless you check here: ☐

ANALYSIS: High VOC | Low VOC | SVOC, Total Solid PCB Aroclor | PCB Congener (Archive)

SAMPLE HANDLING
Filtration
☐ Done ☐ Not needed ☐ Lab to do
Preservation
☐ Lab to do (Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC	PCB Aroclor	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
12918-14	S-12L-B007-34.5-35.0	7/14/12	1620	SE	DGS	X						1 D-20
14	S-12L-B007-34.5-35.0		1620				X					2
14	S-12L-B007-34.5-35.0		1620					X			All 3 analyses	1
14	S-12L-B007-34.5-35.0		1620						X		Archive	1
15	S-12L-B012-0.0-1.5	7/18/12	0755			X						1
15	S-12L-B012-1.0-1.5						X					3
15	S-12L-B012-1.0-1.5							X			All 3 analyses	1
15	S-12L-B012-1.0-1.5								X		Archive	1
16	S-12L-B012-1.0-1.5 REP					X					REP	1
16	S-12L-B012-1.0-1.5 REP						X				REP	2
	Container Type					V	V	A	A			
	Preservative					F	O	A	A			

Relinquished By:	Date/Time	Received By:	Date/Time
Dave Walsh	7/19/12 1730	T. Thurlow	7/19/12 1730
T. Thurlow	7/19/12 1730		

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 101-09 (rev. 27-SEP-10)

MANSFIELD CHAIN OF CUSTODY

PAGE 7 OF 7

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 7/19/12

ALPHA Job #: L1217918

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 8/2/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program | Criteria

Other Project Specific Requirements/Comments/Detection Limits:
Project-specific EDD. Homogenize before analysis, Samples must be frozen
PLEASE NOTE or analyzed immediately due to hold time
MS/MSD (at unit cost) will be omitted unless you check here: ☐

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC	Low VOC	SVOC, Total Solid, PCB	PCB Congeners (Archive)	SAMPLE HANDLING	Sample Specific Comments	TOTAL # BOTTLES
12919-16	S-12L-B012-1.0-1.5 REP	7/18/12	0755	SE	DGS			X			REP, All 3 analyses	1
16	S-12L-B012-1.0-1.5 REP								X		REP, Archive	1
17	S-12L-B012-2.0-2.5					X						1
17	S-12L-B012-2.0-2.5						X					2
17	S-12L-B012-2.0-2.5							X			All 3 analyses	1
17	S-12L-B012-2.0-2.5								X		Archive	1
18	EB-071912-01	7/19/12	1600	SW	DGS	X					EBlank specs	2
18	EB-071912-01			SW				X			E. Blank specs, SVOC + Arocle	4
19	TB-071912-05					X					Trip Blank EB	1

Container Type	V	V	A	A								
Preservative	F	C	A	A								

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

Relinquished By:	Date/Time	Received By:	Date/Time
Dave Walsh	7/19/12 1730	T. Handel	7/19/12 1730
T. Handel	7/19/12 1930	Kate Mum	7/19/12 1930

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 101-09 (rev. 27-SEP-10)

CHAIN OF CUSTODY

PAGE 1 OF 7

Date Rec'd in Lab: 7-19-12

ALPHA Job #: L1212918

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Serial_No:09191208:09

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 8/2/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State / (Fed) Program Criteria

MA MCP PRESUMPTIVE CERTAINTY -- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

Project-specific EDD. Homogenize before analyses. Samples must be frozen or analyzed immediately due to hold time

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
12918 1	TB-071912-03	7/19/12	1200		DGS		X			Trip Blank	2
1	TB-071912-04	7/19/12	1200		DGS	X				Trip Blank	1
2	S-12L-B007-0.5-1.0	7/14/12	1410	SE		X				ASB-7	1
2	S-12L-B007-0.5-1.0						X				2
2	S-12L-B007-0.5-1.0							X		All 3 analyses	
2	S-12L-B007-0.5-1.0								X	Archive	
3	S-12L-B007-1.5-2.0					X					
3	S-12L-B007-1.5-2.0						X				
3	S-12L-B007-1.5-2.0							X		All 3 analyses	
3	S-12L-B007-1.5-2.0								X	Archive	
					Container Type	V	V	A	A		
					Preservative	F	O	A	A		

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	7/19/12 1730	[signature]	7/19/12 1730
[signature]	7/19/12 1930	[signature]	7/19/12 1930
[signature]	7/19/12 230	[signature]	[signature]
Pat Calce	7/20/12 815	[signature]	7/20/12 0815

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Sediment Boring Collection and Analysis
Off the Former Aerovox Site Property Shoreline
W912WJ-09-D-0001
Delivery Order 0010-05
April 2013
D-209

CHAIN OF CUSTODY

PAGE 2 OF 7

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 7/19/12

ALPHA Job #: W12129I8

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

Serial_No:09120

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 8/2/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required , indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

Project-specific EDD. Homogenize before analyses, Samples must be frozen or analyzed immediately due to hold time

ANALYSIS: High VOC; Low VOC; SVOC, Total Solid, PCB; PCB Congeners (Archive)

SAMPLE HANDLING
Filtration
☐ Done ☐ Not needed ☐ Lab to do
Preservation
☐ Lab to do (Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid, PCB	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
W12129I8-4	S-12L-B007-2.5-3.0	7/14/12	1410	SE	DGS	X					2
4	S-12L-B007-2.5-3.0						X				2
4	S-12L-B007-2.5-3.0							X		All 3 analyses	1
4	S-12L-B007-2.5-3.0								X	Archive	1
5	S-12L-B007-2.5-3.0 REP ~~MS/MSD~~					X				REP	2
5	S-12L-B007-2.5-3.0 REP						X			REP	2
5	S-12L-B007-2.5-3.0 REP							X		REP, All 3 analyses	1
5	S-12L-B007-2.5-3.0 REP								X	REP, Archive	1
6	S-12L-B007-5.0-5.5		1430			X					2
6	S-12L-B007-5.0-5.5		1430				X				2

Container Type	V	V	A	A
Preservative	F	C	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
Dave Walsh	7/19/12 1730	T. Madden	7/19/12 1730
T. Madden	7/19/12 1930	Pat Cline	7/19/12 1930
Pat Cline	7/20/12 0815	[illegible]	7/20/12 0815

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Delivery Order 05 April 2013

Settlement Boring Collection and Analysis
Off the Former Aerovox Site Property Shoreline
W912WJ-09-D-0001

MANSFIELD CHAIN OF CUSTODY

PAGE 3 OF 7

Date Rec'd in Lab: 7.19.12

ALPHA Job #: L1212918

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM
Serial No: 091912

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 8/2/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program | Criteria

Other Project Specific Requirements/Comments/Detection Limits:
Project-specific EDD. Homogenize before analysis. Samples must be frozen
PLEASE NOTE if not analyzed immediately due to hold time
MS/MSD (at unit cost) will be omitted unless you check here: ☐

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid, PCB	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
12918-6	S-12L-B007-5.0-5.5	7/14/12	1430	SE	DGS			X		All 3 analyses	1
6	S-12L-B007-5.0-5.5								X	Archive	
7	S-12L-B007-10.0-10.5		1445			X					3
7	S-12L-B007-10.0-10.5						X				
7	S-12L-B007-10.0-10.5							X		All 3 analyses	
7	S-12L-B007-10.0-10.5								X	Archive	
8	S-12L-B007-14.5-15.0		1500			X					
8	S-12L-B007-14.5-15.0						X				
8	S-12L-B007-14.5-15.0							X		All 3 analyses	
8	S-12L-B007-14.5-15.0								X	Archive	

SAMPLE HANDLING
Filtration
☐ Done ☐ Not needed ☐ Lab to do
Preservation
☐ Lab to do (Please specify below)

Container Type	V	V	A	A													
Preservative	F	O	A	A													

Relinquished By:	Date/Time	Received By:	Date/Time
Dave Walsh	7/19/12 1730		
	7/19/12 1930		7/19/12 1930
	7/19/12 2330		7/20/12 710
Pat Allen	7/20/12 815		7/20/12 0815

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 101-09 (rev. 27-SEP-10)

Sediment Boring Collection and Analysis Off the Former Aerovox Site Property Shoreline W912WJ-09-D-0001

MANSFIELD CHAIN OF CUSTODY

PAGE 4 OF 7

Date Rec'd in Lab: 7-17-12

ALPHA Job #: L1212918

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Serial_No:0919120

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 8/2/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State / Fed Program Criteria

Other Project Specific Requirements/Comments/Detection Limits:
Project-specific EDD. Homogenize before analysis. Samples must be frozen or analyzed immediately due to hold time

PLEASE NOTE

MS/MSD (at unit cost) will be omitted unless you check here: ☐

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC	Low VOC	SVOC, Total Solid PCB Aroclor	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
L2918 . 9	S-12L-B007-15.5-16.0	7/14/12	1500	SE	DGS	X					2
9	S-12L-B007-15.5-16.0						X				2
9	S-12L-B007-15.5-16.0							X		All 3 analyses	1
9	S-12L-B007-15.5-16.0								X	Archive	1
10	S-12L-B007-19.5-20.0		1520			X					1
10	S-12L-B007-19.5-20.0						X				2
10	S-12L-B007-19.5-20.0							X		All 3 analyses	1
10	S-12L-B007-19.5-20.0								X	Archive	1
11	S-12L-B007-20.5-21.0					X					
11	S-12L-B007-20.5-21.0						X				

Container Type	V	V	A	A
Preservative	F	O	A	A

Relinquished By:	Date/Time	Received By:	Date/Time
Dad Stuart	7/19/12 1730	T. Hudson	7/19/12 1730
T. Hudson	7/19/12 1930	Kate Munn	7/19/12 1930
[signature]	7/19/12 230	Pat Coles	7/20/12 710
Pat Coles	7/20/12 815	[signature]	7/20/12 0815

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 101-09 (rev. 27-SEP-10)

Sediment Boring Collection and Analysis
Off the Former Aerovox Site Property Shoreline
W912WJ-09-D-0001

MANSFIELD CHAIN OF CUSTODY

PAGE 5 OF 7

Date Rec'd in Lab: 7/19/12

ALPHA Job #: L1212918

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM
Serial_No:09191209

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 8/2/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program | Criteria

Other Project Specific Requirements/Comments/Detection Limits:
Project-Specific EDD. Homogenize before analysis, Samples must be
PLEASE NOTE frozen or analyzed immediately due to hold time
MS/MSD (at unit cost) will be omitted unless you check here: ☐

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC	Low VOC	SVOC, Total Solid PCB	PCB Congener (Archive)	SAMPLE HANDLING	Sample Specific Comments	TOTAL # BOTTLES
12918-11	S-12L-B007-20.5-21.0	7/14/12	1520	SE	DGS			X			All 3 analyses	9
11	S-12L-B007-20.5-21.0		1						X		Archive	1
12	S-12L-B007-30.0-30.5		1605			X						1
12	S-12L-B007-30.0-30.5						X					2
12	S-12L-B007-30.0-30.5							X			All 3 analyses	3
12	S-12L-B007-30.0-30.5								X		Archive	1
13	S-12L-B007-32.5-33.0					X						1
13	S-12L-B007-32.5-33.0						X					2
13	S-12L-B007-32.5-33.0							X			All 3 analyses	3
13	S-12L-B007-32.5-33.0								X		Archive	1
	Container Type					V	V	A	A			
	Preservative					F	O	A	A			

SAMPLE HANDLING
Filtration
☐ Done ☐ Not needed ☐ Lab to do
Preservation
☐ Lab to do (Please specify below)

Relinquished By:	Date/Time	Received By:	Date/Time
Dave Walsh	7/19/12 1720		
	7/19/12 1930		7/19/12 1730
	7/19/12 0830		7/20/12 730
	7/20/12 815		7/20/12 0815

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 101-09 (rev. 27-SEP-10)

MANSFIELD CHAIN OF CUSTODY

PAGE 6 OF 7

Date Rec'd in Lab: 7/19/12

ALPHA Job #: L1212918

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr.
East Falmouth
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Serial_No:09191209

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 8/2/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program | Criteria

Other Project Specific Requirements/Comments/Detection Limits:
Project-specific EDD. Homogenize before ~~sampling~~ analysis. Samples must be
PLEASE NOTE ~~frozen~~ or analyzed immediately due to hold time
MS/MSD (at unit cost) will be omitted unless you check here: ☐

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid PCB	PCB Congener (Archive)	Sample Specific Comments	Total # Bottles
12918-14	S-12L-B007-34.5-35.0	7/14/12	1620	SE	DGS	X					2
14	S-12L-B007-34.5-35.0	"	1620	"	"		X				2
14	S-12L-B007-34.5-35.0	"	1620	"	"			X		All 3 analyses	1
14	S-12L-B007-34.5-35.0	"	1620	"	"				X	Archive	1
15	S-12L-B012-0.0-1.5	7/18/12	0755	"	"	X					2
15	S-12L-B012-1.0-1.5	"	"	"	"		X				2
15	S-12L-B012-1.0-1.5	"	"	"	"			X		All 3 analyses	1
15	S-12L-B012-1.0-1.5	"	"	"	"				X	Archive	1
16	S-12L-B012-1.0-1.5 REP	"	"	"	"	X				REP	2
16	S-12L-B012-1.0-1.5 REP	"	"	"	"		X			REP	2
	Container Type					V	V	A	A		
	Preservative					F	O	A	A		

SAMPLE HANDLING
Filtration
☐ Done ☐ Not needed ☐ Lab to do
Preservation
☐ Lab to do (Please specify below)

Relinquished By:	Date/Time	Received By:	Date/Time
Dave Walsh	7/18/12 1730	T. Hyde	7/19/12 1730
T. Hyde	7/19/12 1930	Pat Cole	7/19/12 1930
Pat Cole	7/19/12 2300		7/20/12 2300
Pat Cole	7/20/12 0815		7/20/12 0815

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 101-09 (rev. 27-SEP-10)

MANSFIELD CHAIN OF CUSTODY

PAGE 7 OF 7

Date Rec'd in Lab: 7-19-12

ALPHA Job #: L1212918

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Serial_No:09191208:09

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 8/2/12 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program Criteria

Other Project Specific Requirements/Comments/Detection Limits:
Project-specific EDD. Homogenize before analysis. Samples must be frozen or analyzed immediately due to hold time

PLEASE NOTE
MS/MSD (at unit cost) will be omitted unless you check here: ☐

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
12918 16	S-12L-B012-1.0-1.5 REP	7/18/12	0755	SE	DGS			X		REP, All 3 analyses	1
16	S-12L-B012-1.0-1.5 REP								X	REP, Archive	1
17	S-12L-B012-2.0-2.5					X					1
17	S-12L-B012-2.0-2.5						X				2
17	S-12L-B012-2.0-2.5							X		All 3 analyses	
17	S-12L-B012-2.0-2.5								X	Archive	
18	EB-071912-01	7/19/12	1600	SW	DGS	X				E. Blank spoons	
18	EB-071912-01			SW				X		E. Blank spoons, SVOC + Aroclor	
19	TB-071912-05					X				Trip Blank EB	

Container Type	V	V	A	A
Preservative	F	O	A	A

Relinquished By:	Date/Time	Received By:	Date/Time
Dave Stuart	7/19/12 1730	T. Hudel	7/19/12 1730
T. Hudel	7/19/12 1930	Kate Munn	7/19/12 1930
[illegible]	7/19/12 1230	Pat Cline	7/20/12 7[illegible]
Pat Cline	7/20/12 815	[illegible]	7/20/12 0815

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 101-09 (rev. 27-SEP-10)

Delivery Order 0010-05 April 2013
Sediment Boring Collection and Analysis Off the Former Aerovox Site Property Shoreline W912WJ-09-D-0001
Page 242 of 242

ANALYTICAL REPORT

Lab Number:	L1213000
Client:	Woods Hole Group 81 Technology Park Drive East Falmouth, MA 02536
ATTN:	Dave Walsh
Phone:	(508) 540-8080
Project Name:	NEW BEDFORD AEROVOX
Project Number:	TO-0010-05
Report Date:	08/13/12

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1213000
Report Date: 08/13/12

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1213000-01	TB-072012-01	NEW BEDFORD, MA	07/20/12 07:00
L1213000-02	S-12L-B012-2.5-3.0	NEW BEDFORD, MA	07/18/12 07:55
L1213000-03	S-12L-B012-4.0-4.5	NEW BEDFORD, MA	07/18/12 07:55
L1213000-04	S-12L-B012-6.0-6.5	NEW BEDFORD, MA	07/18/12 08:10
L1213000-05	S-12L-B012-7.0-7.5	NEW BEDFORD, MA	07/18/12 08:10
L1213000-06	S-12L-B012-10.5-11.0	NEW BEDFORD, MA	07/18/12 08:25
L1213000-07	S-12L-B012-13.5-14.0	NEW BEDFORD, MA	07/18/12 08:25
L1213000-08	S-12L-B012-17.0-17.5	NEW BEDFORD, MA	07/18/12 08:50
L1213000-09	S-12L-B012-17.0-17.5 REP	NEW BEDFORD, MA	07/18/12 08:50
L1213000-10	S-12L-B012-18.5-19.0	NEW BEDFORD, MA	07/18/12 08:50
L1213000-11	S-12L-B012-21.0-21.5	NEW BEDFORD, MA	07/18/12 09:30

Project Name:	NEW BEDFORD AEROVOX	**Lab Number:**	L1213000
Project Number:	TO-0010-05	**Report Date:**	08/13/12

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples free of charge for 30 days from the date the project is completed. After 30 days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples.

Please contact Client Services at 800-624-9220 with any questions.

Project Name:	NEW BEDFORD AEROVOX	**Lab Number:**	L1213000
Project Number:	TO-0010-05	**Report Date:**	08/13/12

Case Narrative (continued)

Report Submission

This final report replaces the preliminary report issued, and includes the results of all requested analyses.

Volatile Organics

The WG551186-4/-5 MS/MSD recoveries, performed on L1213000-07, are below the acceptance criteria for Acetone (0%/0%), 1,1,2-Trichloro-1,2,2-Trifluoroethane (0%)/(0%) and Cyclohexane (0%/0%) due to the concentration of these compounds falling below the reported detection limit.

The WG551186-4/-5 MS/MSD recoveries, performed on L1213000-07, were below the acceptance criteria for Trichlorofluoromethane (32%/32%), Bromomethane (42%/39%), and Chloroethane (34%/34%); however, the associated LCS/LCSD recoveries were within criteria. The results of the sample utilized for the MS/MSD are considered to have a potentially low bias for these compounds.

Semivolatile Organics

The WG551154-4/-5 MS/MSD recoveries, performed on L1213000-07, were below the acceptance criteria for Hexachlorocyclopentadiene (0%/39%).

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Cynthia McQueen

Title: Technical Director/Representative Date: 08/13/12

ORGANICS

VOLATILES

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1213000-01	Date Collected:	07/20/12 07:00
Client ID:	TB-072012-01	Date Received:	07/20/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/26/12 01:00		
Analyst:	JL		
Percent Solids:	Results reported on an 'AS RECEIVED' basis.		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	500	--	1
1,1-Dichloroethane	ND		ug/kg	100	--	1
Chloroform	ND		ug/kg	100	--	1
Carbon tetrachloride	ND		ug/kg	100	--	1
1,2-Dichloropropane	ND		ug/kg	200	--	1
Dibromochloromethane	ND		ug/kg	100	--	1
1,1,2-Trichloroethane	ND		ug/kg	100	--	1
Tetrachloroethene	ND		ug/kg	100	--	1
Chlorobenzene	ND		ug/kg	100	--	1
Trichlorofluoromethane	ND		ug/kg	250	--	1
1,2-Dichloroethane	ND		ug/kg	100	--	1
1,1,1-Trichloroethane	ND		ug/kg	100	--	1
Bromodichloromethane	ND		ug/kg	100	--	1
trans-1,3-Dichloropropene	ND		ug/kg	100	--	1
cis-1,3-Dichloropropene	ND		ug/kg	100	--	1
Bromoform	ND		ug/kg	200	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	100	--	1
Benzene	ND		ug/kg	100	--	1
Toluene	ND		ug/kg	100	--	1
Ethylbenzene	ND		ug/kg	100	--	1
Chloromethane	ND		ug/kg	250	--	1
Bromomethane	ND		ug/kg	100	--	1
Vinyl chloride	ND		ug/kg	100	--	1
Chloroethane	ND		ug/kg	100	--	1
1,1-Dichloroethene	ND		ug/kg	100	--	1
trans-1,2-Dichloroethene	ND		ug/kg	100	--	1
Trichloroethene	ND		ug/kg	100	--	1
1,2-Dichlorobenzene	ND		ug/kg	250	--	1
1,3-Dichlorobenzene	ND		ug/kg	250	--	1
1,4-Dichlorobenzene	ND		ug/kg	250	--	1
Methyl tert butyl ether	ND		ug/kg	100	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1213000-01 Date Collected: 07/20/12 07:00

Client ID: TB-072012-01 Date Received: 07/20/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	200	--	1
o-Xylene	ND		ug/kg	200	--	1
Xylenes, Total	ND		ug/kg	200	--	1
cis-1,2-Dichloroethene	ND		ug/kg	100	--	1
Styrene	ND		ug/kg	200	--	1
Dichlorodifluoromethane	ND		ug/kg	500	--	1
Acetone	ND		ug/kg	1800	--	1
Carbon disulfide	ND		ug/kg	500	--	1
2-Butanone	ND		ug/kg	500	--	1
4-Methyl-2-pentanone	ND		ug/kg	500	--	1
2-Hexanone	ND		ug/kg	500	--	1
Bromochloromethane	ND		ug/kg	250	--	1
1,2-Dibromoethane	ND		ug/kg	200	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	--	1
Isopropylbenzene	ND		ug/kg	100	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	250	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	250	--	1
Methyl Acetate	ND		ug/kg	1000	--	1
Cyclohexane	ND		ug/kg	1000	--	1
1,4-Dioxane	ND		ug/kg	5000	--	1
Methyl cyclohexane	ND		ug/kg	200	--	1
Freon-113	ND		ug/kg	1000	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	130		70-130
Toluene-d8	87		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	116		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1213000-02 D
Client ID: S-12L-B012-2.5-3.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment
Analytical Method: 1,8260B
Analytical Date: 07/26/12 01:35
Analyst: JL
Percent Solids: 53%

Date Collected: 07/18/12 07:55
Date Received: 07/20/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	18000	--	10
1,1-Dichloroethane	ND		ug/kg	3600	--	10
Chloroform	ND		ug/kg	3600	--	10
Carbon tetrachloride	ND		ug/kg	3600	--	10
1,2-Dichloropropane	ND		ug/kg	7200	--	10
Dibromochloromethane	ND		ug/kg	3600	--	10
1,1,2-Trichloroethane	ND		ug/kg	3600	--	10
Tetrachloroethene	ND		ug/kg	3600	--	10
Chlorobenzene	ND		ug/kg	3600	--	10
Trichlorofluoromethane	ND		ug/kg	9000	--	10
1,2-Dichloroethane	ND		ug/kg	3600	--	10
1,1,1-Trichloroethane	ND		ug/kg	3600	--	10
Bromodichloromethane	ND		ug/kg	3600	--	10
trans-1,3-Dichloropropene	ND		ug/kg	3600	--	10
cis-1,3-Dichloropropene	ND		ug/kg	3600	--	10
Bromoform	ND		ug/kg	7200	--	10
1,1,2,2-Tetrachloroethane	ND		ug/kg	3600	--	10
Benzene	ND		ug/kg	3600	--	10
Toluene	ND		ug/kg	3600	--	10
Ethylbenzene	ND		ug/kg	3600	--	10
Chloromethane	ND		ug/kg	9000	--	10
Bromomethane	5400		ug/kg	3600	--	10
Vinyl chloride	18000		ug/kg	3600	--	10
Chloroethane	ND		ug/kg	3600	--	10
1,1-Dichloroethene	ND		ug/kg	3600	--	10
trans-1,2-Dichloroethene	ND		ug/kg	3600	--	10
Trichloroethene	ND		ug/kg	3600	--	10
1,2-Dichlorobenzene	ND		ug/kg	9000	--	10
1,3-Dichlorobenzene	ND		ug/kg	9000	--	10
1,4-Dichlorobenzene	ND		ug/kg	9000	--	10
Methyl tert butyl ether	ND		ug/kg	3600	--	10

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1213000-02 D Date Collected: 07/18/12 07:55

Client ID: S-12L-B012-2.5-3.0 Date Received: 07/20/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	7200	--	10
o-Xylene	ND		ug/kg	7200	--	10
Xylenes, Total	ND		ug/kg	7200	--	10
cis-1,2-Dichloroethene	190000		ug/kg	3600	--	10
Styrene	ND		ug/kg	7200	--	10
Dichlorodifluoromethane	ND		ug/kg	18000	--	10
Acetone	ND		ug/kg	64000	--	10
Carbon disulfide	ND		ug/kg	18000	--	10
2-Butanone	ND		ug/kg	18000	--	10
4-Methyl-2-pentanone	ND		ug/kg	18000	--	10
2-Hexanone	ND		ug/kg	18000	--	10
Bromochloromethane	ND		ug/kg	9000	--	10
1,2-Dibromoethane	ND		ug/kg	7200	--	10
1,2-Dibromo-3-chloropropane	ND		ug/kg	9000	--	10
Isopropylbenzene	ND		ug/kg	3600	--	10
1,2,3-Trichlorobenzene	ND		ug/kg	9000	--	10
1,2,4-Trichlorobenzene	ND		ug/kg	9000	--	10
Methyl Acetate	ND		ug/kg	36000	--	10
Cyclohexane	ND		ug/kg	36000	--	10
1,4-Dioxane	ND		ug/kg	180000	--	10
Methyl cyclohexane	ND		ug/kg	7200	--	10
Freon-113	ND		ug/kg	36000	--	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	111		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1213000-03 D	Date Collected:	07/18/12 07:55
Client ID:	S-12L-B012-4.0-4.5	Date Received:	07/20/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/26/12 16:09		
Analyst:	BN		
Percent Solids:	78%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	2200	--	2
1,1-Dichloroethane	ND		ug/kg	440	--	2
Chloroform	ND		ug/kg	440	--	2
Carbon tetrachloride	ND		ug/kg	440	--	2
1,2-Dichloropropane	ND		ug/kg	880	--	2
Dibromochloromethane	ND		ug/kg	440	--	2
1,1,2-Trichloroethane	ND		ug/kg	440	--	2
Tetrachloroethene	ND		ug/kg	440	--	2
Chlorobenzene	ND		ug/kg	440	--	2
Trichlorofluoromethane	ND		ug/kg	1100	--	2
1,2-Dichloroethane	ND		ug/kg	440	--	2
1,1,1-Trichloroethane	ND		ug/kg	440	--	2
Bromodichloromethane	ND		ug/kg	440	--	2
trans-1,3-Dichloropropene	ND		ug/kg	440	--	2
cis-1,3-Dichloropropene	ND		ug/kg	440	--	2
Bromoform	ND		ug/kg	880	--	2
1,1,2,2-Tetrachloroethane	ND		ug/kg	440	--	2
Benzene	ND		ug/kg	440	--	2
Toluene	ND		ug/kg	440	--	2
Ethylbenzene	2200		ug/kg	440	--	2
Chloromethane	ND		ug/kg	1100	--	2
Bromomethane	ND		ug/kg	440	--	2
Vinyl chloride	ND		ug/kg	440	--	2
Chloroethane	ND		ug/kg	440	--	2
1,1-Dichloroethene	ND		ug/kg	440	--	2
trans-1,2-Dichloroethene	ND		ug/kg	440	--	2
Trichloroethene	ND		ug/kg	440	--	2
1,2-Dichlorobenzene	ND		ug/kg	1100	--	2
1,3-Dichlorobenzene	ND		ug/kg	1100	--	2
1,4-Dichlorobenzene	ND		ug/kg	1100	--	2
Methyl tert butyl ether	ND		ug/kg	440	--	2

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1213000-03 D Date Collected: 07/18/12 07:55

Client ID: S-12L-B012-4.0-4.5 Date Received: 07/20/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	880	--	2
o-Xylene	ND		ug/kg	880	--	2
Xylenes, Total	ND		ug/kg	880	--	2
cis-1,2-Dichloroethene	29000		ug/kg	440	--	2
Styrene	ND		ug/kg	880	--	2
Dichlorodifluoromethane	ND		ug/kg	2200	--	2
Acetone	ND		ug/kg	7900	--	2
Carbon disulfide	ND		ug/kg	2200	--	2
2-Butanone	ND		ug/kg	2200	--	2
4-Methyl-2-pentanone	ND		ug/kg	2200	--	2
2-Hexanone	ND		ug/kg	2200	--	2
Bromochloromethane	ND		ug/kg	1100	--	2
1,2-Dibromoethane	ND		ug/kg	880	--	2
1,2-Dibromo-3-chloropropane	ND		ug/kg	1100	--	2
Isopropylbenzene	ND		ug/kg	440	--	2
1,2,3-Trichlorobenzene	ND		ug/kg	1100	--	2
1,2,4-Trichlorobenzene	ND		ug/kg	1100	--	2
Methyl Acetate	ND		ug/kg	4400	--	2
Cyclohexane	ND		ug/kg	4400	--	2
1,4-Dioxane	ND		ug/kg	22000	--	2
Methyl cyclohexane	ND		ug/kg	880	--	2
Freon-113	ND		ug/kg	4400	--	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	111		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	96		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1213000-04	Date Collected:	07/18/12 08:10
Client ID:	S-12L-B012-6.0-6.5	Date Received:	07/20/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/26/12 02:44		
Analyst:	JL		
Percent Solids:	81%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	1100	--	1
1,1-Dichloroethane	ND		ug/kg	210	--	1
Chloroform	ND		ug/kg	210	--	1
Carbon tetrachloride	ND		ug/kg	210	--	1
1,2-Dichloropropane	ND		ug/kg	430	--	1
Dibromochloromethane	ND		ug/kg	210	--	1
1,1,2-Trichloroethane	ND		ug/kg	210	--	1
Tetrachloroethene	ND		ug/kg	210	--	1
Chlorobenzene	ND		ug/kg	210	--	1
Trichlorofluoromethane	ND		ug/kg	540	--	1
1,2-Dichloroethane	ND		ug/kg	210	--	1
1,1,1-Trichloroethane	ND		ug/kg	210	--	1
Bromodichloromethane	ND		ug/kg	210	--	1
trans-1,3-Dichloropropene	ND		ug/kg	210	--	1
cis-1,3-Dichloropropene	ND		ug/kg	210	--	1
Bromoform	ND		ug/kg	430	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	210	--	1
Benzene	ND		ug/kg	210	--	1
Toluene	ND		ug/kg	210	--	1
Ethylbenzene	1300		ug/kg	210	--	1
Chloromethane	ND		ug/kg	540	--	1
Bromomethane	ND		ug/kg	210	--	1
Vinyl chloride	520		ug/kg	210	--	1
Chloroethane	ND		ug/kg	210	--	1
1,1-Dichloroethene	ND		ug/kg	210	--	1
trans-1,2-Dichloroethene	ND		ug/kg	210	--	1
Trichloroethene	2100		ug/kg	210	--	1
1,2-Dichlorobenzene	ND		ug/kg	540	--	1
1,3-Dichlorobenzene	1000		ug/kg	540	--	1
1,4-Dichlorobenzene	2200		ug/kg	540	--	1
Methyl tert butyl ether	ND		ug/kg	210	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1213000-04 Date Collected: 07/18/12 08:10

Client ID: S-12L-B012-6.0-6.5 Date Received: 07/20/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	430	--	1
o-Xylene	ND		ug/kg	430	--	1
Xylenes, Total	ND		ug/kg	430	--	1
cis-1,2-Dichloroethene	9800		ug/kg	210	--	1
Styrene	ND		ug/kg	430	--	1
Dichlorodifluoromethane	ND		ug/kg	1100	--	1
Acetone	ND		ug/kg	3800	--	1
Carbon disulfide	ND		ug/kg	1100	--	1
2-Butanone	ND		ug/kg	1100	--	1
4-Methyl-2-pentanone	ND		ug/kg	1100	--	1
2-Hexanone	ND		ug/kg	1100	--	1
Bromochloromethane	ND		ug/kg	540	--	1
1,2-Dibromoethane	ND		ug/kg	430	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	540	--	1
Isopropylbenzene	ND		ug/kg	210	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	540	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	540	--	1
Methyl Acetate	ND		ug/kg	2100	--	1
Cyclohexane	ND		ug/kg	2100	--	1
1,4-Dioxane	ND		ug/kg	11000	--	1
Methyl cyclohexane	ND		ug/kg	430	--	1
Freon-113	ND		ug/kg	2100	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	130		70-130
Toluene-d8	86		70-130
4-Bromofluorobenzene	85		70-130
Dibromofluoromethane	112		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1213000-05	Date Collected:	07/18/12 08:10
Client ID:	S-12L-B012-7.0-7.5	Date Received:	07/20/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/26/12 03:19		
Analyst:	JL		
Percent Solids:	89%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	2200	--	1
1,1-Dichloroethane	ND		ug/kg	430	--	1
Chloroform	ND		ug/kg	430	--	1
Carbon tetrachloride	ND		ug/kg	430	--	1
1,2-Dichloropropane	ND		ug/kg	870	--	1
Dibromochloromethane	ND		ug/kg	430	--	1
1,1,2-Trichloroethane	ND		ug/kg	430	--	1
Tetrachloroethene	ND		ug/kg	430	--	1
Chlorobenzene	ND		ug/kg	430	--	1
Trichlorofluoromethane	ND		ug/kg	1100	--	1
1,2-Dichloroethane	ND		ug/kg	430	--	1
1,1,1-Trichloroethane	ND		ug/kg	430	--	1
Bromodichloromethane	ND		ug/kg	430	--	1
trans-1,3-Dichloropropene	ND		ug/kg	430	--	1
cis-1,3-Dichloropropene	ND		ug/kg	430	--	1
Bromoform	ND		ug/kg	870	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	430	--	1
Benzene	ND		ug/kg	430	--	1
Toluene	ND		ug/kg	430	--	1
Ethylbenzene	ND		ug/kg	430	--	1
Chloromethane	ND		ug/kg	1100	--	1
Bromomethane	ND		ug/kg	430	--	1
Vinyl chloride	ND		ug/kg	430	--	1
Chloroethane	ND		ug/kg	430	--	1
1,1-Dichloroethene	ND		ug/kg	430	--	1
trans-1,2-Dichloroethene	ND		ug/kg	430	--	1
Trichloroethene	520		ug/kg	430	--	1
1,2-Dichlorobenzene	ND		ug/kg	1100	--	1
1,3-Dichlorobenzene	ND		ug/kg	1100	--	1
1,4-Dichlorobenzene	ND		ug/kg	1100	--	1
Methyl tert butyl ether	ND		ug/kg	430	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1213000-05 Date Collected: 07/18/12 08:10

Client ID: S-12L-B012-7.0-7.5 Date Received: 07/20/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	870	--	1
o-Xylene	ND		ug/kg	870	--	1
Xylenes, Total	ND		ug/kg	870	--	1
cis-1,2-Dichloroethene	2700		ug/kg	430	--	1
Styrene	ND		ug/kg	870	--	1
Dichlorodifluoromethane	ND		ug/kg	2200	--	1
Acetone	ND		ug/kg	7800	--	1
Carbon disulfide	ND		ug/kg	2200	--	1
2-Butanone	ND		ug/kg	2200	--	1
4-Methyl-2-pentanone	ND		ug/kg	2200	--	1
2-Hexanone	ND		ug/kg	2200	--	1
Bromochloromethane	ND		ug/kg	1100	--	1
1,2-Dibromoethane	ND		ug/kg	870	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	1100	--	1
Isopropylbenzene	ND		ug/kg	430	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	1100	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	1100	--	1
Methyl Acetate	ND		ug/kg	4300	--	1
Cyclohexane	ND		ug/kg	4300	--	1
1,4-Dioxane	ND		ug/kg	22000	--	1
Methyl cyclohexane	ND		ug/kg	870	--	1
Freon-113	ND		ug/kg	4300	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	130		70-130
Toluene-d8	87		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	110		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1213000-06	Date Collected:	07/18/12 08:25
Client ID:	S-12L-B012-10.5-11.0	Date Received:	07/20/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/26/12 16:36		
Analyst:	BN		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	820	--	1
1,1-Dichloroethane	ND		ug/kg	160	--	1
Chloroform	ND		ug/kg	160	--	1
Carbon tetrachloride	ND		ug/kg	160	--	1
1,2-Dichloropropane	ND		ug/kg	330	--	1
Dibromochloromethane	ND		ug/kg	160	--	1
1,1,2-Trichloroethane	ND		ug/kg	160	--	1
Tetrachloroethene	ND		ug/kg	160	--	1
Chlorobenzene	ND		ug/kg	160	--	1
Trichlorofluoromethane	ND		ug/kg	410	--	1
1,2-Dichloroethane	ND		ug/kg	160	--	1
1,1,1-Trichloroethane	ND		ug/kg	160	--	1
Bromodichloromethane	ND		ug/kg	160	--	1
trans-1,3-Dichloropropene	ND		ug/kg	160	--	1
cis-1,3-Dichloropropene	ND		ug/kg	160	--	1
Bromoform	ND		ug/kg	330	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	160	--	1
Benzene	ND		ug/kg	160	--	1
Toluene	ND		ug/kg	160	--	1
Ethylbenzene	ND		ug/kg	160	--	1
Chloromethane	ND		ug/kg	410	--	1
Bromomethane	ND		ug/kg	160	--	1
Vinyl chloride	ND		ug/kg	160	--	1
Chloroethane	ND		ug/kg	160	--	1
1,1-Dichloroethene	ND		ug/kg	160	--	1
trans-1,2-Dichloroethene	ND		ug/kg	160	--	1
Trichloroethene	320		ug/kg	160	--	1
1,2-Dichlorobenzene	ND		ug/kg	410	--	1
1,3-Dichlorobenzene	ND		ug/kg	410	--	1
1,4-Dichlorobenzene	ND		ug/kg	410	--	1
Methyl tert butyl ether	ND		ug/kg	160	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1213000-06 Date Collected: 07/18/12 08:25

Client ID: S-12L-B012-10.5-11.0 Date Received: 07/20/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	330	--	1
o-Xylene	ND		ug/kg	330	--	1
Xylenes, Total	ND		ug/kg	330	--	1
cis-1,2-Dichloroethene	860		ug/kg	160	--	1
Styrene	ND		ug/kg	330	--	1
Dichlorodifluoromethane	ND		ug/kg	820	--	1
Acetone	ND		ug/kg	3000	--	1
Carbon disulfide	ND		ug/kg	820	--	1
2-Butanone	ND		ug/kg	820	--	1
4-Methyl-2-pentanone	ND		ug/kg	820	--	1
2-Hexanone	ND		ug/kg	820	--	1
Bromochloromethane	ND		ug/kg	410	--	1
1,2-Dibromoethane	ND		ug/kg	330	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	410	--	1
Isopropylbenzene	ND		ug/kg	160	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	410	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	410	--	1
Methyl Acetate	ND		ug/kg	1600	--	1
Cyclohexane	ND		ug/kg	1600	--	1
1,4-Dioxane	ND		ug/kg	8200	--	1
Methyl cyclohexane	ND		ug/kg	330	--	1
Freon-113	ND		ug/kg	1600	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	110		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	96		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1213000-07	Date Collected:	07/18/12 08:25
Client ID:	S-12L-B012-13.5-14.0	Date Received:	07/20/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/26/12 17:03		
Analyst:	BN		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	810	--	1
1,1-Dichloroethane	ND		ug/kg	160	--	1
Chloroform	ND		ug/kg	160	--	1
Carbon tetrachloride	ND		ug/kg	160	--	1
1,2-Dichloropropane	ND		ug/kg	320	--	1
Dibromochloromethane	ND		ug/kg	160	--	1
1,1,2-Trichloroethane	ND		ug/kg	160	--	1
Tetrachloroethene	ND		ug/kg	160	--	1
Chlorobenzene	ND		ug/kg	160	--	1
Trichlorofluoromethane	ND		ug/kg	400	--	1
1,2-Dichloroethane	ND		ug/kg	160	--	1
1,1,1-Trichloroethane	ND		ug/kg	160	--	1
Bromodichloromethane	ND		ug/kg	160	--	1
trans-1,3-Dichloropropene	ND		ug/kg	160	--	1
cis-1,3-Dichloropropene	ND		ug/kg	160	--	1
Bromoform	ND		ug/kg	320	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	160	--	1
Benzene	ND		ug/kg	160	--	1
Toluene	ND		ug/kg	160	--	1
Ethylbenzene	ND		ug/kg	160	--	1
Chloromethane	ND		ug/kg	400	--	1
Bromomethane	ND		ug/kg	160	--	1
Vinyl chloride	ND		ug/kg	160	--	1
Chloroethane	ND		ug/kg	160	--	1
1,1-Dichloroethene	ND		ug/kg	160	--	1
trans-1,2-Dichloroethene	ND		ug/kg	160	--	1
Trichloroethene	590		ug/kg	160	--	1
1,2-Dichlorobenzene	ND		ug/kg	400	--	1
1,3-Dichlorobenzene	ND		ug/kg	400	--	1
1,4-Dichlorobenzene	ND		ug/kg	400	--	1
Methyl tert butyl ether	ND		ug/kg	160	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1213000-07 Date Collected: 07/18/12 08:25

Client ID: S-12L-B012-13.5-14.0 Date Received: 07/20/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	320	--	1
o-Xylene	ND		ug/kg	320	--	1
Xylenes, Total	ND		ug/kg	320	--	1
cis-1,2-Dichloroethene	ND		ug/kg	160	--	1
Styrene	ND		ug/kg	320	--	1
Dichlorodifluoromethane	ND		ug/kg	810	--	1
Acetone	ND		ug/kg	2900	--	1
Carbon disulfide	ND		ug/kg	810	--	1
2-Butanone	ND		ug/kg	810	--	1
4-Methyl-2-pentanone	ND		ug/kg	810	--	1
2-Hexanone	ND		ug/kg	810	--	1
Bromochloromethane	ND		ug/kg	400	--	1
1,2-Dibromoethane	ND		ug/kg	320	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	400	--	1
Isopropylbenzene	ND		ug/kg	160	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	400	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	400	--	1
Methyl Acetate	ND		ug/kg	1600	--	1
Cyclohexane	ND		ug/kg	1600	--	1
1,4-Dioxane	ND		ug/kg	8100	--	1
Methyl cyclohexane	ND		ug/kg	320	--	1
Freon-113	ND		ug/kg	1600	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	113		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	96		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1213000-08	Date Collected:	07/18/12 08:50
Client ID:	S-12L-B012-17.0-17.5	Date Received:	07/20/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/26/12 06:12		
Analyst:	JL		
Percent Solids:	92%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	760	--	1
1,1-Dichloroethane	ND		ug/kg	150	--	1
Chloroform	ND		ug/kg	150	--	1
Carbon tetrachloride	ND		ug/kg	150	--	1
1,2-Dichloropropane	ND		ug/kg	300	--	1
Dibromochloromethane	ND		ug/kg	150	--	1
1,1,2-Trichloroethane	ND		ug/kg	150	--	1
Tetrachloroethene	ND		ug/kg	150	--	1
Chlorobenzene	ND		ug/kg	150	--	1
Trichlorofluoromethane	ND		ug/kg	380	--	1
1,2-Dichloroethane	ND		ug/kg	150	--	1
1,1,1-Trichloroethane	ND		ug/kg	150	--	1
Bromodichloromethane	ND		ug/kg	150	--	1
trans-1,3-Dichloropropene	ND		ug/kg	150	--	1
cis-1,3-Dichloropropene	ND		ug/kg	150	--	1
Bromoform	ND		ug/kg	300	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	150	--	1
Benzene	ND		ug/kg	150	--	1
Toluene	ND		ug/kg	150	--	1
Ethylbenzene	ND		ug/kg	150	--	1
Chloromethane	ND		ug/kg	380	--	1
Bromomethane	ND		ug/kg	150	--	1
Vinyl chloride	ND		ug/kg	150	--	1
Chloroethane	ND		ug/kg	150	--	1
1,1-Dichloroethene	ND		ug/kg	150	--	1
trans-1,2-Dichloroethene	ND		ug/kg	150	--	1
Trichloroethene	1500		ug/kg	150	--	1
1,2-Dichlorobenzene	ND		ug/kg	380	--	1
1,3-Dichlorobenzene	ND		ug/kg	380	--	1
1,4-Dichlorobenzene	ND		ug/kg	380	--	1
Methyl tert butyl ether	ND		ug/kg	150	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1213000-08 Date Collected: 07/18/12 08:50

Client ID: S-12L-B012-17.0-17.5 Date Received: 07/20/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	300	--	1
o-Xylene	ND		ug/kg	300	--	1
Xylenes, Total	ND		ug/kg	300	--	1
cis-1,2-Dichloroethene	ND		ug/kg	150	--	1
Styrene	ND		ug/kg	300	--	1
Dichlorodifluoromethane	ND		ug/kg	760	--	1
Acetone	ND		ug/kg	2700	--	1
Carbon disulfide	ND		ug/kg	760	--	1
2-Butanone	ND		ug/kg	760	--	1
4-Methyl-2-pentanone	ND		ug/kg	760	--	1
2-Hexanone	ND		ug/kg	760	--	1
Bromochloromethane	ND		ug/kg	380	--	1
1,2-Dibromoethane	ND		ug/kg	300	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	380	--	1
Isopropylbenzene	ND		ug/kg	150	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	380	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	380	--	1
Methyl Acetate	ND		ug/kg	1500	--	1
Cyclohexane	ND		ug/kg	1500	--	1
1,4-Dioxane	ND		ug/kg	7600	--	1
Methyl cyclohexane	ND		ug/kg	300	--	1
Freon-113	ND		ug/kg	1500	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	124		70-130
Toluene-d8	87		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	98		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1213000-09	Date Collected:	07/18/12 08:50
Client ID:	S-12L-B012-17.0-17.5 REP	Date Received:	07/20/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/26/12 06:47		
Analyst:	JL		
Percent Solids:	91%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	590	--	1
1,1-Dichloroethane	ND		ug/kg	120	--	1
Chloroform	ND		ug/kg	120	--	1
Carbon tetrachloride	ND		ug/kg	120	--	1
1,2-Dichloropropane	ND		ug/kg	240	--	1
Dibromochloromethane	ND		ug/kg	120	--	1
1,1,2-Trichloroethane	ND		ug/kg	120	--	1
Tetrachloroethene	ND		ug/kg	120	--	1
Chlorobenzene	ND		ug/kg	120	--	1
Trichlorofluoromethane	ND		ug/kg	290	--	1
1,2-Dichloroethane	ND		ug/kg	120	--	1
1,1,1-Trichloroethane	ND		ug/kg	120	--	1
Bromodichloromethane	ND		ug/kg	120	--	1
trans-1,3-Dichloropropene	ND		ug/kg	120	--	1
cis-1,3-Dichloropropene	ND		ug/kg	120	--	1
Bromoform	ND		ug/kg	240	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	120	--	1
Benzene	ND		ug/kg	120	--	1
Toluene	ND		ug/kg	120	--	1
Ethylbenzene	ND		ug/kg	120	--	1
Chloromethane	ND		ug/kg	290	--	1
Bromomethane	ND		ug/kg	120	--	1
Vinyl chloride	ND		ug/kg	120	--	1
Chloroethane	ND		ug/kg	120	--	1
1,1-Dichloroethene	ND		ug/kg	120	--	1
trans-1,2-Dichloroethene	ND		ug/kg	120	--	1
Trichloroethene	1600		ug/kg	120	--	1
1,2-Dichlorobenzene	ND		ug/kg	290	--	1
1,3-Dichlorobenzene	ND		ug/kg	290	--	1
1,4-Dichlorobenzene	ND		ug/kg	290	--	1
Methyl tert butyl ether	ND		ug/kg	120	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1213000-09 Date Collected: 07/18/12 08:50

Client ID: S-12L-B012-17.0-17.5 REP Date Received: 07/20/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	240	--	1
o-Xylene	ND		ug/kg	240	--	1
Xylenes, Total	ND		ug/kg	240	--	1
cis-1,2-Dichloroethene	ND		ug/kg	120	--	1
Styrene	ND		ug/kg	240	--	1
Dichlorodifluoromethane	ND		ug/kg	590	--	1
Acetone	ND		ug/kg	2100	--	1
Carbon disulfide	ND		ug/kg	590	--	1
2-Butanone	ND		ug/kg	590	--	1
4-Methyl-2-pentanone	ND		ug/kg	590	--	1
2-Hexanone	ND		ug/kg	590	--	1
Bromochloromethane	ND		ug/kg	290	--	1
1,2-Dibromoethane	ND		ug/kg	240	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	290	--	1
Isopropylbenzene	ND		ug/kg	120	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	290	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	290	--	1
Methyl Acetate	ND		ug/kg	1200	--	1
Cyclohexane	ND		ug/kg	1200	--	1
1,4-Dioxane	ND		ug/kg	5900	--	1
Methyl cyclohexane	ND		ug/kg	240	--	1
Freon-113	ND		ug/kg	1200	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	128		70-130
Toluene-d8	85		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	98		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1213000-10	Date Collected:	07/18/12 08:50
Client ID:	S-12L-B012-18.5-19.0	Date Received:	07/20/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/26/12 07:22		
Analyst:	JL		
Percent Solids:	89%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	1000	--	1
1,1-Dichloroethane	ND		ug/kg	200	--	1
Chloroform	ND		ug/kg	200	--	1
Carbon tetrachloride	ND		ug/kg	200	--	1
1,2-Dichloropropane	ND		ug/kg	400	--	1
Dibromochloromethane	ND		ug/kg	200	--	1
1,1,2-Trichloroethane	ND		ug/kg	200	--	1
Tetrachloroethene	ND		ug/kg	200	--	1
Chlorobenzene	ND		ug/kg	200	--	1
Trichlorofluoromethane	ND		ug/kg	500	--	1
1,2-Dichloroethane	ND		ug/kg	200	--	1
1,1,1-Trichloroethane	ND		ug/kg	200	--	1
Bromodichloromethane	ND		ug/kg	200	--	1
trans-1,3-Dichloropropene	ND		ug/kg	200	--	1
cis-1,3-Dichloropropene	ND		ug/kg	200	--	1
Bromoform	ND		ug/kg	400	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	200	--	1
Benzene	ND		ug/kg	200	--	1
Toluene	ND		ug/kg	200	--	1
Ethylbenzene	ND		ug/kg	200	--	1
Chloromethane	ND		ug/kg	500	--	1
Bromomethane	ND		ug/kg	200	--	1
Vinyl chloride	ND		ug/kg	200	--	1
Chloroethane	ND		ug/kg	200	--	1
1,1-Dichloroethene	ND		ug/kg	200	--	1
trans-1,2-Dichloroethene	ND		ug/kg	200	--	1
Trichloroethene	1600		ug/kg	200	--	1
1,2-Dichlorobenzene	ND		ug/kg	500	--	1
1,3-Dichlorobenzene	ND		ug/kg	500	--	1
1,4-Dichlorobenzene	ND		ug/kg	500	--	1
Methyl tert butyl ether	ND		ug/kg	200	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1213000-10 Date Collected: 07/18/12 08:50

Client ID: S-12L-B012-18.5-19.0 Date Received: 07/20/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	400	--	1
o-Xylene	ND		ug/kg	400	--	1
Xylenes, Total	ND		ug/kg	400	--	1
cis-1,2-Dichloroethene	ND		ug/kg	200	--	1
Styrene	ND		ug/kg	400	--	1
Dichlorodifluoromethane	ND		ug/kg	1000	--	1
Acetone	ND		ug/kg	3600	--	1
Carbon disulfide	ND		ug/kg	1000	--	1
2-Butanone	ND		ug/kg	1000	--	1
4-Methyl-2-pentanone	ND		ug/kg	1000	--	1
2-Hexanone	ND		ug/kg	1000	--	1
Bromochloromethane	ND		ug/kg	500	--	1
1,2-Dibromoethane	ND		ug/kg	400	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	500	--	1
Isopropylbenzene	ND		ug/kg	200	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	500	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	500	--	1
Methyl Acetate	ND		ug/kg	2000	--	1
Cyclohexane	ND		ug/kg	2000	--	1
1,4-Dioxane	ND		ug/kg	10000	--	1
Methyl cyclohexane	ND		ug/kg	400	--	1
Freon-113	ND		ug/kg	2000	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	129		70-130
Toluene-d8	87		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	98		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1213000-11	Date Collected:	07/18/12 09:30
Client ID:	S-12L-B012-21.0-21.5	Date Received:	07/20/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment		
Analytical Method:	1,8260B		
Analytical Date:	07/26/12 18:25		
Analyst:	BN		
Percent Solids:	82%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	910	--	1
1,1-Dichloroethane	ND		ug/kg	180	--	1
Chloroform	ND		ug/kg	180	--	1
Carbon tetrachloride	ND		ug/kg	180	--	1
1,2-Dichloropropane	ND		ug/kg	360	--	1
Dibromochloromethane	ND		ug/kg	180	--	1
1,1,2-Trichloroethane	ND		ug/kg	180	--	1
Tetrachloroethene	ND		ug/kg	180	--	1
Chlorobenzene	ND		ug/kg	180	--	1
Trichlorofluoromethane	ND		ug/kg	460	--	1
1,2-Dichloroethane	ND		ug/kg	180	--	1
1,1,1-Trichloroethane	ND		ug/kg	180	--	1
Bromodichloromethane	ND		ug/kg	180	--	1
trans-1,3-Dichloropropene	ND		ug/kg	180	--	1
cis-1,3-Dichloropropene	ND		ug/kg	180	--	1
Bromoform	ND		ug/kg	360	--	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	180	--	1
Benzene	ND		ug/kg	180	--	1
Toluene	ND		ug/kg	180	--	1
Ethylbenzene	ND		ug/kg	180	--	1
Chloromethane	ND		ug/kg	460	--	1
Bromomethane	ND		ug/kg	180	--	1
Vinyl chloride	ND		ug/kg	180	--	1
Chloroethane	ND		ug/kg	180	--	1
1,1-Dichloroethene	ND		ug/kg	180	--	1
trans-1,2-Dichloroethene	ND		ug/kg	180	--	1
Trichloroethene	970		ug/kg	180	--	1
1,2-Dichlorobenzene	ND		ug/kg	460	--	1
1,3-Dichlorobenzene	ND		ug/kg	460	--	1
1,4-Dichlorobenzene	ND		ug/kg	460	--	1
Methyl tert butyl ether	ND		ug/kg	180	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1213000-11 Date Collected: 07/18/12 09:30

Client ID: S-12L-B012-21.0-21.5 Date Received: 07/20/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS-5035 - Westborough Lab						
p/m-Xylene	ND		ug/kg	360	--	1
o-Xylene	ND		ug/kg	360	--	1
Xylenes, Total	ND		ug/kg	360	--	1
cis-1,2-Dichloroethene	ND		ug/kg	180	--	1
Styrene	ND		ug/kg	360	--	1
Dichlorodifluoromethane	ND		ug/kg	910	--	1
Acetone	ND		ug/kg	3300	--	1
Carbon disulfide	ND		ug/kg	910	--	1
2-Butanone	ND		ug/kg	910	--	1
4-Methyl-2-pentanone	ND		ug/kg	910	--	1
2-Hexanone	ND		ug/kg	910	--	1
Bromochloromethane	ND		ug/kg	460	--	1
1,2-Dibromoethane	ND		ug/kg	360	--	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	460	--	1
Isopropylbenzene	ND		ug/kg	180	--	1
1,2,3-Trichlorobenzene	ND		ug/kg	460	--	1
1,2,4-Trichlorobenzene	ND		ug/kg	460	--	1
Methyl Acetate	ND		ug/kg	1800	--	1
Cyclohexane	ND		ug/kg	1800	--	1
1,4-Dioxane	ND		ug/kg	9100	--	1
Methyl cyclohexane	ND		ug/kg	360	--	1
Freon-113	ND		ug/kg	1800	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	111		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	96		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/26/12 08:55
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 03,06-07,11 Batch: WG551186-3					
Methylene chloride	ND		ug/kg	500	--
1,1-Dichloroethane	ND		ug/kg	100	--
Chloroform	ND		ug/kg	100	--
Carbon tetrachloride	ND		ug/kg	100	--
1,2-Dichloropropane	ND		ug/kg	200	--
Dibromochloromethane	ND		ug/kg	100	--
1,1,2-Trichloroethane	ND		ug/kg	100	--
Tetrachloroethene	ND		ug/kg	100	--
Chlorobenzene	ND		ug/kg	100	--
Trichlorofluoromethane	ND		ug/kg	250	--
1,2-Dichloroethane	ND		ug/kg	100	--
1,1,1-Trichloroethane	ND		ug/kg	100	--
Bromodichloromethane	ND		ug/kg	100	--
trans-1,3-Dichloropropene	ND		ug/kg	100	--
cis-1,3-Dichloropropene	ND		ug/kg	100	--
Bromoform	ND		ug/kg	200	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	100	--
Benzene	ND		ug/kg	100	--
Toluene	ND		ug/kg	100	--
Ethylbenzene	ND		ug/kg	100	--
Chloromethane	ND		ug/kg	250	--
Bromomethane	ND		ug/kg	100	--
Vinyl chloride	ND		ug/kg	100	--
Chloroethane	ND		ug/kg	100	--
1,1-Dichloroethene	ND		ug/kg	100	--
trans-1,2-Dichloroethene	ND		ug/kg	100	--
Trichloroethene	ND		ug/kg	100	--
1,2-Dichlorobenzene	ND		ug/kg	250	--
1,3-Dichlorobenzene	ND		ug/kg	250	--
1,4-Dichlorobenzene	ND		ug/kg	250	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/26/12 08:55
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 03,06-07,11 Batch: WG551186-3					
Methyl tert butyl ether	ND		ug/kg	100	--
p/m-Xylene	ND		ug/kg	200	--
o-Xylene	ND		ug/kg	200	--
Xylenes, Total	ND		ug/kg	200	--
cis-1,2-Dichloroethene	ND		ug/kg	100	--
Styrene	ND		ug/kg	200	--
Dichlorodifluoromethane	ND		ug/kg	500	--
Acetone	ND		ug/kg	1800	--
Carbon disulfide	ND		ug/kg	500	--
2-Butanone	ND		ug/kg	500	--
4-Methyl-2-pentanone	ND		ug/kg	500	--
2-Hexanone	ND		ug/kg	500	--
Bromochloromethane	ND		ug/kg	250	--
1,2-Dibromoethane	ND		ug/kg	200	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	--
Isopropylbenzene	ND		ug/kg	100	--
1,2,3-Trichlorobenzene	ND		ug/kg	250	--
1,2,4-Trichlorobenzene	ND		ug/kg	250	--
Methyl Acetate	ND		ug/kg	1000	--
Cyclohexane	ND		ug/kg	1000	--
1,4-Dioxane	ND		ug/kg	5000	--
Methyl cyclohexane	ND		ug/kg	200	--
Freon-113	ND		ug/kg	1000	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/26/12 08:55
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 03,06-07,11 Batch: WG551186-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	112		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	99		70-130

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/25/12 21:34
Analyst: JL

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 01-02,04-05,08-10 Batch: WG551200-3					
Methylene chloride	ND		ug/kg	500	--
1,1-Dichloroethane	ND		ug/kg	100	--
Chloroform	ND		ug/kg	100	--
Carbon tetrachloride	ND		ug/kg	100	--
1,2-Dichloropropane	ND		ug/kg	200	--
Dibromochloromethane	ND		ug/kg	100	--
1,1,2-Trichloroethane	ND		ug/kg	100	--
Tetrachloroethene	ND		ug/kg	100	--
Chlorobenzene	ND		ug/kg	100	--
Trichlorofluoromethane	ND		ug/kg	250	--
1,2-Dichloroethane	ND		ug/kg	100	--
1,1,1-Trichloroethane	ND		ug/kg	100	--
Bromodichloromethane	ND		ug/kg	100	--
trans-1,3-Dichloropropene	ND		ug/kg	100	--
cis-1,3-Dichloropropene	ND		ug/kg	100	--
Bromoform	ND		ug/kg	200	--
1,1,2,2-Tetrachloroethane	ND		ug/kg	100	--
Benzene	ND		ug/kg	100	--
Toluene	ND		ug/kg	100	--
Ethylbenzene	ND		ug/kg	100	--
Chloromethane	ND		ug/kg	250	--
Bromomethane	ND		ug/kg	100	--
Vinyl chloride	ND		ug/kg	100	--
Chloroethane	ND		ug/kg	100	--
1,1-Dichloroethene	ND		ug/kg	100	--
trans-1,2-Dichloroethene	ND		ug/kg	100	--
Trichloroethene	ND		ug/kg	100	--
1,2-Dichlorobenzene	ND		ug/kg	250	--
1,3-Dichlorobenzene	ND		ug/kg	250	--
1,4-Dichlorobenzene	ND		ug/kg	250	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/25/12 21:34
Analyst: JL

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 01-02,04-05,08-10 Batch: WG551200-3					
Methyl tert butyl ether	ND		ug/kg	100	--
p/m-Xylene	ND		ug/kg	200	--
o-Xylene	ND		ug/kg	200	--
Xylenes, Total	ND		ug/kg	200	--
cis-1,2-Dichloroethene	ND		ug/kg	100	--
Styrene	ND		ug/kg	200	--
Dichlorodifluoromethane	ND		ug/kg	500	--
Acetone	ND		ug/kg	1800	--
Carbon disulfide	ND		ug/kg	500	--
2-Butanone	ND		ug/kg	500	--
4-Methyl-2-pentanone	ND		ug/kg	500	--
2-Hexanone	ND		ug/kg	500	--
Bromochloromethane	ND		ug/kg	250	--
1,2-Dibromoethane	ND		ug/kg	200	--
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	--
Isopropylbenzene	ND		ug/kg	100	--
1,2,3-Trichlorobenzene	ND		ug/kg	250	--
1,2,4-Trichlorobenzene	ND		ug/kg	250	--
Methyl Acetate	ND		ug/kg	1000	--
Cyclohexane	ND		ug/kg	1000	--
1,4-Dioxane	ND		ug/kg	5000	--
Methyl cyclohexane	ND		ug/kg	200	--
Freon-113	ND		ug/kg	1000	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 07/25/12 21:34
Analyst: JL

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS-5035 - Westborough Lab for sample(s): 01-02,04-05,08-10 Batch: WG551200-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	113		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1213000

Report Date: 08/13/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 03,06-07,11 Batch: WG551186-1 WG551186-2								
Methylene chloride	93		87		70-130	7		30
1,1-Dichloroethane	92		86		70-130	7		30
Chloroform	88		82		70-130	7		30
Carbon tetrachloride	90		85		70-130	6		30
1,2-Dichloropropane	91		86		70-130	6		30
Dibromochloromethane	94		90		70-130	4		30
1,1,2-Trichloroethane	96		91		70-130	5		30
Tetrachloroethene	100		91		70-130	9		30
Chlorobenzene	98		92		70-130	6		30
Trichlorofluoromethane	76		70		70-139	8		30
1,2-Dichloroethane	89		86		70-130	3		30
1,1,1-Trichloroethane	91		85		70-130	7		30
Bromodichloromethane	86		82		70-130	5		30
trans-1,3-Dichloropropene	96		92		70-130	4		30
cis-1,3-Dichloropropene	86		82		70-130	5		30
Bromoform	90		88		70-130	2		30
1,1,2,2-Tetrachloroethane	103		100		70-130	3		30
Benzene	86		81		70-130	6		30
Toluene	97		90		70-130	7		30
Ethylbenzene	99		91		70-130	8		30
Chloromethane	109		99		52-130	10		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1213000

Report Date: 08/13/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 03,06-07,11 Batch: WG551186-1 WG551186-2								
Bromomethane	98		79		57-147	21		30
Vinyl chloride	106		95		67-130	11		30
Chloroethane	90		82		50-151	9		30
1,1-Dichloroethene	90		82		65-135	9		30
trans-1,2-Dichloroethene	87		82		70-130	6		30
Trichloroethene	90		84		70-130	7		30
1,2-Dichlorobenzene	107		100		70-130	7		30
1,3-Dichlorobenzene	109		100		70-130	9		30
1,4-Dichlorobenzene	108		100		70-130	8		30
Methyl tert butyl ether	83		79		66-130	5		30
p/m-Xylene	100		93		70-130	7		30
o-Xylene	99		92		70-130	7		30
cis-1,2-Dichloroethene	86		82		70-130	5		30
1,2,3-Trichloropropane	96		90		68-130	6		30
Styrene	97		89		70-130	9		30
Dichlorodifluoromethane	95		83		30-146	13		30
Acetone	132		109		54-140	19		30
Carbon disulfide	91		83		59-130	9		30
2-Butanone	108		100		70-130	8		30
4-Methyl-2-pentanone	84		81		70-130	4		30
2-Hexanone	110		100		70-130	10		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1213000

Report Date: 08/13/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 03,06-07,11 Batch: WG551186-1 WG551186-2								
Bromochloromethane	91		85		70-130	7		30
1,2-Dibromoethane	94		92		70-130	2		30
1,2-Dibromo-3-chloropropane	100		96		68-130	4		30
Isopropylbenzene	110		101		70-130	9		30
1,2,3-Trichlorobenzene	106		99		70-130	7		30
1,2,4-Trichlorobenzene	109		101		70-130	8		30
Methyl Acetate	96		92		65-130	4		30
Cyclohexane	102		93		70-130	9		30
1,4-Dioxane	92		88		65-136	4		30
Methyl cyclohexane	92		83		70-130	10		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	93		84		70-130	10		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		106		70-130
Toluene-d8	110		110		70-130
4-Bromofluorobenzene	104		103		70-130
Dibromofluoromethane	99		99		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1213000

Report Date: 08/13/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 01-02,04-05,08-10 Batch: WG551200-1 WG551200-2								
Methylene chloride	82		81		70-130	1		30
1,1-Dichloroethane	90		86		70-130	5		30
Chloroform	98		94		70-130	4		30
Carbon tetrachloride	110		96		70-130	14		30
1,2-Dichloropropane	83		79		70-130	5		30
Dibromochloromethane	109		100		70-130	9		30
1,1,2-Trichloroethane	95		88		70-130	8		30
Tetrachloroethene	99		91		70-130	8		30
Chlorobenzene	92		88		70-130	4		30
Trichlorofluoromethane	96		88		70-139	9		30
1,2-Dichloroethane	111		104		70-130	7		30
1,1,1-Trichloroethane	97		92		70-130	5		30
Bromodichloromethane	101		97		70-130	4		30
trans-1,3-Dichloropropene	92		82		70-130	11		30
cis-1,3-Dichloropropene	92		87		70-130	6		30
Bromoform	105		97		70-130	8		30
1,1,2,2-Tetrachloroethane	86		82		70-130	5		30
Benzene	85		81		70-130	5		30
Toluene	87		82		70-130	6		30
Ethylbenzene	91		86		70-130	6		30
Chloromethane	81		80		52-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1213000

Report Date: 08/13/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 01-02,04-05,08-10 Batch: WG551200-1 WG551200-2								
Bromomethane	86		90		57-147	5		30
Vinyl chloride	91		85		67-130	7		30
Chloroethane	81		79		50-151	3		30
1,1-Dichloroethene	84		79		65-135	6		30
trans-1,2-Dichloroethene	89		84		70-130	6		30
Trichloroethene	91		86		70-130	6		30
1,2-Dichlorobenzene	93		91		70-130	2		30
1,3-Dichlorobenzene	93		90		70-130	3		30
1,4-Dichlorobenzene	93		90		70-130	3		30
Methyl tert butyl ether	97		92		66-130	5		30
p/m-Xylene	90		86		70-130	5		30
o-Xylene	91		89		70-130	2		30
cis-1,2-Dichloroethene	93		88		70-130	6		30
1,2,3-Trichloropropane	91		85		68-130	7		30
Styrene	93		90		70-130	3		30
Dichlorodifluoromethane	75		70		30-146	7		30
Acetone	102		87		54-140	16		30
Carbon disulfide	77		71		59-130	8		30
2-Butanone	93		80		70-130	15		30
4-Methyl-2-pentanone	82		80		70-130	2		30
2-Hexanone	91		80		70-130	13		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1213000

Report Date: 08/13/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 01-02,04-05,08-10 Batch: WG551200-1 WG551200-2								
Bromochloromethane	94		93		70-130	1		30
1,2-Dibromoethane	115		98		70-130	16		30
1,2-Dibromo-3-chloropropane	97		90		68-130	7		30
Isopropylbenzene	93		89		70-130	4		30
1,2,3-Trichlorobenzene	95		92		70-130	3		30
1,2,4-Trichlorobenzene	96		93		70-130	3		30
Methyl Acetate	90		80		65-130	12		30
Cyclohexane	75		**69**	Q	70-130	8		30
1,4-Dioxane	76		80		65-136	5		30
Methyl cyclohexane	78		71		70-130	9		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	86		79		70-130	8		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	125		118		70-130
Toluene-d8	101		99		70-130
4-Bromofluorobenzene	100		97		70-130
Dibromofluoromethane	114		110		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1213000
Report Date: 08/13/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 03,06-07,11 QC Batch ID: WG551186-4 WG551186-5 QC Sample: L1213000-07 Client ID: S-12L-B012-13.5-14.0												
Methylene chloride	ND	1610	1600	97		1600	100		70-130	3		30
1,1-Dichloroethane	ND	1610	1300	83		1300	81		70-130	2		30
Chloroform	ND	1610	1300	80		1200	77		70-130	3		30
Carbon tetrachloride	ND	1610	1200	75		1200	73		70-130	3		30
1,2-Dichloropropane	ND	1610	1400	84		1300	82		70-130	3		30
Dibromochloromethane	ND	1610	1400	88		1400	86		70-130	2		30
1,1,2-Trichloroethane	ND	1610	1500	91		1400	89		70-130	1		30
Tetrachloroethene	ND	1610	1400	86		1300	83		70-130	3		30
Chlorobenzene	ND	1610	1400	89		1400	86		70-130	3		30
Trichlorofluoromethane	ND	1610	520	**32**	Q	510	**32**	Q	70-139	0		30
1,2-Dichloroethane	ND	1610	1300	83		1300	81		70-130	3		30
1,1,1-Trichloroethane	ND	1610	1300	79		1200	76		70-130	3		30
Bromodichloromethane	ND	1610	1300	80		1200	76		70-130	4		30
trans-1,3-Dichloropropene	ND	1610	1400	89		1400	86		70-130	3		30
cis-1,3-Dichloropropene	ND	1610	1300	78		1200	76		70-130	2		30
Bromoform	ND	1610	1400	84		1300	83		70-130	2		30
1,1,2,2-Tetrachloroethane	ND	1610	1600	99		1600	96		70-130	3		30
Benzene	ND	1610	1300	78		1200	75		70-130	4		30
Toluene	ND	1610	1400	88		1400	85		70-130	3		30
Ethylbenzene	ND	1610	1400	88		1400	84		70-130	4		30
Chloromethane	ND	1610	1600	96		1600	96		52-130	0		30

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1213000
Report Date: 08/13/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 03,06-07,11 QC Batch ID: WG551186-4 WG551186-5 QC Sample: L1213000-07 Client ID: S-12L-B012-13.5-14.0												
Bromomethane	ND	1610	670	**42**	Q	620	**39**	Q	57-147	7		30
Vinyl chloride	ND	1610	1400	84		1400	84		67-130	1		30
Chloroethane	ND	1610	550	**34**	Q	550	**34**	Q	50-151	0		30
1,1-Dichloroethene	ND	1610	1300	82		1300	78		65-135	5		30
trans-1,2-Dichloroethene	ND	1610	1300	79		1200	77		70-130	2		30
Trichloroethene	590	1610	1900	82		1800	78		70-130	4		30
1,2-Dichlorobenzene	ND	1610	1600	98		1500	95		70-130	3		30
1,3-Dichlorobenzene	ND	1610	1600	96		1500	93		70-130	3		30
1,4-Dichlorobenzene	ND	1610	1600	97		1500	93		70-130	4		30
Methyl tert butyl ether	ND	1610	1300	80		1300	78		66-130	2		30
p/m-Xylene	ND	3220	2900	88		2700	85		70-130	4		30
o-Xylene	ND	3220	2900	89		2800	86		70-130	4		30
cis-1,2-Dichloroethene	ND	1610	1400	84		1300	81		70-130	4		30
1,2,3-Trichloropropane	ND	1610	1400	88		1200	76		68-130	14		30
Styrene	ND	3220	2800	87		2700	83		70-130	5		30
Dichlorodifluoromethane	ND	1610	1100	68		1100	67		30-146	1		30
Acetone	ND	1610	ND	**0**	Q	ND	**0**	Q	54-140	NC		30
Carbon disulfide	ND	1610	1300	82		1300	80		59-130	2		30
2-Butanone	ND	1610	1700	102		1600	99		70-130	3		30
4-Methyl-2-pentanone	ND	1610	1300	81		1300	79		70-130	2		30
2-Hexanone	ND	1610	1600	101		1600	97		70-130	4		30

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1213000
Report Date: 08/13/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS-5035 - Westborough Lab Associated sample(s): 03,06-07,11 QC Batch ID: WG551186-4 WG551186-5 QC Sample: L1213000-07 Client ID: S-12L-B012-13.5-14.0												
Bromochloromethane	ND	1610	1400	84		1300	81		70-130	4		30
1,2-Dibromoethane	ND	1610	1500	91		1400	88		70-130	3		30
1,2-Dibromo-3-chloropropane	ND	1610	1600	98		1500	91		68-130	7		30
Isopropylbenzene	ND	1610	1500	96		1500	93		70-130	3		30
1,2,3-Trichlorobenzene	ND	1610	1600	99		1600	97		70-130	3		30
1,2,4-Trichlorobenzene	ND	1610	1600	101		1500	96		70-130	5		30
Methyl Acetate	ND	1610	1700	102		1700	103		65-130	1		30
Cyclohexane	ND	1610	ND	**0**	Q	ND	**0**	Q	70-130	NC		30
1,4-Dioxane	ND	161000	73000	92		70000	88		65-136	5		30
Methyl cyclohexane	ND	1610	1200	73		1100	70		70-130	4		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1610	ND	**0**	Q	ND	**0**	Q	70-130	NC		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		102		70-130
4-Bromofluorobenzene	104		104		70-130
Dibromofluoromethane	97		96		70-130
Toluene-d8	111		111		70-130

SEMIVOLATILES

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1213000-02	Date Collected:	07/18/12 07:55
Client ID:	S-12L-B012-2.5-3.0	Date Received:	07/20/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 20:40
Analytical Date:	08/01/12 16:44		
Analyst:	RC		
Percent Solids:	53%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	250	--	1
Hexachlorobenzene	ND		ug/kg	190	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	310	--	1
2-Chloronaphthalene	ND		ug/kg	310	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	310	--	1
2,4-Dinitrotoluene	ND		ug/kg	310	--	1
2,6-Dinitrotoluene	ND		ug/kg	310	--	1
Fluoranthene	ND		ug/kg	190	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	310	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	310	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	370	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	310	--	1
Hexachlorobutadiene	ND		ug/kg	310	--	1
Hexachlorocyclopentadiene	ND		ug/kg	870	--	1
Hexachloroethane	ND		ug/kg	250	--	1
Isophorone	ND		ug/kg	310	--	1
Naphthalene	ND		ug/kg	310	--	1
Nitrobenzene	ND		ug/kg	310	--	1
NDPA/DPA	ND		ug/kg	250	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	310	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	310	--	1
Butyl benzyl phthalate	ND		ug/kg	310	--	1
Di-n-butylphthalate	ND		ug/kg	310	--	1
Di-n-octylphthalate	ND		ug/kg	310	--	1
Diethyl phthalate	ND		ug/kg	310	--	1
Dimethyl phthalate	ND		ug/kg	310	--	1
Benzo(a)anthracene	ND		ug/kg	190	--	1
Benzo(a)pyrene	ND		ug/kg	250	--	1
Benzo(b)fluoranthene	ND		ug/kg	190	--	1
Benzo(k)fluoranthene	ND		ug/kg	190	--	1
Chrysene	ND		ug/kg	190	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1213000-02 Date Collected: 07/18/12 07:55

Client ID: S-12L-B012-2.5-3.0 Date Received: 07/20/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	250	--	1
Anthracene	ND		ug/kg	190	--	1
Benzo(ghi)perylene	ND		ug/kg	250	--	1
Fluorene	ND		ug/kg	310	--	1
Phenanthrene	ND		ug/kg	190	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	190	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	250	--	1
Pyrene	ND		ug/kg	190	--	1
Biphenyl	ND		ug/kg	680	--	1
4-Chloroaniline	ND		ug/kg	310	--	1
2-Nitroaniline	ND		ug/kg	310	--	1
3-Nitroaniline	ND		ug/kg	310	--	1
4-Nitroaniline	ND		ug/kg	310	--	1
Dibenzofuran	ND		ug/kg	310	--	1
2-Methylnaphthalene	ND		ug/kg	370	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	310	--	1
Acetophenone	ND		ug/kg	310	--	1
2,4,6-Trichlorophenol	ND		ug/kg	190	--	1
p-Chloro-m-cresol	ND		ug/kg	310	--	1
2-Chlorophenol	ND		ug/kg	310	--	1
2,4-Dichlorophenol	ND		ug/kg	310	--	1
2,4-Dimethylphenol	ND		ug/kg	310	--	1
2-Nitrophenol	ND		ug/kg	680	--	1
4-Nitrophenol	ND		ug/kg	430	--	1
2,4-Dinitrophenol	ND		ug/kg	1500	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	810	--	1
Pentachlorophenol	ND		ug/kg	250	--	1
Phenol	ND		ug/kg	310	--	1
2-Methylphenol	ND		ug/kg	310	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	430	--	1
2,4,5-Trichlorophenol	ND		ug/kg	310	--	1
Carbazole	ND		ug/kg	310	--	1
Atrazine	ND		ug/kg	250	--	1
Benzaldehyde	ND		ug/kg	430	--	1
Caprolactam	ND		ug/kg	310	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	310	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1213000-02 Date Collected: 07/18/12 07:55

Client ID: S-12L-B012-2.5-3.0 Date Received: 07/20/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	89		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	71		0-136
4-Terphenyl-d14	71		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1213000-03	Date Collected:	07/18/12 07:55
Client ID:	S-12L-B012-4.0-4.5	Date Received:	07/20/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 20:40
Analytical Date:	08/01/12 17:11		
Analyst:	RC		
Percent Solids:	78%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	--	1
Hexachlorobenzene	ND		ug/kg	120	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	210	--	1
2-Chloronaphthalene	ND		ug/kg	210	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	--	1
2,4-Dinitrotoluene	ND		ug/kg	210	--	1
2,6-Dinitrotoluene	ND		ug/kg	210	--	1
Fluoranthene	ND		ug/kg	120	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	--	1
Hexachlorobutadiene	ND		ug/kg	210	--	1
Hexachlorocyclopentadiene	ND		ug/kg	580	--	1
Hexachloroethane	ND		ug/kg	170	--	1
Isophorone	ND		ug/kg	210	--	1
Naphthalene	ND		ug/kg	210	--	1
Nitrobenzene	ND		ug/kg	210	--	1
NDPA/DPA	ND		ug/kg	170	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	--	1
Butyl benzyl phthalate	ND		ug/kg	210	--	1
Di-n-butylphthalate	ND		ug/kg	210	--	1
Di-n-octylphthalate	ND		ug/kg	210	--	1
Diethyl phthalate	ND		ug/kg	210	--	1
Dimethyl phthalate	ND		ug/kg	210	--	1
Benzo(a)anthracene	ND		ug/kg	120	--	1
Benzo(a)pyrene	ND		ug/kg	170	--	1
Benzo(b)fluoranthene	ND		ug/kg	120	--	1
Benzo(k)fluoranthene	ND		ug/kg	120	--	1
Chrysene	ND		ug/kg	120	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1213000-03 Date Collected: 07/18/12 07:55

Client ID: S-12L-B012-4.0-4.5 Date Received: 07/20/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	170	--	1
Anthracene	ND		ug/kg	120	--	1
Benzo(ghi)perylene	ND		ug/kg	170	--	1
Fluorene	ND		ug/kg	210	--	1
Phenanthrene	ND		ug/kg	120	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	--	1
Pyrene	ND		ug/kg	120	--	1
Biphenyl	ND		ug/kg	460	--	1
4-Chloroaniline	ND		ug/kg	210	--	1
2-Nitroaniline	ND		ug/kg	210	--	1
3-Nitroaniline	ND		ug/kg	210	--	1
4-Nitroaniline	ND		ug/kg	210	--	1
Dibenzofuran	ND		ug/kg	210	--	1
2-Methylnaphthalene	ND		ug/kg	250	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	--	1
Acetophenone	ND		ug/kg	210	--	1
2,4,6-Trichlorophenol	ND		ug/kg	120	--	1
p-Chloro-m-cresol	ND		ug/kg	210	--	1
2-Chlorophenol	ND		ug/kg	210	--	1
2,4-Dichlorophenol	ND		ug/kg	210	--	1
2,4-Dimethylphenol	ND		ug/kg	210	--	1
2-Nitrophenol	ND		ug/kg	460	--	1
4-Nitrophenol	ND		ug/kg	290	--	1
2,4-Dinitrophenol	ND		ug/kg	1000	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	--	1
Pentachlorophenol	ND		ug/kg	170	--	1
Phenol	ND		ug/kg	210	--	1
2-Methylphenol	ND		ug/kg	210	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	--	1
2,4,5-Trichlorophenol	ND		ug/kg	210	--	1
Carbazole	ND		ug/kg	210	--	1
Atrazine	ND		ug/kg	170	--	1
Benzaldehyde	ND		ug/kg	290	--	1
Caprolactam	ND		ug/kg	210	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	210	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1213000-03 Date Collected: 07/18/12 07:55

Client ID: S-12L-B012-4.0-4.5 Date Received: 07/20/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	96		25-120
Phenol-d6	97		10-120
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	99		0-136
4-Terphenyl-d14	82		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1213000-04	Date Collected:	07/18/12 08:10
Client ID:	S-12L-B012-6.0-6.5	Date Received:	07/20/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 20:40
Analytical Date:	08/01/12 17:39		
Analyst:	RC		
Percent Solids:	81%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	--	1
Hexachlorobenzene	ND		ug/kg	120	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	--	1
2-Chloronaphthalene	ND		ug/kg	200	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	--	1
2,4-Dinitrotoluene	ND		ug/kg	200	--	1
2,6-Dinitrotoluene	ND		ug/kg	200	--	1
Fluoranthene	ND		ug/kg	120	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	--	1
Hexachlorobutadiene	ND		ug/kg	200	--	1
Hexachlorocyclopentadiene	ND		ug/kg	560	--	1
Hexachloroethane	ND		ug/kg	160	--	1
Isophorone	ND		ug/kg	200	--	1
Naphthalene	ND		ug/kg	200	--	1
Nitrobenzene	ND		ug/kg	200	--	1
NDPA/DPA	ND		ug/kg	160	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	--	1
Butyl benzyl phthalate	ND		ug/kg	200	--	1
Di-n-butylphthalate	ND		ug/kg	200	--	1
Di-n-octylphthalate	ND		ug/kg	200	--	1
Diethyl phthalate	ND		ug/kg	200	--	1
Dimethyl phthalate	ND		ug/kg	200	--	1
Benzo(a)anthracene	ND		ug/kg	120	--	1
Benzo(a)pyrene	ND		ug/kg	160	--	1
Benzo(b)fluoranthene	ND		ug/kg	120	--	1
Benzo(k)fluoranthene	ND		ug/kg	120	--	1
Chrysene	ND		ug/kg	120	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1213000-04 Date Collected: 07/18/12 08:10

Client ID: S-12L-B012-6.0-6.5 Date Received: 07/20/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	160	--	1
Anthracene	ND		ug/kg	120	--	1
Benzo(ghi)perylene	ND		ug/kg	160	--	1
Fluorene	ND		ug/kg	200	--	1
Phenanthrene	ND		ug/kg	120	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	--	1
Pyrene	ND		ug/kg	120	--	1
Biphenyl	ND		ug/kg	440	--	1
4-Chloroaniline	ND		ug/kg	200	--	1
2-Nitroaniline	ND		ug/kg	200	--	1
3-Nitroaniline	ND		ug/kg	200	--	1
4-Nitroaniline	ND		ug/kg	200	--	1
Dibenzofuran	ND		ug/kg	200	--	1
2-Methylnaphthalene	ND		ug/kg	240	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	--	1
Acetophenone	ND		ug/kg	200	--	1
2,4,6-Trichlorophenol	ND		ug/kg	120	--	1
p-Chloro-m-cresol	ND		ug/kg	200	--	1
2-Chlorophenol	ND		ug/kg	200	--	1
2,4-Dichlorophenol	ND		ug/kg	200	--	1
2,4-Dimethylphenol	ND		ug/kg	200	--	1
2-Nitrophenol	ND		ug/kg	440	--	1
4-Nitrophenol	ND		ug/kg	280	--	1
2,4-Dinitrophenol	ND		ug/kg	970	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	--	1
Pentachlorophenol	ND		ug/kg	160	--	1
Phenol	ND		ug/kg	200	--	1
2-Methylphenol	ND		ug/kg	200	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	--	1
2,4,5-Trichlorophenol	ND		ug/kg	200	--	1
Carbazole	ND		ug/kg	200	--	1
Atrazine	ND		ug/kg	160	--	1
Benzaldehyde	ND		ug/kg	280	--	1
Caprolactam	ND		ug/kg	200	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1213000-04 Date Collected: 07/18/12 08:10

Client ID: S-12L-B012-6.0-6.5 Date Received: 07/20/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	94		25-120
Phenol-d6	92		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	98		0-136
4-Terphenyl-d14	79		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1213000-05	Date Collected:	07/18/12 08:10
Client ID:	S-12L-B012-7.0-7.5	Date Received:	07/20/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 20:40
Analytical Date:	08/01/12 18:06		
Analyst:	RC		
Percent Solids:	89%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	--	1
2-Chloronaphthalene	ND		ug/kg	180	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	--	1
2,4-Dinitrotoluene	ND		ug/kg	180	--	1
2,6-Dinitrotoluene	ND		ug/kg	180	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	--	1
Hexachlorobutadiene	ND		ug/kg	180	--	1
Hexachlorocyclopentadiene	ND		ug/kg	510	--	1
Hexachloroethane	ND		ug/kg	150	--	1
Isophorone	ND		ug/kg	180	--	1
Naphthalene	ND		ug/kg	180	--	1
Nitrobenzene	ND		ug/kg	180	--	1
NDPA/DPA	ND		ug/kg	150	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	--	1
Butyl benzyl phthalate	ND		ug/kg	180	--	1
Di-n-butylphthalate	ND		ug/kg	180	--	1
Di-n-octylphthalate	ND		ug/kg	180	--	1
Diethyl phthalate	ND		ug/kg	180	--	1
Dimethyl phthalate	ND		ug/kg	180	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	150	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1213000-05 Date Collected: 07/18/12 08:10

Client ID: S-12L-B012-7.0-7.5 Date Received: 07/20/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	150	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	150	--	1
Fluorene	ND		ug/kg	180	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	400	--	1
4-Chloroaniline	ND		ug/kg	180	--	1
2-Nitroaniline	ND		ug/kg	180	--	1
3-Nitroaniline	ND		ug/kg	180	--	1
4-Nitroaniline	ND		ug/kg	180	--	1
Dibenzofuran	ND		ug/kg	180	--	1
2-Methylnaphthalene	ND		ug/kg	220	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	--	1
Acetophenone	ND		ug/kg	180	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	180	--	1
2-Chlorophenol	ND		ug/kg	180	--	1
2,4-Dichlorophenol	ND		ug/kg	180	--	1
2,4-Dimethylphenol	ND		ug/kg	180	--	1
2-Nitrophenol	ND		ug/kg	400	--	1
4-Nitrophenol	ND		ug/kg	260	--	1
2,4-Dinitrophenol	ND		ug/kg	880	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	--	1
Pentachlorophenol	ND		ug/kg	150	--	1
Phenol	ND		ug/kg	180	--	1
2-Methylphenol	ND		ug/kg	180	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	--	1
2,4,5-Trichlorophenol	ND		ug/kg	180	--	1
Carbazole	ND		ug/kg	180	--	1
Atrazine	ND		ug/kg	150	--	1
Benzaldehyde	ND		ug/kg	260	--	1
Caprolactam	ND		ug/kg	180	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1213000-05 Date Collected: 07/18/12 08:10

Client ID: S-12L-B012-7.0-7.5 Date Received: 07/20/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	90		0-136
4-Terphenyl-d14	75		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1213000-06	Date Collected:	07/18/12 08:25
Client ID:	S-12L-B012-10.5-11.0	Date Received:	07/20/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 20:40
Analytical Date:	08/01/12 18:34		
Analyst:	RC		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	--	1
2-Chloronaphthalene	ND		ug/kg	180	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	--	1
2,4-Dinitrotoluene	ND		ug/kg	180	--	1
2,6-Dinitrotoluene	ND		ug/kg	180	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	--	1
Hexachlorobutadiene	ND		ug/kg	180	--	1
Hexachlorocyclopentadiene	ND		ug/kg	500	--	1
Hexachloroethane	ND		ug/kg	140	--	1
Isophorone	ND		ug/kg	180	--	1
Naphthalene	ND		ug/kg	180	--	1
Nitrobenzene	ND		ug/kg	180	--	1
NDPA/DPA	ND		ug/kg	140	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	--	1
Butyl benzyl phthalate	ND		ug/kg	180	--	1
Di-n-butylphthalate	ND		ug/kg	180	--	1
Di-n-octylphthalate	ND		ug/kg	180	--	1
Diethyl phthalate	ND		ug/kg	180	--	1
Dimethyl phthalate	ND		ug/kg	180	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	140	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1213000-06 Date Collected: 07/18/12 08:25

Client ID: S-12L-B012-10.5-11.0 Date Received: 07/20/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	140	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	140	--	1
Fluorene	ND		ug/kg	180	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	400	--	1
4-Chloroaniline	ND		ug/kg	180	--	1
2-Nitroaniline	ND		ug/kg	180	--	1
3-Nitroaniline	ND		ug/kg	180	--	1
4-Nitroaniline	ND		ug/kg	180	--	1
Dibenzofuran	ND		ug/kg	180	--	1
2-Methylnaphthalene	ND		ug/kg	220	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	--	1
Acetophenone	ND		ug/kg	180	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	180	--	1
2-Chlorophenol	ND		ug/kg	180	--	1
2,4-Dichlorophenol	ND		ug/kg	180	--	1
2,4-Dimethylphenol	ND		ug/kg	180	--	1
2-Nitrophenol	ND		ug/kg	400	--	1
4-Nitrophenol	ND		ug/kg	250	--	1
2,4-Dinitrophenol	ND		ug/kg	860	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	--	1
Pentachlorophenol	ND		ug/kg	140	--	1
Phenol	ND		ug/kg	180	--	1
2-Methylphenol	ND		ug/kg	180	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	--	1
2,4,5-Trichlorophenol	ND		ug/kg	180	--	1
Carbazole	ND		ug/kg	180	--	1
Atrazine	ND		ug/kg	140	--	1
Benzaldehyde	ND		ug/kg	250	--	1
Caprolactam	ND		ug/kg	180	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1213000-06 Date Collected: 07/18/12 08:25

Client ID: S-12L-B012-10.5-11.0 Date Received: 07/20/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	84		0-136
4-Terphenyl-d14	79		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1213000-07	Date Collected:	07/18/12 08:25
Client ID:	S-12L-B012-13.5-14.0	Date Received:	07/20/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 20:40
Analytical Date:	08/01/12 19:01		
Analyst:	RC		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	--	1
2-Chloronaphthalene	ND		ug/kg	180	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	--	1
2,4-Dinitrotoluene	ND		ug/kg	180	--	1
2,6-Dinitrotoluene	ND		ug/kg	180	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	--	1
Hexachlorobutadiene	ND		ug/kg	180	--	1
Hexachlorocyclopentadiene	ND		ug/kg	510	--	1
Hexachloroethane	ND		ug/kg	150	--	1
Isophorone	ND		ug/kg	180	--	1
Naphthalene	ND		ug/kg	180	--	1
Nitrobenzene	ND		ug/kg	180	--	1
NDPA/DPA	ND		ug/kg	150	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	--	1
Butyl benzyl phthalate	ND		ug/kg	180	--	1
Di-n-butylphthalate	ND		ug/kg	180	--	1
Di-n-octylphthalate	ND		ug/kg	180	--	1
Diethyl phthalate	ND		ug/kg	180	--	1
Dimethyl phthalate	ND		ug/kg	180	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	150	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1213000-07 Date Collected: 07/18/12 08:25

Client ID: S-12L-B012-13.5-14.0 Date Received: 07/20/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	150	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	150	--	1
Fluorene	ND		ug/kg	180	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	400	--	1
4-Chloroaniline	ND		ug/kg	180	--	1
2-Nitroaniline	ND		ug/kg	180	--	1
3-Nitroaniline	ND		ug/kg	180	--	1
4-Nitroaniline	ND		ug/kg	180	--	1
Dibenzofuran	ND		ug/kg	180	--	1
2-Methylnaphthalene	ND		ug/kg	220	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	--	1
Acetophenone	ND		ug/kg	180	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	180	--	1
2-Chlorophenol	ND		ug/kg	180	--	1
2,4-Dichlorophenol	ND		ug/kg	180	--	1
2,4-Dimethylphenol	ND		ug/kg	180	--	1
2-Nitrophenol	ND		ug/kg	400	--	1
4-Nitrophenol	ND		ug/kg	260	--	1
2,4-Dinitrophenol	ND		ug/kg	880	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	--	1
Pentachlorophenol	ND		ug/kg	150	--	1
Phenol	ND		ug/kg	180	--	1
2-Methylphenol	ND		ug/kg	180	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	--	1
2,4,5-Trichlorophenol	ND		ug/kg	180	--	1
Carbazole	ND		ug/kg	180	--	1
Atrazine	ND		ug/kg	150	--	1
Benzaldehyde	ND		ug/kg	260	--	1
Caprolactam	ND		ug/kg	180	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1213000-07 Date Collected: 07/18/12 08:25

Client ID: S-12L-B012-13.5-14.0 Date Received: 07/20/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	99		25-120
Phenol-d6	98		10-120
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	80		0-136
4-Terphenyl-d14	88		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1213000-08	Date Collected:	07/18/12 08:50
Client ID:	S-12L-B012-17.0-17.5	Date Received:	07/20/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 20:40
Analytical Date:	08/01/12 19:29		
Analyst:	RC		
Percent Solids:	92%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	--	1
2-Chloronaphthalene	ND		ug/kg	180	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	--	1
2,4-Dinitrotoluene	ND		ug/kg	180	--	1
2,6-Dinitrotoluene	ND		ug/kg	180	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	--	1
Hexachlorobutadiene	ND		ug/kg	180	--	1
Hexachlorocyclopentadiene	ND		ug/kg	500	--	1
Hexachloroethane	ND		ug/kg	140	--	1
Isophorone	ND		ug/kg	180	--	1
Naphthalene	ND		ug/kg	180	--	1
Nitrobenzene	ND		ug/kg	180	--	1
NDPA/DPA	ND		ug/kg	140	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	--	1
Butyl benzyl phthalate	ND		ug/kg	180	--	1
Di-n-butylphthalate	ND		ug/kg	180	--	1
Di-n-octylphthalate	ND		ug/kg	180	--	1
Diethyl phthalate	ND		ug/kg	180	--	1
Dimethyl phthalate	ND		ug/kg	180	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	140	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1213000-08 Date Collected: 07/18/12 08:50

Client ID: S-12L-B012-17.0-17.5 Date Received: 07/20/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	140	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	140	--	1
Fluorene	ND		ug/kg	180	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	390	--	1
4-Chloroaniline	ND		ug/kg	180	--	1
2-Nitroaniline	ND		ug/kg	180	--	1
3-Nitroaniline	ND		ug/kg	180	--	1
4-Nitroaniline	ND		ug/kg	180	--	1
Dibenzofuran	ND		ug/kg	180	--	1
2-Methylnaphthalene	ND		ug/kg	210	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	--	1
Acetophenone	ND		ug/kg	180	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	180	--	1
2-Chlorophenol	ND		ug/kg	180	--	1
2,4-Dichlorophenol	ND		ug/kg	180	--	1
2,4-Dimethylphenol	ND		ug/kg	180	--	1
2-Nitrophenol	ND		ug/kg	390	--	1
4-Nitrophenol	ND		ug/kg	250	--	1
2,4-Dinitrophenol	ND		ug/kg	850	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	--	1
Pentachlorophenol	ND		ug/kg	140	--	1
Phenol	ND		ug/kg	180	--	1
2-Methylphenol	ND		ug/kg	180	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	--	1
2,4,5-Trichlorophenol	ND		ug/kg	180	--	1
Carbazole	ND		ug/kg	180	--	1
Atrazine	ND		ug/kg	140	--	1
Benzaldehyde	ND		ug/kg	250	--	1
Caprolactam	ND		ug/kg	180	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1213000-08 Date Collected: 07/18/12 08:50

Client ID: S-12L-B012-17.0-17.5 Date Received: 07/20/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	70		0-136
4-Terphenyl-d14	81		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1213000-09	Date Collected:	07/18/12 08:50
Client ID:	S-12L-B012-17.0-17.5 REP	Date Received:	07/20/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 20:40
Analytical Date:	08/01/12 19:57		
Analyst:	RC		
Percent Solids:	91%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	--	1
2-Chloronaphthalene	ND		ug/kg	180	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	--	1
2,4-Dinitrotoluene	ND		ug/kg	180	--	1
2,6-Dinitrotoluene	ND		ug/kg	180	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	--	1
Hexachlorobutadiene	ND		ug/kg	180	--	1
Hexachlorocyclopentadiene	ND		ug/kg	500	--	1
Hexachloroethane	ND		ug/kg	140	--	1
Isophorone	ND		ug/kg	180	--	1
Naphthalene	ND		ug/kg	180	--	1
Nitrobenzene	ND		ug/kg	180	--	1
NDPA/DPA	ND		ug/kg	140	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	--	1
Butyl benzyl phthalate	ND		ug/kg	180	--	1
Di-n-butylphthalate	ND		ug/kg	180	--	1
Di-n-octylphthalate	ND		ug/kg	180	--	1
Diethyl phthalate	ND		ug/kg	180	--	1
Dimethyl phthalate	ND		ug/kg	180	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	140	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1213000-09 Date Collected: 07/18/12 08:50

Client ID: S-12L-B012-17.0-17.5 REP Date Received: 07/20/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	140	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	140	--	1
Fluorene	ND		ug/kg	180	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	400	--	1
4-Chloroaniline	ND		ug/kg	180	--	1
2-Nitroaniline	ND		ug/kg	180	--	1
3-Nitroaniline	ND		ug/kg	180	--	1
4-Nitroaniline	ND		ug/kg	180	--	1
Dibenzofuran	ND		ug/kg	180	--	1
2-Methylnaphthalene	ND		ug/kg	220	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	--	1
Acetophenone	ND		ug/kg	180	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	180	--	1
2-Chlorophenol	ND		ug/kg	180	--	1
2,4-Dichlorophenol	ND		ug/kg	180	--	1
2,4-Dimethylphenol	ND		ug/kg	180	--	1
2-Nitrophenol	ND		ug/kg	400	--	1
4-Nitrophenol	ND		ug/kg	250	--	1
2,4-Dinitrophenol	ND		ug/kg	860	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	--	1
Pentachlorophenol	ND		ug/kg	140	--	1
Phenol	ND		ug/kg	180	--	1
2-Methylphenol	ND		ug/kg	180	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	--	1
2,4,5-Trichlorophenol	ND		ug/kg	180	--	1
Carbazole	ND		ug/kg	180	--	1
Atrazine	ND		ug/kg	140	--	1
Benzaldehyde	ND		ug/kg	250	--	1
Caprolactam	ND		ug/kg	180	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1213000-09 Date Collected: 07/18/12 08:50

Client ID: S-12L-B012-17.0-17.5 REP Date Received: 07/20/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	75		0-136
4-Terphenyl-d14	83		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1213000-10	Date Collected:	07/18/12 08:50
Client ID:	S-12L-B012-18.5-19.0	Date Received:	07/20/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 20:40
Analytical Date:	08/01/12 20:24		
Analyst:	RC		
Percent Solids:	89%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	--	1
Hexachlorobenzene	ND		ug/kg	110	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	--	1
2-Chloronaphthalene	ND		ug/kg	180	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	--	1
2,4-Dinitrotoluene	ND		ug/kg	180	--	1
2,6-Dinitrotoluene	ND		ug/kg	180	--	1
Fluoranthene	ND		ug/kg	110	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	--	1
Hexachlorobutadiene	ND		ug/kg	180	--	1
Hexachlorocyclopentadiene	ND		ug/kg	510	--	1
Hexachloroethane	ND		ug/kg	150	--	1
Isophorone	ND		ug/kg	180	--	1
Naphthalene	ND		ug/kg	180	--	1
Nitrobenzene	ND		ug/kg	180	--	1
NDPA/DPA	ND		ug/kg	150	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	--	1
Butyl benzyl phthalate	ND		ug/kg	180	--	1
Di-n-butylphthalate	ND		ug/kg	180	--	1
Di-n-octylphthalate	ND		ug/kg	180	--	1
Diethyl phthalate	ND		ug/kg	180	--	1
Dimethyl phthalate	ND		ug/kg	180	--	1
Benzo(a)anthracene	ND		ug/kg	110	--	1
Benzo(a)pyrene	ND		ug/kg	150	--	1
Benzo(b)fluoranthene	ND		ug/kg	110	--	1
Benzo(k)fluoranthene	ND		ug/kg	110	--	1
Chrysene	ND		ug/kg	110	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1213000-10 Date Collected: 07/18/12 08:50

Client ID: S-12L-B012-18.5-19.0 Date Received: 07/20/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	150	--	1
Anthracene	ND		ug/kg	110	--	1
Benzo(ghi)perylene	ND		ug/kg	150	--	1
Fluorene	ND		ug/kg	180	--	1
Phenanthrene	ND		ug/kg	110	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	--	1
Pyrene	ND		ug/kg	110	--	1
Biphenyl	ND		ug/kg	400	--	1
4-Chloroaniline	ND		ug/kg	180	--	1
2-Nitroaniline	ND		ug/kg	180	--	1
3-Nitroaniline	ND		ug/kg	180	--	1
4-Nitroaniline	ND		ug/kg	180	--	1
Dibenzofuran	ND		ug/kg	180	--	1
2-Methylnaphthalene	ND		ug/kg	220	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	--	1
Acetophenone	ND		ug/kg	180	--	1
2,4,6-Trichlorophenol	ND		ug/kg	110	--	1
p-Chloro-m-cresol	ND		ug/kg	180	--	1
2-Chlorophenol	ND		ug/kg	180	--	1
2,4-Dichlorophenol	ND		ug/kg	180	--	1
2,4-Dimethylphenol	ND		ug/kg	180	--	1
2-Nitrophenol	ND		ug/kg	400	--	1
4-Nitrophenol	ND		ug/kg	260	--	1
2,4-Dinitrophenol	ND		ug/kg	880	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	--	1
Pentachlorophenol	ND		ug/kg	150	--	1
Phenol	ND		ug/kg	180	--	1
2-Methylphenol	ND		ug/kg	180	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	--	1
2,4,5-Trichlorophenol	ND		ug/kg	180	--	1
Carbazole	ND		ug/kg	180	--	1
Atrazine	ND		ug/kg	150	--	1
Benzaldehyde	ND		ug/kg	260	--	1
Caprolactam	ND		ug/kg	180	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1213000-10 Date Collected: 07/18/12 08:50

Client ID: S-12L-B012-18.5-19.0 Date Received: 07/20/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	90		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	77		0-136
4-Terphenyl-d14	80		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1213000-11	Date Collected:	07/18/12 09:30
Client ID:	S-12L-B012-21.0-21.5	Date Received:	07/20/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3540C
Analytical Method:	1,8270D	Extraction Date:	07/26/12 20:40
Analytical Date:	08/01/12 20:51		
Analyst:	RC		
Percent Solids:	82%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	--	1
Hexachlorobenzene	ND		ug/kg	120	--	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	--	1
2-Chloronaphthalene	ND		ug/kg	200	--	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	--	1
2,4-Dinitrotoluene	ND		ug/kg	200	--	1
2,6-Dinitrotoluene	ND		ug/kg	200	--	1
Fluoranthene	ND		ug/kg	120	--	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	--	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	--	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	--	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	--	1
Hexachlorobutadiene	ND		ug/kg	200	--	1
Hexachlorocyclopentadiene	ND		ug/kg	550	--	1
Hexachloroethane	ND		ug/kg	160	--	1
Isophorone	ND		ug/kg	200	--	1
Naphthalene	ND		ug/kg	200	--	1
Nitrobenzene	ND		ug/kg	200	--	1
NDPA/DPA	ND		ug/kg	160	--	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	--	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	--	1
Butyl benzyl phthalate	ND		ug/kg	200	--	1
Di-n-butylphthalate	ND		ug/kg	200	--	1
Di-n-octylphthalate	ND		ug/kg	200	--	1
Diethyl phthalate	ND		ug/kg	200	--	1
Dimethyl phthalate	ND		ug/kg	200	--	1
Benzo(a)anthracene	ND		ug/kg	120	--	1
Benzo(a)pyrene	ND		ug/kg	160	--	1
Benzo(b)fluoranthene	ND		ug/kg	120	--	1
Benzo(k)fluoranthene	ND		ug/kg	120	--	1
Chrysene	ND		ug/kg	120	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1213000-11 Date Collected: 07/18/12 09:30

Client ID: S-12L-B012-21.0-21.5 Date Received: 07/20/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthylene	ND		ug/kg	160	--	1
Anthracene	ND		ug/kg	120	--	1
Benzo(ghi)perylene	ND		ug/kg	160	--	1
Fluorene	ND		ug/kg	200	--	1
Phenanthrene	ND		ug/kg	120	--	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	--	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	--	1
Pyrene	ND		ug/kg	120	--	1
Biphenyl	ND		ug/kg	430	--	1
4-Chloroaniline	ND		ug/kg	200	--	1
2-Nitroaniline	ND		ug/kg	200	--	1
3-Nitroaniline	ND		ug/kg	200	--	1
4-Nitroaniline	ND		ug/kg	200	--	1
Dibenzofuran	ND		ug/kg	200	--	1
2-Methylnaphthalene	ND		ug/kg	240	--	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	--	1
Acetophenone	ND		ug/kg	200	--	1
2,4,6-Trichlorophenol	ND		ug/kg	120	--	1
p-Chloro-m-cresol	ND		ug/kg	200	--	1
2-Chlorophenol	ND		ug/kg	200	--	1
2,4-Dichlorophenol	ND		ug/kg	200	--	1
2,4-Dimethylphenol	ND		ug/kg	200	--	1
2-Nitrophenol	ND		ug/kg	430	--	1
4-Nitrophenol	ND		ug/kg	280	--	1
2,4-Dinitrophenol	ND		ug/kg	940	--	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	--	1
Pentachlorophenol	ND		ug/kg	160	--	1
Phenol	ND		ug/kg	200	--	1
2-Methylphenol	ND		ug/kg	200	--	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	--	1
2,4,5-Trichlorophenol	ND		ug/kg	200	--	1
Carbazole	ND		ug/kg	200	--	1
Atrazine	ND		ug/kg	160	--	1
Benzaldehyde	ND		ug/kg	280	--	1
Caprolactam	ND		ug/kg	200	--	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	--	1

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1213000-11 Date Collected: 07/18/12 09:30

Client ID: S-12L-B012-21.0-21.5 Date Received: 07/20/12

Sample Location: NEW BEDFORD, MA Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	88		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	89		0-136
4-Terphenyl-d14	82		18-120

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/31/12 19:28
Analyst: RC

Extraction Method: EPA 3540C
Extraction Date: 07/26/12 20:40

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-11 Batch: WG551154-1					
Acenaphthene	ND		ug/kg	130	--
Hexachlorobenzene	ND		ug/kg	99	--
Bis(2-chloroethyl)ether	ND		ug/kg	160	--
2-Chloronaphthalene	ND		ug/kg	160	--
3,3'-Dichlorobenzidine	ND		ug/kg	160	--
2,4-Dinitrotoluene	ND		ug/kg	160	--
2,6-Dinitrotoluene	ND		ug/kg	160	--
Fluoranthene	ND		ug/kg	99	--
4-Chlorophenyl phenyl ether	ND		ug/kg	160	--
4-Bromophenyl phenyl ether	ND		ug/kg	160	--
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	--
Bis(2-chloroethoxy)methane	ND		ug/kg	160	--
Hexachlorobutadiene	ND		ug/kg	160	--
Hexachlorocyclopentadiene	ND		ug/kg	460	--
Hexachloroethane	ND		ug/kg	130	--
Isophorone	ND		ug/kg	160	--
Naphthalene	ND		ug/kg	160	--
Nitrobenzene	ND		ug/kg	160	--
NDPA/DPA	ND		ug/kg	130	--
n-Nitrosodi-n-propylamine	ND		ug/kg	160	--
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	--
Butyl benzyl phthalate	ND		ug/kg	160	--
Di-n-butylphthalate	ND		ug/kg	160	--
Di-n-octylphthalate	ND		ug/kg	160	--
Diethyl phthalate	ND		ug/kg	160	--
Dimethyl phthalate	ND		ug/kg	160	--
Benzo(a)anthracene	ND		ug/kg	99	--
Benzo(a)pyrene	ND		ug/kg	130	--
Benzo(b)fluoranthene	ND		ug/kg	99	--
Benzo(k)fluoranthene	ND		ug/kg	99	--
Chrysene	ND		ug/kg	99	--

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/31/12 19:28
Analyst: RC

Extraction Method: EPA 3540C
Extraction Date: 07/26/12 20:40

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-11 Batch: WG551154-1					
Acenaphthylene	ND		ug/kg	130	--
Anthracene	ND		ug/kg	99	--
Benzo(ghi)perylene	ND		ug/kg	130	--
Fluorene	ND		ug/kg	160	--
Phenanthrene	ND		ug/kg	99	--
Dibenzo(a,h)anthracene	ND		ug/kg	99	--
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	--
Pyrene	ND		ug/kg	99	--
Biphenyl	ND		ug/kg	360	--
4-Chloroaniline	ND		ug/kg	160	--
2-Nitroaniline	ND		ug/kg	160	--
3-Nitroaniline	ND		ug/kg	160	--
4-Nitroaniline	ND		ug/kg	160	--
Dibenzofuran	ND		ug/kg	160	--
2-Methylnaphthalene	ND		ug/kg	200	--
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	--
Acetophenone	ND		ug/kg	160	--
2,4,6-Trichlorophenol	ND		ug/kg	99	--
p-Chloro-m-cresol	ND		ug/kg	160	--
2-Chlorophenol	ND		ug/kg	160	--
2,4-Dichlorophenol	ND		ug/kg	160	--
2,4-Dimethylphenol	ND		ug/kg	160	--
2-Nitrophenol	ND		ug/kg	360	--
4-Nitrophenol	ND		ug/kg	230	--
2,4-Dinitrophenol	ND		ug/kg	790	--
4,6-Dinitro-o-cresol	ND		ug/kg	430	--
Pentachlorophenol	ND		ug/kg	130	--
Phenol	ND		ug/kg	160	--
2-Methylphenol	ND		ug/kg	160	--
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	--
2,4,5-Trichlorophenol	ND		ug/kg	160	--

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1213000
Report Date: 08/13/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/31/12 19:28
Analyst: RC

Extraction Method: EPA 3540C
Extraction Date: 07/26/12 20:40

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-11 Batch: WG551154-1					
Carbazole	ND		ug/kg	160	--
Atrazine	ND		ug/kg	130	--
Benzaldehyde	ND		ug/kg	230	--
Caprolactam	ND		ug/kg	160	--
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	99		25-120
Phenol-d6	97		10-120
Nitrobenzene-d5	100		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	108		0-136
4-Terphenyl-d14	94		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1213000

Report Date: 08/13/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-11 Batch: WG551154-2 WG551154-3								
Acenaphthene	85		83		31-137	2		50
Hexachlorobenzene	83		78		40-140	6		50
Bis(2-chloroethyl)ether	83		78		40-140	6		50
2-Chloronaphthalene	86		82		40-140	5		50
3,3'-Dichlorobenzidine	71		82		40-140	14		50
2,4-Dinitrotoluene	**97**	Q	**96**	Q	28-89	1		50
2,6-Dinitrotoluene	94		89		40-140	5		50
Fluoranthene	91		88		40-140	3		50
4-Chlorophenyl phenyl ether	82		78		40-140	5		50
4-Bromophenyl phenyl ether	82		78		40-140	5		50
Bis(2-chloroisopropyl)ether	110		100		40-140	10		50
Bis(2-chloroethoxy)methane	84		76		40-117	10		50
Hexachlorobutadiene	93		88		40-140	6		50
Hexachlorocyclopentadiene	51		44		40-140	15		50
Hexachloroethane	94		88		40-140	7		50
Isophorone	82		78		40-140	5		50
Naphthalene	84		80		40-140	5		50
Nitrobenzene	94		89		40-140	5		50
NitrosoDiPhenylAmine(NDPA)/DPA	87		83		36-157	5		50
n-Nitrosodi-n-propylamine	90		85		32-121	6		50
Bis(2-Ethylhexyl)phthalate	125		115		40-140	8		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1213000

Report Date: 08/13/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-11 Batch: WG551154-2 WG551154-3								
Butyl benzyl phthalate	109		106		40-140	3		50
Di-n-butylphthalate	112		109		40-140	3		50
Di-n-octylphthalate	126		120		40-140	5		50
Diethyl phthalate	98		96		40-140	2		50
Dimethyl phthalate	93		89		40-140	4		50
Benzo(a)anthracene	95		90		40-140	5		50
Benzo(a)pyrene	93		93		40-140	0		50
Benzo(b)fluoranthene	93		87		40-140	7		50
Benzo(k)fluoranthene	100		94		40-140	6		50
Chrysene	90		87		40-140	3		50
Acenaphthylene	85		84		40-140	1		50
Anthracene	95		92		40-140	3		50
Benzo(ghi)perylene	99		91		40-140	8		50
Fluorene	87		85		40-140	2		50
Phenanthrene	92		92		40-140	0		50
Dibenzo(a,h)anthracene	100		91		40-140	9		50
Indeno(1,2,3-cd)Pyrene	100		93		40-140	7		50
Pyrene	90		88		35-142	2		50
Biphenyl	88		83		54-104	6		50
4-Chloroaniline	76		93		40-140	20		50
2-Nitroaniline	92		90		47-134	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1213000

Report Date: 08/13/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-11 Batch: WG551154-2 WG551154-3								
3-Nitroaniline	61		77		26-129	23		50
4-Nitroaniline	79		80		41-125	1		50
Dibenzofuran	88		85		40-140	3		50
2-Methylnaphthalene	84		80		40-140	5		50
1,2,4,5-Tetrachlorobenzene	89		81		40-117	9		50
Acetophenone	86		80		14-144	7		50
2,4,6-Trichlorophenol	97		94		30-130	3		50
P-Chloro-M-Cresol	102		97		26-103	5		50
2-Chlorophenol	90		82		25-102	9		50
2,4-Dichlorophenol	93		89		30-130	4		50
2,4-Dimethylphenol	95		89		30-130	7		50
2-Nitrophenol	88		82		30-130	7		50
4-Nitrophenol	102		101		11-114	1		50
2,4-Dinitrophenol	90		91		4-130	1		50
4,6-Dinitro-o-cresol	80		79		10-130	1		50
Pentachlorophenol	82		75		17-109	9		50
Phenol	88		82		26-90	7		50
2-Methylphenol	86		81		30-130.	6		50
3-Methylphenol/4-Methylphenol	87		81		30-130	7		50
2,4,5-Trichlorophenol	91		91		30-130	0		50
Carbazole	93		92		54-128	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1213000

Report Date: 08/13/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-11 Batch: WG551154-2 WG551154-3								
Atrazine	116		115		40-140	1		50
Benzaldehyde	97		97		40-140	0		50
Caprolactam	109		109		15-130	0		50
2,3,4,6-Tetrachlorophenol	92		87		40-140	6		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	103		93		25-120
Phenol-d6	99		90		10-120
Nitrobenzene-d5	102		93		23-120
2-Fluorobiphenyl	88		82		30-120
2,4,6-Tribromophenol	120		114		0-136
4-Terphenyl-d14	101		94		18-120

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1213000
Report Date: 08/13/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-11 QC Batch ID: WG551154-4 WG551154-5 QC Sample: L1213000-07 Client ID: S-12L-B012-13.5-14.0												
Acenaphthene	ND	1460	1200	82		1200	82		31-137	0		50
Hexachlorobenzene	ND	1460	1100	75		1100	75		40-140	0		50
Bis(2-chloroethyl)ether	ND	1460	1200	82		1200	82		40-140	0		50
2-Chloronaphthalene	ND	1460	1200	82		1200	82		40-140	0		50
3,3'-Dichlorobenzidine	ND	1460	970	66		940	64		40-140	3		50
2,4-Dinitrotoluene	ND	1460	1300	89		1300	88		28-89	0		50
2,6-Dinitrotoluene	ND	1460	1200	82		1300	88		40-140	8		50
Fluoranthene	ND	1460	1200	82		1300	88		40-140	8		50
4-Chlorophenyl phenyl ether	ND	1460	1100	75		1100	75		40-140	0		50
4-Bromophenyl phenyl ether	ND	1460	1100	75		1100	75		40-140	0		50
Bis(2-chloroisopropyl)ether	ND	1460	1600	110		1500	100		40-140	6		50
Bis(2-chloroethoxy)methane	ND	1460	1100	75		1100	75		40-117	0		50
Hexachlorobutadiene	ND	1460	1300	89		1300	88		40-140	0		50
Hexachlorocyclopentadiene	ND	1460	ND	**0**	Q	570	**39**	Q	40-140	NC		50
Hexachloroethane	ND	1460	1300	89		1300	88		40-140	0		50
Isophorone	ND	1460	1200	82		1200	82		40-140	0		50
Naphthalene	ND	1460	1200	82		1200	82		40-140	0		50
Nitrobenzene	ND	1460	1400	96		1300	88		40-140	7		50
NitrosoDiPhenylAmine(NDPA)/DPA	ND	1460	1200	82		1200	82		36-157	0		50
n-Nitrosodi-n-propylamine	ND	1460	1300	89		1200	82		32-121	8		50
Bis(2-Ethylhexyl)phthalate	ND	1460	1900	130		1700	120		40-140	11		50

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1213000
Report Date: 08/13/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-11 QC Batch ID: WG551154-4 WG551154-5 QC Sample: L1213000-07 Client ID: S-12L-B012-13.5-14.0												
Butyl benzyl phthalate	ND	1460	1400	96		1500	100		40-140	7		50
Di-n-butylphthalate	ND	1460	1500	100		1500	100		40-140	0		50
Di-n-octylphthalate	ND	1460	1700	120		1700	120		40-140	0		50
Diethyl phthalate	ND	1460	1400	96		1400	95		40-140	0		50
Dimethyl phthalate	ND	1460	1300	89		1300	88		40-140	0		50
Benzo(a)anthracene	ND	1460	1300	89		1300	88		40-140	0		50
Benzo(a)pyrene	ND	1460	1200	82		1300	88		40-140	8		50
Benzo(b)fluoranthene	ND	1460	1300	89		1300	88		40-140	0		50
Benzo(k)fluoranthene	ND	1460	1300	89		1300	88		40-140	0		50
Chrysene	ND	1460	1200	82		1200	82		40-140	0		50
Acenaphthylene	ND	1460	1100	75		1100	75		40-140	0		50
Anthracene	ND	1460	1300	89		1300	88		40-140	0		50
Benzo(ghi)perylene	ND	1460	1200	82		1300	88		40-140	8		50
Fluorene	ND	1460	1200	82		1200	82		40-140	0		50
Phenanthrene	ND	1460	1200	82		1300	88		40-140	8		50
Dibenzo(a,h)anthracene	ND	1460	1300	89		1300	88		40-140	0		50
Indeno(1,2,3-cd)Pyrene	ND	1460	1300	89		1300	88		40-140	0		50
Pyrene	ND	1460	1200	82		1200	82		35-142	0		50
Biphenyl	ND	1460	1200	82		1200	82		54-104	0		50
4-Chloroaniline	ND	1460	950	65		910	62		40-140	4		50
2-Nitroaniline	ND	1460	1200	82		1300	88		47-134	8		50

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1213000
Report Date: 08/13/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-11 QC Batch ID: WG551154-4 WG551154-5 QC Sample: L1213000-07 Client ID: S-12L-B012-13.5-14.0												
3-Nitroaniline	ND	1460	920	63		920	63		26-129	0		50
4-Nitroaniline	ND	1460	1100	75		1100	75		41-125	0		50
Dibenzofuran	ND	1460	1200	82		1200	82		40-140	0		50
2-Methylnaphthalene	ND	1460	1200	82		1200	82		40-140	0		50
1,2,4,5-Tetrachlorobenzene	ND	1460	1200	82		1200	82		40-117	0		50
Acetophenone	ND	1460	1200	82		1200	82		14-144	0		50
2,4,6-Trichlorophenol	ND	1460	1300	89		1300	88		30-130	0		50
P-Chloro-M-Cresol	ND	1460	1400	96		1400	95		26-103	0		50
2-Chlorophenol	ND	1460	1200	82		1200	82		25-102	0		50
2,4-Dichlorophenol	ND	1460	1300	89		1300	88		30-130	0		50
2,4-Dimethylphenol	ND	1460	1300	89		1300	88		30-130	0		50
2-Nitrophenol	ND	1460	1200	82		1200	82		30-130	0		50
4-Nitrophenol	ND	1460	1200	82		1500	100		11-114	22		50
2,4-Dinitrophenol	ND	1460	1200	82		1200	82		4-130	0		50
4,6-Dinitro-o-cresol	ND	1460	1100	75		1100	75		10-130	0		50
Pentachlorophenol	ND	1460	1000	68		1200	82		17-109	18		50
Phenol	ND	1460	1200	82		1200	82		26-90	0		50
2-Methylphenol	ND	1460	1200	82		1200	82		30-130.	0		50
3-Methylphenol/4-Methylphenol	ND	1460	1200	82		1200	82		30-130	0		50
2,4,5-Trichlorophenol	ND	1460	1300	89		1300	88		30-130	0		50
Carbazole	ND	1460	1200	82		1300	88		54-128	8		50

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1213000
Report Date: 08/13/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-11 QC Batch ID: WG551154-4 WG551154-5 QC Sample: L1213000-07 Client ID: S-12L-B012-13.5-14.0												
Atrazine	ND	1460	1500	100		1600	110		40-140	6		50
Benzaldehyde	ND	1460	1400	96		1400	95		40-140	0		50
Caprolactam	ND	1460	1500	100		1500	100		15-130	0		50
2,3,4,6-Tetrachlorophenol	ND	1460	1200	82		1200	82		40-140	0		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	101		108		0-136
2-Fluorobiphenyl	81		82		30-120
2-Fluorophenol	94		95		25-120
4-Terphenyl-d14	85		92		18-120
Nitrobenzene-d5	94		93		23-120
Phenol-d6	89		90		10-120

PCBS

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1213000-02	Date Collected:	07/18/12 07:55
Client ID:	S-12L-B012-2.5-3.0	Date Received:	07/20/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 10:36
Analytical Date:	07/27/12 11:41	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/27/12
Percent Solids:	53%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/27/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	36.4	--	1
Aroclor 1221	ND		ug/kg	36.4	--	1
Aroclor 1232	ND		ug/kg	36.4	--	1
Aroclor 1248	ND		ug/kg	24.3	--	1
Aroclor 1254	ND		ug/kg	36.4	--	1
Aroclor 1260	ND		ug/kg	24.3	--	1
Aroclor 1262	ND		ug/kg	12.1	--	1
Aroclor 1268	ND		ug/kg	12.1	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	40		30-150
Decachlorobiphenyl	32		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1213000-02	Date Collected:	07/18/12 07:55
Client ID:	S-12L-B012-2.5-3.0	Date Received:	07/20/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 10:36
Analytical Date:	07/27/12 11:41	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/27/12
Percent Solids:	53%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/27/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	115		ug/kg	36.4	--	1

2,4,5,6-Tetrachloro-m-xylene	40	30-150
Decachlorobiphenyl	32	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1213000-03	Date Collected:	07/18/12 07:55
Client ID:	S-12L-B012-4.0-4.5	Date Received:	07/20/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 10:36
Analytical Date:	07/27/12 11:54	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/27/12
Percent Solids:	78%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/27/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	24.4	--	1
Aroclor 1221	ND		ug/kg	24.4	--	1
Aroclor 1232	ND		ug/kg	24.4	--	1
Aroclor 1242	77.3		ug/kg	24.4	--	1
Aroclor 1248	ND		ug/kg	16.2	--	1
Aroclor 1254	ND		ug/kg	24.4	--	1
Aroclor 1260	ND		ug/kg	16.2	--	1
Aroclor 1262	ND		ug/kg	8.12	--	1
Aroclor 1268	ND		ug/kg	8.12	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	70		30-150
Decachlorobiphenyl	57		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1213000-04	Date Collected:	07/18/12 08:10
Client ID:	S-12L-B012-6.0-6.5	Date Received:	07/20/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 10:36
Analytical Date:	07/27/12 12:08	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/27/12
Percent Solids:	81%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/27/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	24.4	--	1
Aroclor 1221	ND		ug/kg	24.4	--	1
Aroclor 1232	ND		ug/kg	24.4	--	1
Aroclor 1248	ND		ug/kg	16.2	--	1
Aroclor 1254	118		ug/kg	24.4	--	1
Aroclor 1260	ND		ug/kg	16.2	--	1
Aroclor 1262	ND		ug/kg	8.12	--	1
Aroclor 1268	ND		ug/kg	8.12	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	69		30-150
Decachlorobiphenyl	56		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1213000-04	Date Collected:	07/18/12 08:10
Client ID:	S-12L-B012-6.0-6.5	Date Received:	07/20/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 10:36
Analytical Date:	07/27/12 12:08	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/27/12
Percent Solids:	81%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/27/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1242	356		ug/kg	24.4	--	1

2,4,5,6-Tetrachloro-m-xylene	69	30-150
Decachlorobiphenyl	56	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1213000-05	Date Collected:	07/18/12 08:10
Client ID:	S-12L-B012-7.0-7.5	Date Received:	07/20/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 10:36
Analytical Date:	07/27/12 12:21	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/27/12
Percent Solids:	89%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/27/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	21.2	--	1
Aroclor 1221	ND		ug/kg	21.2	--	1
Aroclor 1232	ND		ug/kg	21.2	--	1
Aroclor 1242	60.3		ug/kg	21.2	--	1
Aroclor 1248	ND		ug/kg	14.2	--	1
Aroclor 1254	ND		ug/kg	21.2	--	1
Aroclor 1260	ND		ug/kg	14.2	--	1
Aroclor 1262	ND		ug/kg	7.08	--	1
Aroclor 1268	ND		ug/kg	7.08	--	1

2,4,5,6-Tetrachloro-m-xylene	79	30-150
Decachlorobiphenyl	68	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1213000-06	Date Collected:	07/18/12 08:25
Client ID:	S-12L-B012-10.5-11.0	Date Received:	07/20/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 10:36
Analytical Date:	07/27/12 12:34	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/27/12
Percent Solids:	90%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/27/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	21.3	--	1
Aroclor 1221	ND		ug/kg	21.3	--	1
Aroclor 1232	ND		ug/kg	21.3	--	1
Aroclor 1242	125		ug/kg	21.3	--	1
Aroclor 1248	ND		ug/kg	14.2	--	1
Aroclor 1254	35.5		ug/kg	21.3	--	1
Aroclor 1260	ND		ug/kg	14.2	--	1
Aroclor 1262	ND		ug/kg	7.10	--	1
Aroclor 1268	ND		ug/kg	7.10	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	65		30-150
Decachlorobiphenyl	60		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1213000-07	Date Collected:	07/18/12 08:25
Client ID:	S-12L-B012-13.5-14.0	Date Received:	07/20/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 10:36
Analytical Date:	07/27/12 14:05	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/27/12
Percent Solids:	90%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/27/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	21.4	--	1
Aroclor 1221	ND		ug/kg	21.4	--	1
Aroclor 1232	ND		ug/kg	21.4	--	1
Aroclor 1242	64.0		ug/kg	21.4	--	1
Aroclor 1248	ND		ug/kg	14.2	--	1
Aroclor 1254	ND		ug/kg	21.4	--	1
Aroclor 1260	ND		ug/kg	14.2	--	1
Aroclor 1262	ND		ug/kg	7.12	--	1
Aroclor 1268	ND		ug/kg	7.12	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	83		30-150
Decachlorobiphenyl	76		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1213000-08	Date Collected:	07/18/12 08:50
Client ID:	S-12L-B012-17.0-17.5	Date Received:	07/20/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 10:36
Analytical Date:	07/27/12 14:18	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/27/12
Percent Solids:	92%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/27/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	20.8	--	1
Aroclor 1221	ND		ug/kg	20.8	--	1
Aroclor 1232	ND		ug/kg	20.8	--	1
Aroclor 1242	36.3		ug/kg	20.8	--	1
Aroclor 1248	ND		ug/kg	13.9	--	1
Aroclor 1254	ND		ug/kg	20.8	--	1
Aroclor 1260	ND		ug/kg	13.9	--	1
Aroclor 1262	ND		ug/kg	6.95	--	1
Aroclor 1268	ND		ug/kg	6.95	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	72		30-150
Decachlorobiphenyl	66		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1213000-09	Date Collected:	07/18/12 08:50
Client ID:	S-12L-B012-17.0-17.5 REP	Date Received:	07/20/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 10:36
Analytical Date:	07/27/12 14:32	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/27/12
Percent Solids:	91%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/27/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	21.3	--	1
Aroclor 1221	ND		ug/kg	21.3	--	1
Aroclor 1232	ND		ug/kg	21.3	--	1
Aroclor 1242	44.6		ug/kg	21.3	--	1
Aroclor 1248	ND		ug/kg	14.2	--	1
Aroclor 1254	ND		ug/kg	21.3	--	1
Aroclor 1260	ND		ug/kg	14.2	--	1
Aroclor 1262	ND		ug/kg	7.10	--	1
Aroclor 1268	ND		ug/kg	7.10	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	63		30-150
Decachlorobiphenyl	58		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1213000-10	Date Collected:	07/18/12 08:50
Client ID:	S-12L-B012-18.5-19.0	Date Received:	07/20/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 10:36
Analytical Date:	07/27/12 14:45	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/27/12
Percent Solids:	89%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/27/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	21.5	--	1
Aroclor 1221	ND		ug/kg	21.5	--	1
Aroclor 1232	ND		ug/kg	21.5	--	1
Aroclor 1242	31.5		ug/kg	21.5	--	1
Aroclor 1248	ND		ug/kg	14.3	--	1
Aroclor 1254	ND		ug/kg	21.5	--	1
Aroclor 1260	ND		ug/kg	14.3	--	1
Aroclor 1262	ND		ug/kg	7.17	--	1
Aroclor 1268	ND		ug/kg	7.17	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	64		30-150
Decachlorobiphenyl	58		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1213000-11	Date Collected:	07/18/12 09:30
Client ID:	S-12L-B012-21.0-21.5	Date Received:	07/20/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 10:36
Analytical Date:	07/27/12 14:58	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/27/12
Percent Solids:	82%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/27/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1016	ND		ug/kg	23.6	--	1
Aroclor 1221	ND		ug/kg	23.6	--	1
Aroclor 1232	ND		ug/kg	23.6	--	1
Aroclor 1242	28.1		ug/kg	23.6	--	1
Aroclor 1248	ND		ug/kg	15.8	--	1
Aroclor 1260	ND		ug/kg	15.8	--	1
Aroclor 1262	ND		ug/kg	7.88	--	1
Aroclor 1268	ND		ug/kg	7.88	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	59		30-150
Decachlorobiphenyl	52		30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1213000-11	Date Collected:	07/18/12 09:30
Client ID:	S-12L-B012-21.0-21.5	Date Received:	07/20/12
Sample Location:	NEW BEDFORD, MA	Field Prep:	Not Specified
Matrix:	Sediment	Extraction Method:	EPA 3546
Analytical Method:	1,8082	Extraction Date:	07/26/12 10:36
Analytical Date:	07/27/12 14:58	Cleanup Method1:	EPA 3665A
Analyst:	BA	Cleanup Date1:	07/27/12
Percent Solids:	82%	Cleanup Method2:	EPA 3660B
		Cleanup Date2:	07/27/12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
PCB by GC - Westborough Lab						
Aroclor 1254	ND		ug/kg	23.6	--	1

2,4,5,6-Tetrachloro-m-xylene	59	30-150
Decachlorobiphenyl	52	30-150

Project Name: NEW BEDFORD AEROVOX **Lab Number:** L1213000

Project Number: TO-0010-05 **Report Date:** 08/13/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082
Analytical Date: 07/27/12 13:13
Analyst: BA

Extraction Method: EPA 3546
Extraction Date: 07/26/12 10:36
Cleanup Method1: EPA 3665A
Cleanup Date1: 07/27/12
Cleanup Method2: EPA 3660B
Cleanup Date2: 07/27/12

Parameter	Result	Qualifier	Units	RL	MDL
PCB by GC - Westborough Lab for sample(s): 02-11 Batch: WG551002-1					
Aroclor 1016	ND		ug/kg	19.2	--
Aroclor 1221	ND		ug/kg	19.2	--
Aroclor 1232	ND		ug/kg	19.2	--
Aroclor 1242	ND		ug/kg	19.2	--
Aroclor 1248	ND		ug/kg	12.8	--
Aroclor 1254	ND		ug/kg	19.2	--
Aroclor 1260	ND		ug/kg	12.8	--
Aroclor 1262	ND		ug/kg	6.41	--
Aroclor 1268	ND		ug/kg	6.41	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	71		30-150
Decachlorobiphenyl	64		30-150

Matrix Spike Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1213000
Report Date: 08/13/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
PCB by GC - Westborough Lab Associated sample(s): 02-11 QC Batch ID: WG551002-4 WG551002-5 QC Sample: L1213000-07 Client ID: S-12L-B012-13.5-14.0												
Aroclor 1016	ND	220	190	86		179	82		40-140	6		50
Aroclor 1260	ND	220	124	56		134	61		40-140	8		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	67		64		30-150
Decachlorobiphenyl	57		63		30-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: NEW BEDFORD AEROVOX

Project Number: TO-0010-05

Lab Number: L1213000

Report Date: 08/13/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
PCB by GC - Westborough Lab Associated sample(s): 02-11 Batch: WG551002-2 WG551002-3								
Aroclor 1016	78		74		40-140	5		50
Aroclor 1260	62		61		40-140	2		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,4,5,6-Tetrachloro-m-xylene	74		72		30-150
Decachlorobiphenyl	63		62		30-150

INORGANICS
&
MISCELLANEOUS

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1213000
Report Date: 08/13/12

SAMPLE RESULTS

Lab ID: L1213000-02
Client ID: S-12L-B012-2.5-3.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/18/12 07:55
Date Received: 07/20/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	53		%	0.10	NA	1	-	07/23/12 19:35	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1213000
Report Date: 08/13/12

SAMPLE RESULTS

Lab ID: L1213000-03
Client ID: S-12L-B012-4.0-4.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/18/12 07:55
Date Received: 07/20/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78		%	0.10	NA	1	-	07/23/12 19:35	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1213000
Report Date: 08/13/12

SAMPLE RESULTS

Lab ID: L1213000-04
Client ID: S-12L-B012-6.0-6.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/18/12 08:10
Date Received: 07/20/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81		%	0.10	NA	1	-	07/23/12 19:35	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1213000
Report Date: 08/13/12

SAMPLE RESULTS

Lab ID: L1213000-05
Client ID: S-12L-B012-7.0-7.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/18/12 08:10
Date Received: 07/20/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89		%	0.10	NA	1	-	07/23/12 19:35	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1213000
Report Date: 08/13/12

SAMPLE RESULTS

Lab ID: L1213000-06
Client ID: S-12L-B012-10.5-11.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/18/12 08:25
Date Received: 07/20/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90		%	0.10	NA	1	-	07/23/12 19:35	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1213000
Report Date: 08/13/12

SAMPLE RESULTS

Lab ID: L1213000-07
Client ID: S-12L-B012-13.5-14.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/18/12 08:25
Date Received: 07/20/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90		%	0.10	NA	1	-	07/23/12 19:35	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1213000
Report Date: 08/13/12

SAMPLE RESULTS

Lab ID: L1213000-08
Client ID: S-12L-B012-17.0-17.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/18/12 08:50
Date Received: 07/20/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92		%	0.10	NA	1	-	07/23/12 19:35	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1213000
Report Date: 08/13/12

SAMPLE RESULTS

Lab ID: L1213000-09
Client ID: S-12L-B012-17.0-17.5 REP
Sample Location: NEW BEDFORD, MA
Matrix: Sediment
Date Collected: 07/18/12 08:50
Date Received: 07/20/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91		%	0.10	NA	1	-	07/23/12 19:35	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1213000
Report Date: 08/13/12

SAMPLE RESULTS

Lab ID: L1213000-10
Client ID: S-12L-B012-18.5-19.0
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/18/12 08:50
Date Received: 07/20/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89		%	0.10	NA	1	-	07/23/12 19:35	30,2540G	RD

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05
Lab Number: L1213000
Report Date: 08/13/12

SAMPLE RESULTS

Lab ID: L1213000-11
Client ID: S-12L-B012-21.0-21.5
Sample Location: NEW BEDFORD, MA
Matrix: Sediment

Date Collected: 07/18/12 09:30
Date Received: 07/20/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82		%	0.10	NA	1	-	07/23/12 19:35	30,2540G	RD

Lab Duplicate Analysis
Batch Quality Control

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1213000
Report Date: 08/13/12

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 02-11 QC Batch ID: WG550322-1 QC Sample: L1212967-01 Client ID: DUP Sample						
Solids, Total	48	53	%	10		20

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1213000
Report Date: 08/13/12

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 07/20/2012 17:40

Cooler Information Custody Seal

Cooler	
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1213000-01A	Vial MeOH preserved	B	N/A	5.7	Y	Absent	8260H-WHG(14)
L1213000-01D	Vial MeOH preserved	B	N/A	5.7	Y	Absent	-
L1213000-02A	Vial MeOH preserved	B	N/A	5.7	Y	Absent	8260HLW-WHG(14)
L1213000-02B	Vial water preserved	B	N/A	5.7	Y	Absent	8260HLW-WHG(14)
L1213000-02C	Vial water preserved	B	N/A	5.7	Y	Absent	8260HLW-WHG(14)
L1213000-02D	Amber 250ml unpreserved	A	N/A	5.0	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1213000-02M	Amber 250ml unpreserved	A	N/A	5.0	Y	Absent	HOLD-CONTINGENCY(14)
L1213000-03A	Vial MeOH preserved	B	N/A	5.7	Y	Absent	8260HLW-WHG(14)
L1213000-03B	Vial water preserved	B	N/A	5.7	Y	Absent	8260HLW-WHG(14)
L1213000-03C	Vial water preserved	B	N/A	5.7	Y	Absent	8260HLW-WHG(14)
L1213000-03D	Amber 250ml unpreserved	A	N/A	5.0	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1213000-03M	Amber 250ml unpreserved	A	N/A	5.0	Y	Absent	HOLD-CONTINGENCY(14)
L1213000-04A	Vial MeOH preserved	B	N/A	5.7	Y	Absent	8260HLW-WHG(14)
L1213000-04B	Vial water preserved	B	N/A	5.7	Y	Absent	8260HLW-WHG(14)
L1213000-04C	Vial water preserved	B	N/A	5.7	Y	Absent	8260HLW-WHG(14)
L1213000-04D	Amber 250ml unpreserved	A	N/A	5.0	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1213000-04M	Amber 250ml unpreserved	A	N/A	5.0	Y	Absent	HOLD-CONTINGENCY(14)
L1213000-05A	Vial MeOH preserved	B	N/A	5.7	Y	Absent	8260HLW-WHG(14)
L1213000-05B	Vial water preserved	B	N/A	5.7	Y	Absent	8260HLW-WHG(14)
L1213000-05C	Vial water preserved	B	N/A	5.7	Y	Absent	8260HLW-WHG(14)
L1213000-05D	Amber 250ml unpreserved	A	N/A	5.0	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1213000-05M	Amber 250ml unpreserved	A	N/A	5.0	Y	Absent	HOLD-CONTINGENCY(14)
L1213000-06A	Vial MeOH preserved	B	N/A	5.7	Y	Absent	8260HLW-WHG(14)
L1213000-06B	Vial water preserved	B	N/A	5.7	Y	Absent	8260HLW-WHG(14)

(*) Values in parentheses indicate holding time in days

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1213000
Report Date: 08/13/12

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1213000-06C	Vial water preserved	B	N/A	5.7	Y	Absent	8260HLW-WHG(14)
L1213000-06D	Amber 250ml unpreserved	B	N/A	5.7	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1213000-06M	Amber 250ml unpreserved	B	N/A	5.7	Y	Absent	HOLD-CONTINGENCY(14)
L1213000-07A	Vial MeOH preserved	B	N/A	5.7	Y	Absent	8260HLW-WHG(14)
L1213000-07B	Vial water preserved	B	N/A	5.7	Y	Absent	8260HLW-WHG(14)
L1213000-07C	Vial water preserved	B	N/A	5.7	Y	Absent	8260HLW-WHG(14)
L1213000-07D	Amber 250ml unpreserved	A	N/A	5.0	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1213000-07E	Vial water preserved	B	N/A	5.7	Y	Absent	8260HLW-WHG(14)
L1213000-07F	Vial water preserved	B	N/A	5.7	Y	Absent	8260HLW-WHG(14)
L1213000-07G	Vial water preserved	B	N/A	5.7	Y	Absent	8260HLW-WHG(14)
L1213000-07K	Amber 250ml unpreserved	B	N/A	5.7	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1213000-07M	Amber 250ml unpreserved	A	N/A	5.0	Y	Absent	HOLD-CONTINGENCY(14)
L1213000-07N	Amber 250ml unpreserved	B	N/A	5.7	Y	Absent	HOLD-CONTINGENCY(14)
L1213000-08A	Vial MeOH preserved	B	N/A	5.7	Y	Absent	8260HLW-WHG(14)
L1213000-08B	Vial water preserved	B	N/A	5.7	Y	Absent	8260HLW-WHG(14)
L1213000-08C	Vial water preserved	B	N/A	5.7	Y	Absent	8260HLW-WHG(14)
L1213000-08D	Amber 250ml unpreserved	B	N/A	5.7	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1213000-08M	Amber 250ml unpreserved	B	N/A	5.7	Y	Absent	HOLD-CONTINGENCY(14)
L1213000-09A	Vial MeOH preserved	B	N/A	5.7	Y	Absent	8260HLW-WHG(14)
L1213000-09B	Vial water preserved	B	N/A	5.7	Y	Absent	8260HLW-WHG(14)
L1213000-09C	Vial water preserved	B	N/A	5.7	Y	Absent	8260HLW-WHG(14)
L1213000-09D	Amber 250ml unpreserved	B	N/A	5.7	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1213000-09M	Amber 250ml unpreserved	B	N/A	5.7	Y	Absent	HOLD-CONTINGENCY(14)
L1213000-10A	Vial MeOH preserved	B	N/A	5.7	Y	Absent	8260HLW-WHG(14)
L1213000-10B	Vial water preserved	B	N/A	5.7	Y	Absent	8260HLW-WHG(14)
L1213000-10C	Vial water preserved	B	N/A	5.7	Y	Absent	8260HLW-WHG(14)
L1213000-10D	Amber 250ml unpreserved	B	N/A	5.7	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1213000-10M	Amber 250ml unpreserved	B	N/A	5.7	Y	Absent	HOLD-CONTINGENCY(14)
L1213000-11A	Vial MeOH preserved	B	N/A	5.7	Y	Absent	8260HLW-WHG(14)
L1213000-11B	Vial water preserved	B	N/A	5.7	Y	Absent	8260HLW-WHG(14)
L1213000-11C	Vial water preserved	B	N/A	5.7	Y	Absent	8260HLW-WHG(14)
L1213000-11D	Amber 250ml unpreserved	B	N/A	5.7	Y	Absent	8270TCL(14),TS(7),PCB-8082LL(14)
L1213000-11M	Amber 250ml unpreserved	B	N/A	5.7	Y	Absent	HOLD-CONTINGENCY(14)

*Values in parentheses indicate holding time in days

Project Name: NEW BEDFORD AEROVOX
Project Number: TO-0010-05

Lab Number: L1213000
Report Date: 08/13/12

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)

Container Comments

L1213000-08D

L1213000-09D

(*) Values in parentheses indicate holding time in days

Project Name:	NEW BEDFORD AEROVOX	**Lab Number:**	L1213000
Project Number:	TO-0010-05	**Report Date:**	08/13/12

GLOSSARY

Acronyms

EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than five times (5x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit.
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
D	- Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
E	- Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
G	- The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
H	- The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
I	- The RPD between the results for the two columns exceeds the method-specified criteria; however, the lower value has been reported due to obvious interference.
M	- Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
NJ	- Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

Report Format: Data Usability Report

Project Name:	NEW BEDFORD AEROVOX	**Lab Number:**	L1213000
Project Number:	TO-0010-05	**Report Date:**	08/13/12

Data Qualifiers

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the reporting limit (RL) for the sample.

Report Format: Data Usability Report

Project Name:	NEW BEDFORD AEROVOX	**Lab Number:**	L1213000
Project Number:	TO-0010-05	**Report Date:**	08/13/12

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certificate/Approval Program Summary

Last revised August 3, 2012 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0574. ***NELAP Accredited Solid Waste/Soil.***

Drinking Water (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Nickel, Selenium, Silver, Sodium, Thallium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP) 504.1, Ethylene Dibromide (EDB) 504.1, 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223, Enumeration and P/A), E. Coli. – Colilert (SM9223, Enumeration and P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform-EC Medium (SM 9221E).

Wastewater/Non-Potable Water (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), E. Coli – Colilert (SM9223 Enumeration), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E), Enterococcus - Enterolert.

Solid Waste/Soil (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Dalapon, Volatile Organics (SW 8260), Acid Extractables (Phenols) (SW 8270), Benzidines (SW 8270), Phthalates (SW 8270), Nitrosamines (SW 8270), Nitroaromatics & Cyclic Ketones (SW 8270), PAHs (SW 8270), Haloethers (SW 8270), Chlorinated Hydrocarbons (SW 8270).)

Maine Department of Human Services Certificate/Lab ID: 2009024.
Drinking Water (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 353.2, SM2130B, 2320B, 2540C, 4500Cl-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 350.1, 351.1, 353.2, 410.4, 420.1, SM2320B, 2510B, 2540C, 2540D, 426C, 4500Cl-D, 4500Cl-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-B, 4500Norg-C, 4500NH3-B, 4500NH3-G, 4500NO3-F, 4500P-B, 4500P-E, 5210B, 5220D, 5310C, 9010B, 9040B, 9030B, 7470A, 7196A, 2340B, EPA 200.7, 6010B, 200.8, 6020, 245.1, 1311, 1312, 3005A, Enterolert, 9223D, 9222D. Organic Parameters: 608, 624, 625, 8081A, 8082, 8330, 8151A, 8260B, 8270C, 3510C, 3630C, 5030B, ME-DRO, ME-GRO, MA-EPH, MA-VPH.)

Solid Waste/Soil (Inorganic Parameters: 9010B, 9012A, 9014A, 9030B, 9040B, 9045C, 6010B, 7471A, 7196A, 9050A, 1010, 1030, 9065, 1311, 1312, 3005A, 3050B. Organic Parameters: ME-DRO, ME-GRO, MA-EPH, MA-VPH, 8260B, 8270C, 8330, 8151A, 8081A, 8082, 3540C, 3546, 3580A, 3630C, 5030B, 5035.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.
*Drinking Water (*Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl) (EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate); (EPA 353.2 for: Nitrate-N, Nitrite-N); (SM4500NO3-F for: Nitrate-N and Nitrite-N); 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, 2320B, SM2540C, SM4500H-B. Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics); (504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), EPA 332. Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; ColilertQT SM9223B; MF-SM9222D.)

Non-Potable Water (Inorganic Parameters:, (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn); (EPA 200.7

for: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn); 245.1, SM4500H,B, EPA 120.1, SM2510B, 2540C, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.
Organic Parameters: (EPA 624 for Volatile Halocarbons, Volatile Aromatics),(608 for: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT,Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs-Water), (EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables), 600/4-81-045-PCB-Oil. Microbiology Parameters: (ColilertQT SM9223B; Enterolert-QT: SM9222D-MF.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM 9222B, 9223B, 9215B, EPA 200.7, 200.8, 300.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 332.0. Organic Parameters: 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM9222D, 9221B, 9222B, 9221E-EC, EPA 3005A, 200.7, 200.8, 245.1, SW-846 6010B, 6010C, 6020, 6020A, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 350.2, 351.1, 353.2, 410.4, 420.1, 426C, 1664A, SW-846 9010B, 9030B, 9040B, SM2120B, 2310B, 2320B, 2540B, 2540D, 4500H+B, 4500CL-E, 4500CN-E, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500P-E, 4500-S2-D, 5210B, 5220D, 2510B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D, 3060A. Organic Parameters: SW-846 3510C, 3630C, 5030B, 8260B, 8270C, 8270D, 8330, EPA 624, 625, 608, SW-846 8082, 8082A, 8081A, 8081B, 8151A, 8330, 8270C-SIM, 8270D-SIM.)

Solid & Chemical Materials (Inorganic Parameters: SW-846 6010B, 6010C, 7196A, 7471A, 1010, 1030, 9010, 9012A, 9014, 9030B, 9040B, 9045C, 9050, 9065,1311, 1312, 3005A, 3050B, 3060A. Organic Parameters: SW-846 3540C, 3546, 3050B, 3580A, 3630C, 5030B, 5035, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330, 8151A, 8015B, 8015C, 8082, 8082A, 8081A, 8081B.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9222B, 9221E, 9223B, 9215B, 4500CN-CE, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 200.8, 245.1, 2540C, SM2120B, 2320B, 2510B, 5310C, SM4500H-B. Organic Parameters: EPA 332, 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM5210B, EPA 410.4, SM5220D, 4500Cl-E, EPA 300.0, SM2120B, 2340B, SM4500F-BC, EPA 200.7, 200.8, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310B, C or D, 4500-PE, EPA 420.1, SM510ABC, SM4500P-B5+E, 2540B, 2540C, 2540D, 2540G, EPA 120.1, SM2510B, SM2520B, SM15 426C, 9222D, 9221B, 9221C, 9221E, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, EPA 350.1, 350.2, SW-846 1312, 7470A, 5540C, SM4500H-B, 4500SO3-B, SM3500Cr-D, 4500CN-CE, EPA 245.1, SW-846 9040B, 3005A, 3015, EPA 6010B, 6010C, 6020, 6020A, 7196A, 3060A, SW-846 9010B, 9030B. Organic Parameters: SW-846 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3510C, EPA 608, 624, 625, SW-846 3630C, 5030B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 1,4-Dioxane by NJ Modified 8270, 8015B, NJ EPH.)

Solid & Chemical Materials (Inorganic Parameters: SW-846, 6010B, 6010C, 6020, 6020A, 7196A, 3060A, 9010B, 9030B, 1010, 1030, 1311, 1312, 3005A, 3050B, 7471A, 7471B, 9014, 9012A, 9040B, 9040C, 9045C, 9045D, 9050A, 9065, 9251. Organic Parameters: SW-846 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3540C, 3546, 3580A, 3630C, 5030B, 5035L, 5035H, NJ OQA-QAM-025 Rev.7, NJ EPH.)

New York Department of Health Certificate/Lab ID: 11148. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.2, SM5310C, EPA 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500NO3-F, 2540C, SM 2510B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, 5310C, EPA 410.4, SM5220D, 2310B-4a, 2320B, EPA 200.7, 300.0, SM4500CL-E, 4500F-C, SM15 426C, EPA 350.1, SM4500NH3-BH, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010B, 6010C, 6020, 6020A, EPA 7196A, SM3500Cr-D, EPA 245.1, 245.2, 7470A, SM2120B, LACHAT 10-204-00-1-A, 4500CN-CE, EPA 1664A, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 3005A, 3015, 9010B, 9030B. Organic Parameters: EPA 624, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 625, 608, 8081A, 8081B, 8151A, 8330, 8082, 8082A, EPA 3510C, 5030B.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010, 1030, EPA 6010B, 6010C, 7196A, 7471A, 7471B, 9012A, 9014, 9065, 9050A, EPA 1311, 1312, 3005A, 3050B, 9010B, 9040C, 9045D. Organic Parameters: EPA 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8015B, 8015C, 8081A, 8081B, 8151A, 8330, 8082 8082A, 3540C, 3546, 3580, 3580A, 5030B, 5035H, 5035L.)

North Carolina Department of the Environment and Natural Resources Certificate/Lab ID : 666. (Inorganic Parameters: SM2310B, 2320B, 4500Cl-E, 4500Cn-E, 9014, Lachat 10-204-00-1-X, 1010A, 1030, 4500NO3-F, 353.2, 4500P-E, 4500SO4-E, 300.0, 4500S-D, 5310B, 5310C, 6010C, 6020A, 200.7, 200.8, 3500Cr-B, 7196A, 245.1, 7471A, 7471B, 1311,1312. Organic Parameters: 608, 8081B, 8082A, 624, 8260B, 625, 8270D, 8151A, 8015C, 504.1, MA-EPH, MA-VPH.)

Drinking Water Program Certificate/Lab ID: 25700. (Inorganic Parameters: Chloride EPA 300.0. Organic Parameters: 524.2)

Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: 200.7, 200.8, 245.2, 300.0, 332.0, 2120B, 2320B, 2510B, 2540C, 4500-CN-CE, 4500F-C, 4500H+-B, 4500NO3-F, 5310C. Organic Parameters: EPA 524.2, 504.1)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1312, 3005A,3015, 3060A, 200.7, 200.8, 410.4, 1664A, SM2540D, 5210B, 5220D, 4500-P,BE, 245.1, 300.0, 3501., 350.2, 353.2, 420.1, 6010B, 6010C, 6020, 6020A, 7196A, 7470A, 9010B, 9030B, 9040B, Lachat 10-107-06-2-D, NJ-EPH, 2120B, 2310B, 2320B, 2340B, 2510C, 2540B, 2540C, 3500Cr-D, 436C, 4500CN-CE, 4500Cl-E, 4500F-B, 4500F-C, 4500H+-B, 4500NO2-B, 4500NO3-F, 4500S-D, 4500SO3-B, 5310BCD, 5540C. Organic Parameters: EPA 3510C, 3630C, 5030B, 625, 624, 608, 8081A, 8081B, 8082, 8082A, 8151A, 8260B, 8270C, 8270D, 8330, 8015B,)

Solid & Hazardous Waste (Inorganic Parameters: EPA 350.1, 1010, 1030, 1311, 1312, 3005A, 3050B, 3060A, 6010B, 6010C, 6020A, 7196A, 7471A, 7471B, 9010B, 9012A, 9014, 9040B, 9045C, 9050, 9065, SM 4500NH3-BH, 9030B, 9038, 9251. Organic Parameters: 3540C, 3546, 3580A, 3630C, 5035, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330, NJ-EPH.)

Rhode Island Department of Health Certificate/Lab ID: LAO00065. ***NELAP Accredited via NJ-DEP.***
Refer to MA-DEP Certificate for Potable and Non-Potable Water.
Refer to NJ-DEP Certificate for Potable and Non-Potable Water.

Texas Commisson on Environmental Quality Certificate/Lab ID: T104704476-09-1. ***NELAP Accredited.***
Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 $S2^{-}$D, 510C, 5210B, 5220D, 5310C, 5540C. Organic Parameters: EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

Virginia Division of Consolidated Laboratory Services Certificate/Lab ID: 460195. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: EPA 200.7, 200.8, 300.0, 2510B, 2120B, 2540C, 4500CN-CE, 245.2, 2320B, 4500F-C, 4500F-C, 4500NO3-F, 5310C. Organic Parameters: EPA 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 200.7, 2..08, 245.1, 300.0, 3005A, 3015, 1312, 6010B, 6010C, 3060A, 353.2, 420.1, 6020, 6020A, SM4500S-D, SM4500-CN-CE, Lachat 10-204-00-1-X, 7196A, 7470A, 9010B, 9040B, 2310B, 2320B, 2510B, 2540B, 2540C, 3500Cr-D, 426C, 4500Cl-E, 4500F-B, 4500F-C, 4500PE, 510AC, 5210B, 5310B 5310C, 5540C. Organic Parameters: EPA 3510C, 3630C, 5030B, 8260B, 608, 624, 625, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330,)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010A, 1030, 3060A, 3050B, 1311, 1312, 6010B, 6010C, 6020, , 7196A, 7471A, 7471B, 6020A, 9030B, 9010B, 9012A, 9014 9040B, 9045C, 9050A, 9065. Organic Parameters: EPA 5035, 3540C, 3546, 3550, 3580, 3630C, 8260B, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330.)

Department of Defense, L-A-B Certificate/Lab ID: L2217.
Drinking Water (Inorganic Parameters: SM 4500H-B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: EPA 200.7, 200.8, 6010B, 6010C, 6020, 6020A, 245.1, 245.2, 7470A, 9040B, 9010B, 180.1. 300.0, 332.0, 6860, 353.2, 410.4, 9060, 1664A, SM 4500CN-E, 4500H-B, 4500NO3-F, 4500CL-D, 5220D, 5310C, 2130B, 2320B, 2540C, 3005A, 3015, 9010B, 9056. Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A, 8082, 8082A, 8021B, 8081B, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 200.7, 6010B, 6010C, 7471A, 6860, 1311, 1312, 3050B, 7196A, 9010B, 9012A, 9040B, 9045C, 3500-CR-D, 4500CN-CE, 2540G, Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A/B-prep, 8082, 8082A, 8081A, 8081B, 3540C, 3546, 3580A, 5035A, MassDEP EPH, MassDEP VPH.)

The following analytes are not included in our current NELAP/TNI Scope of Accreditation:
EPA 8260B: Freon-113, 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8330A:** PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C:** Methyl naphthalene, Dimethyl naphthalene, Total Methylnapthalenes, Total Dimethylnaphthalenes, 1,4-Diphenylhydrazine (Azobenzene). **EPA 625:** 4-Chloroaniline, 4-Methylphenol. Total Phosphorus in a soil matrix, Chloride in a soil matrix, TKN in a soil matrix, NO2 in a soil matrix, NO3 in a soil matrix, SO4 in a soil matrix. **EPA 9071:** Total Petroleum Hydrocarbons, Oil & Grease

MANSFIELD CHAIN OF CUSTODY

PAGE 1 OF 5

Date Rec'd in Lab: 7/20/12

ALPHA Job #: ~~L1212~~ L1213000

ALPHA ANALYTICAL

WESTBORO, MA
TEL: 508-898-9220
FAX: 508-898-9193

MANSFIELD, MA
TEL: 508-822-9300
FAX: 508-822-3288

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-~~8080~~ DGS 1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State / Fed Program Criteria

Other Project Specific Requirements/Comments/Detection Limits:
Project-Specific EDD, Homogenize before analysis, Samples must be frozen or analyzed immediately due to hold time

PLEASE NOTE

MS/MSD (at unit cost) will be omitted unless you check here: ☐

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congener	Sample Specific Comments	TOTAL # BOTTLES
-01	TB-072012-01	7/20/12	0700		DGS	X				Trip Blank - High	3
-01	TB-0720-02	7/20/12	0700		DGS		X			Trip Blank - Low	2
-02	S-12L-B012-2.5-3.0	7/18/12	0755	SE		X					1
-02	S-12L-B012-2.5-3.0						X				2
-02	S-12L-B012-2.5-3.0							X		All 3 analyses	
-02	S-12L-B012-2.5-3.0								X	Archive	
-03	S-12L-B012-4.0-4.5					X					
-03	S-12L-B012-4.0-4.5						X				
-03	S-12L-B012-~~B~~ DGS 4.0-4.5							X		All 3 analyses	
-03	S-12L-B012-4.0-4.5								X	Archive	

Container Type	V	V	A	A
Preservative	F	O	A	A

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	7/20/12 12:05	[signature]	7/20/12 1205

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 101-09 (rev. 27-SEP-10)

Sediment Boring Collection and Analysis
Off the Former Aerovox Site Property Shoreline
W912WJ-09-D-0001

CHAIN OF CUSTODY

PAGE 2 OF 5

Date Rec'd in Lab: 7/20/12

ALPHA Job #: L1213000 L1213000

ALPHA ANALYTICAL

WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193

MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: WOODS Hole Group

Address: 81 Technology Park Dr East Falmouth, MA 02536

Phone: 508-540-8080

Fax: 508-540-1001

Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox

Project Location: New Bedford, MA

Project #: TO-0010-05

Project Manager: Dave Walsh

ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL

☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?

☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)

☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

Project-specific EDD: Homogenize before analysis. Samples must be frozen or analyzed immediately due to hold time

SAMPLE HANDLING

Filtration
☐ Done
☐ Not needed
☐ Lab to do

Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congeners (Archive)	Sample Specific Comments	TOTAL # BOTTLES
-04	S-12L-B012-6.0-6.5	7/18/12	0810	SE	DGS	X					2
-04	S-12L-B012-6.0-6.5						X				2
-04	S-12L-B012-6.0-6.5							X		All 3 analyses	1
-04	S-12L-B012-6.0-6.5								X	Archive	1
-05	S-12L-B012-7.0-7.5					X					1
-05	S-12L-B012-7.0-7.5						X				2
-05	S-12L-B012-7.0-7.5							X		All 3 analyses	1
-05	S-12L-B012-7.0-7.5								X	Archive	1
-06	S-12L-B012-10.5-11.0		0825			X					1
-06	S-12L-B012-10.5-11.0						X				1

Container Type	V	V	A	A
Preservative	F	O	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	07/20/12 12:05	[signature]	7/20/12 1205

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Sediment Boring Collection and Analysis Off the Former Aerovox Site Property Shoreline W912WJ-09-D-0001 Deli Order -05 April 2013

CHAIN OF CUSTODY

PAGE 3 OF 5

Date Rec'd in Lab: 7/20/12

ALPHA Job #: L1213000 L1212300

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0810-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

Project-specific EDD. Homogenize before Sampling. ~~Sampling~~ Samples must be frozen or analyzed immediately due to hold time

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC	Low VOC	SVOC, Total Solid ACS, Aroclor	PCB Congener (Archive)	SAMPLE HANDLING	Sample Specific Comments	TOTAL # BOTTLES
-06	S-12L-B012-10.5-11.0	7/18/12	0825	SE	DGS			X			All 3 Analyses	1
-06	S-12L-B012-10.5-11.0								X		Archive	1
-07	S-12L-B012-13.5-14.0					X						1
-07	S-12L-B012-13.5-14.0						X					2
-07	S-12L-B012-13.5-14.0							X			All 3 Analyses	1
-07	S-12L-B012-13.5-14.0								X		Archive	1
-07	S-12L-B012-13.5-14.0MSMSD					X					MSMSD	1
-07	S-12L-B012-13.5-14.0MSMSD						X				MSMSD	2
-07	S-12L-B012-13.5-14.0MSMSD							X			All 3 Analyses, MSMSD	1
-07	S-12L-B012-13.5-14.0MSMSD								X		Archive, MSMSD	1

CHAIN OF CUSTODY

PAGE 4 OF 5

Date Rec'd in Lab: 7/20/12

ALPHA Job #: L1213000 L1212300

ALPHA ANALYTICAL

WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193

MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: WOODS Hole Group

Address: 81 Technology Park Dr
East Falmouth, MA 02536

Phone: 508-540-8080

Fax: 508-540-1001

Email: DrALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox

Project Location: New Bedford, MA

Project #: TC-0010-05

Project Manager: Dave Walsh

ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: Time:

Report Information - Data Deliverables

☐ FAX ☐ EMAIL

☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?

☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)

☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

Project-specific EPD + Homogenize samples before analysis, Samples must be frozen or analyzed immediately due to hold time

ANALYSIS: High VOC; Low VOC; SVOC; Total Solids; PCB Aroclor; PCB Congener (Archive)

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC	PCB Aroclor	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
-08	S-12L-B012-17.0-17.5	7/18/12	0850	SE	DGS	X						2
-08	S-12L-B012-17.0-17.5						X					2
-08	S-12L-B012-17.0-17.5							X			All 3 analyses	1
-08	S-12L-B012-17.0-17.5								X		Archive	1
-09	S-12L-B012-17.0-17.5 REP					X					REP	2
-09	S-12L-B012-17.0-17.5 REP						X				REP	2
-09	S-12L-B012-17.0-17.5 REP							X			REP, All 3 analyses	1
-09	S-12L-B012-17.0-17.5 REP								X		REP, ~~MS~~ DGS Archive	1
-10	S-12L-B012-18.5-19.0					X						2
-10	S-12L-B012-18.5-19.0						X					2

Container Type	V	V	A	A							
Preservative	F	O	A	A							

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	07/20/12 12:05	[signature]	7/20/12 1205

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Delivery Order 05 April 2013

Sediment Boring Collection and Analysis Off the Former Aerovox Site Property Shoreline W912WJ-09-D-0001

CHAIN OF CUSTODY

PAGE 5 OF 5

Date Rec'd in Lab: 7/20/12

ALPHA Job #: L1215000 L1213000

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:
If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
Project-specific EDD. Homogenize before analysis. Samples must be frozen or analyzed immediately due to hold time

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC	Low VOC	SVOC, Total Solid, PCB	RCP Congener (Archive)	SAMPLE HANDLING: Filtration ☐ Done ☐ Not needed ☐ Lab to do Preservation ☐ Lab to do (Please specify below)	Sample Specific Comments	TOTAL # BOTTLES
-10	S-12L-B012-18.5-19.0	7/18/12	0850	SE	DGS			X			All 3 analyses	2
-10	S-12L-B012-18.5-19.0		0850						X		Archive	1
-11	S-12L-B012-21.0-21.5		0930			X						1
-11	S-12L-B012-21.0-21.5						X					2
-11	S-12L-B012-21.0-21.5							X			All 3 analyses	2
-11	S-12L-B012-21.0-21.5								X		Archive	1

Container Type	V	V	A	A
Preservative	F	O	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
	07/20/12 12:05		7/20/12 1205

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Delivery Order -05 April 2013

Sediment Boring Collection and ~~Analysis~~ Off the Former Aerovox Site Property Shoreline W912WJ-09-D-0001

MANSFIELD CHAIN OF CUSTODY

PAGE 1 OF 5

Date Rec'd in Lab: 7/20/12

ALPHA Job #: ~~L1213000~~ L1213000

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Serial_No:0813121

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-~~8080~~ DGS 1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State / Fed Program Criteria

Other Project Specific Requirements/Comments/Detection Limits: Project-Specific EDD. Homogenize before analysis. Samples must be frozen or analyzed immediately due to hold time

PLEASE NOTE

MS/MSD (at unit cost) will be omitted unless you check here: ☐

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC	Low VOC	SVOC, Total Solid, PCB Aroclor	PCB Congener	Sample Specific Comments	TOTAL # BOTTLES
-01	TB-072012-01	7/20/12	0700		DGS	X				Trip Blank - High	2
-01	TB-0720-02	7/20/12	0700		DGS		X			Trip Blank - Low	2
-02	S-12L-B012-2.5-3.0	7/18/12	0755	SE		X					1
-02	S-12L-B012-2.5-3.0						X				2
-02	S-12L-B012-2.5-3.0							X		All 3 analyses	1
-02	S-12L-B012-2.5-3.0								X	Archive	1
-03	S-12L-B012-4.0-4.5					X					1
-03	S-12L-B012-4.0-4.5						X				2
-03	S-12L-B012-~~B~~ DGS 4.0-4.5							X		All 3 analyses	1
-03	S-12L-B012-4.0-4.5								X	Archive	1
					Container Type	V	V	A	A		
					Preservative	F	O	A	A		

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	7/20/12 12:05	[signature]	7/20/12 1205
[signature]	7/20/12 1205	[signature]	7/25/12 0930
[signature]	7/25/12 0900	[signature]	7/25/12 0900

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 101-09 (rev. 27-SEP-10)

CHAIN OF CUSTODY

PAGE 2 OF 5

Date Rec'd in Lab: 7/20/12

ALPHA Job #: L1212300

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Serial_No:081312

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

Project-specific RDD: Homogenize before analysis. Samples must be frozen or analyzed immediately due to hold time

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High VOC	Low VOC	SVOC, Total Solid PCB + Metals	PCB Congeners (Archive)	SAMPLE HANDLING	Sample Specific Comments	TOTAL # BOTTLES
-04	S-12L-B012-6.0-6.5	7/18/12	0810	SE	DGS	X						2
-04	S-12L-B012-6.0-6.5						X					3
-04	S-12L-B012-6.0-6.5							X			All 3 analyses	1
-04	S-12L-B012-6.0-6.5								X		Archive	1
-05	S-12L-B012-7.0-7.5					X						1
-05	S-12L-B012-7.0-7.5						X					3
-05	S-12L-B012-7.0-7.5							X			All 3 analyses	1
-05	S-12L-B012-7.0-7.5								X		Archive	1
-04	S-12L-B012-10.5-11.0		0825			X						1
-06	S-12L-B012-10.5-11.0						X					2
					Container Type	V	V	A	A			
					Preservative	F	O	A	N			

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
	07/20/12 12:05		7/20/12 1205
	7/20/12 12:05		7/21/12 0730
	7/25/12 0900		7/25/12 0900

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

CHAIN OF CUSTODY

PAGE 3 OF 5

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 7/20/12

ALPHA Job #: L1212300

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM
Serial No:08131211

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0810-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Deliverables: ADEx

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
Project-specific EDD. Homogenize before Sampling. ~~Sampling~~ Samples must be frozen or analyzed immediately due to hold time

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC	Low VOC	SVOC, Total Solid, PCB	PCB Congener (Archive)	SAMPLE HANDLING	Sample Specific Comments	TOTAL # BOTTLES
-06	S-12L-B012-10.5-11.0	7/18/12	0825	SE	DGS			X			All 3 Analyses	1
-06	S-12L-B012-10.5-11.0								X		Archive	1
-07	S-12L-B012-13.5-14.0					X						1
-07	S-12L-B012-13.5-14.0						X					2
-07	S-12L-B012-13.5-14.0							X			All 3 Analyses	1
-07	S-12L-B012-13.5-14.0								X		Archive	1
-07	S-12L-B012-13.5-14.0MSMSD					X					MSMSD	1
-07	S-12L-B012-13.5-14.0MSMSD						X				MSMSD	2
-07	S-12L-B012-13.5-14.0MSMSD							X			All 3 Analyses, MSMSD	1
-07	S-12L-B012-13.5-14.0MSMSD								X		Archive, MSMSD	1

SAMPLE HANDLING: Filtration ☐ Done ☐ Not needed ☐ Lab to do; Preservation ☐ Lab to do (Please specify below)

Container Type	V	V	A	A
Preservative	P	O	A	A

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
	7/20/12 12:05		7/20/12 1205
	7/20/12 12:05		7/23/12 0830
7/25/12 0900		7/25/12 0900	

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

April 2013

CHAIN OF CUSTODY

PAGE 4 OF 5

Date Rec'd in Lab: 7/20/12

ALPHA Job #: L1212 3000

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Serial_No:081312

Client Information

Client: WOODS Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
Project-specific EPD. Homogenize samples before analysis, Samples must be frozen or analyzed immediately due to hold time

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: High VOC	Low VOC	SVOC, Total Solid PCB Aroclor	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
-08	S-12L-B012-17.0-17.5	7/18/12	0850	SE	DGS	X					1
-08	S-12L-B012-17.0-17.5						X				2
-08	S-12L-B012-17.0-17.5							X		All 3 analyses	1
-08	S-12L-B012-17.0-17.5								X	Archive	1
-09	S-12L-B012-17.0-17.5 REP					X				REP	1
-09	S-12L-B012-17.0-17.5 REP						X			REP	2
-09	S-12L-B012-17.0-17.5 REP							X		REP, All 3 analyses	1
-09	S-12L-B012-17.0-17.5 REP								X	REP, ~~MSAI~~ DGS Archive	1
-10	S-12L-B012-18.5-19.0					X					1
-10	S-12L-B012-18.5-19.0						X				2
					Container Type	V	V	A	A		
					Preservative	F	O	A	A		

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	07/20/12 12:05	[signature]	7/20/12 1205
[signature]	07/20/12 12:05	[signature]	7/25/12 0730
[signature]	7/25/12 0900	[signature]	7/25/12 0900

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

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Sediment Boring Collection and Analysis Off the Former Aerovox Site Property Shoreline W912WJ-09-D-0001
Delivery Order 0-05 April 2013

CHAIN OF CUSTODY

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Date Rec'd in Lab: 7/20/12

ALPHA Job #: L1212300

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Woods Hole Group
Address: 81 Technology Park Dr
East Falmouth, MA 02536
Phone: 508-540-8080
Fax: 508-540-1001
Email: DWALSH@WHGRP.COM
Serial_No:08131211

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: New Bedford Aerovox
Project Location: New Bedford, MA
Project #: TO-0010-05
Project Manager: Dave Walsh
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State (Fed) Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?
☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)
☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required, indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)
Project-specific EDD. Homogenize before analysis. Samples must be frozen or analyzed immediately due to hold time

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	High Vol	Low Vol	SVOC, Total Solid, PCB	PCB Congener (Archive)	Sample Specific Comments	TOTAL # BOTTLES
-10	S-12L-B012-18.5-19.0	7/18/12	0850	SE	DGS			X		All 3 analyses	1
-10	S-12L-B012-18.5-19.0		0850						X	Archive	1
-11	S-12L-B012-21.0-21.5		0930			X					1
-11	S-12L-B012-21.0-21.5						X				2
-11	S-12L-B012-21.0-21.5							X		All 3 analyses	1
-11	S-12L-B012-21.0-21.5								X	Archive	1

SAMPLE HANDLING

Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

Container Type	V	V	A	A	
Preservative	F	O	A	A	

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP or CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
	07/20/12 12:05		7/20/12 1205
	7/20/12 1205		7/25/12 0720
	7/25/12 0900		7/25/12 0900

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 18-Jan-2010)

Delivery Order D-223105 April 2013

Sediment Boring Collection and Analysis Off the Former Aerovox Site Property Shoreline W912WJ-09-D-0001

FINAL REPORT

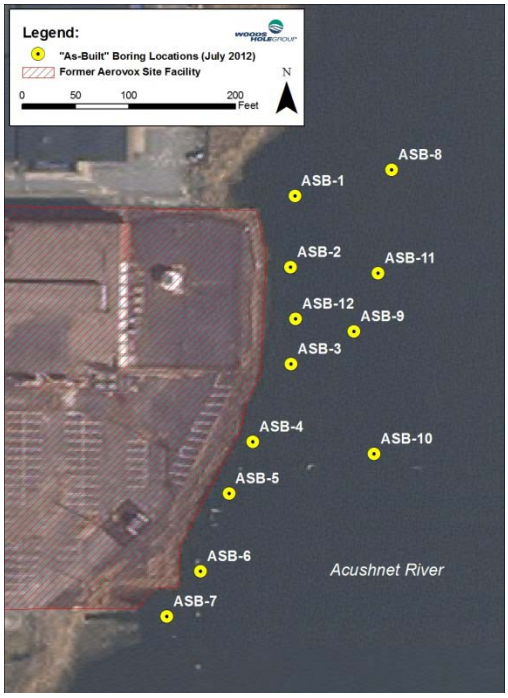
SEDIMENT BORING COLLECTION AND ANALYSIS OFF THE FORMER AEROVOX SITE PROPERTY SHORELINE, NEW BEDFORD, MA

APRIL 2013

NEW BEDFORD HARBOR SUPERFUND SITE, OU #1

Contract No. W912WJ-09-D-0001-0010-05

APPENDIX E



Prepared For:
United States Army Corps of Engineers
New England District
696 Virginia Road
Concord, MA 01742

Prepared By:
Woods Hole Group, Inc.
81 Technology Park Drive
East Falmouth, MA 02536

April 2013

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INTRODUCTION

Data were validated by New Environmental Horizons. A data validation (DV) report was produced for each sample delivery group (SDG). Alpha Analytical Laboratories divided samples into SDGs upon receipt, which were assigned a unique 7-digit number preceded by the letter L. One SDG typically consists of 20 samples, though they are not necessarily all from the same boring. Refer to Appendix D for a table that associates each boring ID with each SDG.

A DV report is made up of three to six data files. A DV report only had checklists for the analyses reported in its associated SDG. The table below, using SDG L1212918 as an example, describes the contents of each DV file.

File name	File type	Description
dbval_L1212918dv	.CSV	Comma-delimited database file of validated sample results
NBH_Aerovox_DV_Report_L1212918	.PDF	Data validation report letter summarizing actions taken
High-level VOC_Aerovox_Tier I+_Checklist_L1212918	.PDF	Data review checklist for High-level VOC analyses
Low-Level VOC_Aerovox_Tier I+_Checklist_L1212918	.PDF	Data review checklist for Low-level VOC analyses
PCBAroclors_Aerovox_GCECD_Tier I+_Checklist_L1212918	.PDF	Data review checklist for PCB Aroclor analyses
SVOCs_Aerovox_Tier I+_Checklist_L1212918	.PDF	Data review checklist for SVOC analyses

This Appendix document includes the DV validation report letters only. All other data files associated with each SDG are included as electronic attachments on the accompanying CD.

Data Validation Report
EPA Region I Tier I+
VOCs by 8260B & PCB Aroclors by 8082

Client/Company:	Woods Hole Group, Inc. (WHG)
Site/Project Name:	New Bedford Harbor Superfund Site – Aerovox Sampling
Laboratory:	Alpha Analytical – Westborough, MA
Lab Project Number(s):	L1212506
Date(s) of Collection:	July 12, 2012 – July 13, 2012
Number / Type Samples & Analyses for Validation:	12 sediment samples and 1 trip blank (TB) for 53 project-specific Volatile Organic Compounds (VOCs) 12 sediment samples for 9 project-specific Polychlorinated Biphenyl Aroclors (PCB Aroclors)
Senior Data Reviewers:	Nancy C. Rothman, PhD, New Environmental Horizons, Inc. Susan D. Chapnick, New Environmental Horizons, Inc.
Date Completed:	September 21, 2012

This EPA Region I Tier I+ validation for VOCs and PCB Aroclors was performed with the following intentions: 1) to determine if the data were generated and reported in accordance with the *Quality Assurance Project Plan for Shoreline Drilling and Sampling at the Former Aerovox Property, New Bedford Harbor Superfund Site,* prepared by Woods Hole Group, Inc. and New Environmental Horizons, Inc., July 2012 (Aerovox QAPP 2012); and the Region I, *EPA-NE Data Validation Functional Guidelines for Evaluating Environmental Analyses,* December 1996, including *Part II – Volatile /Semivolatile Data Validation Functional Guidelines*, and *Part III – Pesticide/PCB Data Validation Functional Guidelines*; 2) to determine if the data met project data quality objectives for acceptable accuracy, precision, sensitivity; and technical usability; and 3) to generate an electronic deliverable of validated results with project-specific data validation qualifiers added.

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www.neh-inc.com

The Data Validation Report consists of three parts:

- This Data Validation Report letter summarizing the actions taken;
- The database file of validated sample results with validation qualifiers, bias, and comments added based on actions taken; and
- The Data Review Checklists completed during this validation to document the Tier I+ reviews. The Checklists are an integral part of the DV Report as they contain comprehensive details of all quality control (QC) reviewed, the acceptance criteria used, and the professional judgment and actions taken.

I. Sample Descriptions and Analytical Parameters

The sample IDs, date of sampling, identification analytical parameters reviewed and the sample type (e.g., field sample, field duplicate (FD), field equipment blank (EB), trip blank (TB), as applicable), are listed below in Table 1.

Table 1. Sample Descriptions and Analytical Parameters Validated

Sample ID	Lab Sample ID	Collection Date	Matrix	Analytical Parameters	Sample Type
S-12L-B001-1.0-1.5	L1212506-01	7/12/2012	Sediment	High-level VOCs & PCB Aroclors	Field Sample
TB-071212-03	L1212506-02	7/6/2012	Sediment	High-level VOCs	Trip Blank
S-12L-B001-4.0-4.5	L1212506-03	7/12/2012	Sediment	High-level VOCs & PCB Aroclors	Field Sample
S-12L-B001-6.0-6.5	L1212506-04	7/12/2012	Sediment	High-level VOCs & PCB Aroclors	Field Sample
S-12L-B001-21.5-22.0	L1212506-05	7/12/2012	Sediment	High-level VOCs & PCB Aroclors	Field Sample
S-12L-B001-16.7-17.2	L1212506-06	7/12/2012	Sediment	High-level VOCs & PCB Aroclors	Field Sample
S-12L-B001-18.6-19.1	L1212506-07	7/12/2012	Sediment	High-level VOCs & PCB Aroclors	Field Sample
S-12L-B001-18.6-19.1 REP	L1212506-08	7/12/2012	Sediment	High-level VOCs & PCB Aroclors	FD of S-12L-B001-18.6-19.1
S-12L-B001-23.5-24.0	L1212506-09	7/12/2012	Sediment	High-level VOCs & PCB Aroclors	Field Sample
S-12L-B001-25.3-25.8	L1212506-10	7/12/2012	Sediment	High-level VOCs & PCB Aroclors	Field Sample
S-12L-B001-27.2-27.7	L1212506-11	7/12/2012	Sediment	High-level VOCs & PCB Aroclors	Field Sample

Table 1. Sample Descriptions and Analytical Parameters Validated - *continued*

Sample ID	Lab Sample ID	Collection Date	Matrix	Analytical Parameters	Sample Type
S-12L-B002-1.0-1.5	L1212506-12	7/13/2012	Sediment	High-level VOCs & PCB Aroclors	Field Sample
S-12L-B002-3.0-3.5	L1212506-13	7/13/2012	Sediment	High-level VOCs & PCB Aroclors	Field Sample

Note: TB and EB results were reviewed for potential blank actions; however, full data review of these field QC samples was not performed as these results are not directly used for project decisions.

Analytical method references:

VOCs: *Volatile Organic Compounds by Gas Chromatography / Mass Spectrometry (GC/MS)* in EPA's Test Methods for Evaluating Solid Waste, Physical Chemical Methods, SW-846, Third Edition, Method 8260B, Rev. 2, December 1996, using high-level methanol preservation by SW-846 Method 5035A.

PCB Aroclors: *Polychlorinated Biphenyls (PCBs) by Gas Chromatography* in EPA's Test Methods for Evaluating Solid Waste, Physical Chemical Methods, SW-846, Third Edition, Method 8082, Rev. 1, February 2007.

II. Data Validation Report Summary

This Data Validation Report represents a Tier I+ validation of VOCs and PCB Aroclors sample results and summary QC (method and matrix), which were used to evaluate accuracy, precision, and sensitivity compared to the Aerovox QAPP 2012 requirements, as applicable.

The following QC elements, as applicable to the analytical methods, were reviewed:

- Data package completeness and reporting protocols
- Sample receipt, holding times and preservation criteria
- Blank results including Method Blanks, Equipment Blanks, & Trip blanks
- Laboratory Control Sample (LCS) recoveries / LCS Duplicate Recoveries
- Surrogate Recoveries
- Matrix Spike (MS) / Matrix Spike Duplicate (MSD) Recoveries
- MS/MSD, LCS/LCSD, sample/Laboratory Duplicate (LD), or sample/Field Duplicate (FD) Relative Percent Differences (RPDs)
- Sample result reporting (including compound lists, reporting limits, and units)
- Calibration criteria* (including tune criteria, initial calibration and continuing calibration verification)
- Internal Standard (IS) Recoveries*
- Retention Time windows*
- Other method-specific QC if applicable and reported* (e.g., serial dilution results for metals)
- Deficiencies or protocol deviations as noted in the Laboratory Narrative

* This QC element is reviewed associated with the Tier II-type validation only. For Tier I+ validations this QC element is assumed to be acceptable unless otherwise noted in the laboratory narrative.

Based on this Tier I+ validation of VOCs and PCB Aroclors, all results were considered usable for project decisions based on a comparison to the Aerovox QAPP 2012 requirements, with the understanding of the potential uncertainty (bias) in the qualified results summarized in Table 2. NEH generated electronic validated results based on the project database file received from WHG for these data, by updating the following database fields for field samples and field QC only: VALID_QUAL, VALIDATION_LEVEL, VALIDATION, VALID_DATE, BIAS, and DV_COMMENT.

All VOCs were analyzed using high-level methanol sample preservation so as to be able to report data to the client within 24 hours of sample collection. Samples that reported all 53 project-specific VOCs as non-detect in the high-level analysis were also analyzed using low-level aqueous preservation and were reported in SDG L1212508.

The remainder of this report documents "exceptions" to the Aerovox QAPP 2012 criteria, as applicable, or clarifications of data reported. QC elements not discussed below met all QAPP criteria. The full documentation of all QC elements reviewed during the Tier I+ validations are presented in the attached Data Validation Checklists.

Accuracy

PCB surrogates were not recovered (reported at 0% recovery) in samples S-12L-B001-1.0-1.5, S-12L-B001-4.0-4.5, and S-12L-B001-6.0-6.5 due to dilutions made for analysis of these samples to report all detects within the instrument calibration range. No action was required since the surrogates were diluted-out.

LCS/LCSD recoveries demonstrated acceptable accuracy for VOCs and PCB Aroclors. There were no MS/MSD analyses performed; therefore, it was not possible to evaluate accuracy for VOCs and PCB Aroclors from the site sediment matrix in this SDG.

The method blanks were non-detect for VOCs and PCB Aroclors. The associated trip blank (TB) and equipment blank (EB) are reported in SDG L1212508. The TB was non-detect for all VOCs and the EB was non-detect for both VOCs and PCB Aroclors. No blank actions were required.

Precision

The field duplicate samples for this sediment set were: S-12L-B001-18.6-19.1 and S-12L-B001-18.6-19.1 REP. All high-level VOCs were non-detect for both samples; therefore, while these results are consistent with one another, it is not possible to quantitatively evaluate field duplicate precision through calculation of RPD. FD precision was acceptable for PCB Aroclors in these samples. These results are an indication of acceptable representativeness and precision for the sediment samples to the site locations from sample collection through analysis for VOCs and PCB Aroclors.

Sensitivity & Reporting

The laboratory reported results for all 53 project-specific target VOCs and 9 PCB Aroclors required in the Aerovox QAPP 2012. As there were no Project Action Limits (PALs) for the analytes reported, all

data met sensitivity requirements. Sample-specific reporting limits (RLs) were reported for all samples.

Sample S-12L-B002-1.0-1.5 reported very low percent solids (14%). EPA Region I DV criteria indicates that for samples containing greater than or equal to 10% solids but less than or equal to 30% solids, all detects should be qualified as estimated (J) and non-detects rejected (R) as unusable data. Since the objective for this sampling was to evaluate the vertical nature and extent of chemical contaminants in sediments, professional judgment was used to estimate (UJ) non-detect data rather than reject these data based on low % solids content. The user is cautioned that non-detects for samples with less than 30% solids may not be representative of the site location. All VOC and PCB Aroclor results for sample S-12L-B002-1.0-1.5 were estimated (J and UJ) with indeterminate bias due to low percent solids content of the sample as shown in Table 2.

The laboratory reported all results for samples analyzed with dilutions (i.e., DF > 1) with a "D" qualifier. At Battelle's request, these "D" qualifiers were maintained during the DV process.

Table 2. Summary of Data Validation Actions

Field Sample ID	Analyte	Qualifier	Bias	Validation Comments
S-12L-B002-1.0-1.5	All PCB Aroclors	J / UJ	I	Low % Solids content
S-12L-B002-1.0-1.5	All VOCs	DJ / DUJ	I	Low % Solids content

Qualifiers: U = Analyte is non-detect at or above the sample-specific reporting limit (RL); UJ = Non-detect is estimated at the RL; J = Result is estimated; EB = analyte detected in associated equipment blank; EMPC = estimated maximum possible concentration (PCB congeners only); R = Result is rejected and is unusable for project decisions; D = result reported from a dilution analysis (added by laboratory); C = Congener coelutes with another Congener(s) (added by laboratory).

Bias: L = Low; H = High; I = Indeterminate

Abbreviations used in Table 2:
% = percent

Data Validation Report
EPA Region I Tier I+
VOCs by 8260B & SVOCs by 8270C

Client/Company:	Woods Hole Group, Inc. (WHG)
Site/Project Name:	New Bedford Harbor Superfund Site – Aerovox Sampling
Laboratory:	Alpha Analytical – Westborough, MA
Lab Project Number(s):	L1212508
Date(s) of Collection:	July 12, 2012 – July 13, 2012
Number / Type Samples & Analyses for Validation:	3 sediment samples, 2 equipment blanks (EB) and 1 trip blank (TB) for 53 project-specific Volatile Organic Compounds (VOCs) 12 sediment samples and 2 EBs for 67 project-specific Semivolatile Organic Compounds (SVOCs)
Senior Data Reviewers:	Nancy C. Rothman, PhD, New Environmental Horizons, Inc. Susan D. Chapnick, New Environmental Horizons, Inc.
Date Completed:	September 21, 2012

This EPA Region I Tier I+ validation for VOCs and SVOCs was performed with the following intentions: 1) to determine if the data were generated and reported in accordance with the *Quality Assurance Project Plan for Shoreline Drilling and Sampling at the Former Aerovox Property, New Bedford Harbor Superfund Site,* prepared by Woods Hole Group, Inc. and New Environmental Horizons, Inc., July 2012 (Aerovox QAPP 2012); and the Region I, *EPA-NE Data Validation Functional Guidelines for Evaluating Environmental Analyses*, December 1996, including *Part II – Volatile /Semivolatile Data Validation Functional Guidelines*; 2) to determine if the data met project data quality objectives for acceptable accuracy, precision, sensitivity; and technical usability; and 3) to generate an electronic deliverable of validated results with project-specific data validation qualifiers added.

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2 Farmer's Circle, Arlington, MA 02474 (781) 643-4294 schapnick@neh-inc.com
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The Data Validation Report consists of three parts:

- This Data Validation Report letter summarizing the actions taken;
- The database file of validated sample results with validation qualifiers, bias, and comments added based on actions taken; and
- The Data Review Checklists completed during this validation to document the Tier I+ reviews. The Checklists are an integral part of the DV Report as they contain comprehensive details of all quality control (QC) reviewed, the acceptance criteria used, and the professional judgment and actions taken.

I. Sample Descriptions and Analytical Parameters

The sample IDs, date of sampling, identification analytical parameters reviewed and the sample type (e.g., field sample, field duplicate (FD), field equipment blank (EB), trip blank (TB), as applicable), are listed below in Table 1.

Table 1. Sample Descriptions and Analytical Parameters Validated

Sample ID	Lab Sample ID	Collection Date	Matrix	Analytical Parameters	Sample Type
S-12L-B001-1.0-1.5	L1212508-01	7/12/2012	Sediment	SVOCs	Field Sample
EB-071212-01	L1212508-02	7/12/2012	Water	Low-level VOCs, PCB Aroclors & SVOCs	Equipment Blank
S-12L-B001-4.0-4.5	L1212508-03	7/12/2012	Sediment	SVOCs	Field Sample
S-12L-B001-6.0-6.5	L1212508-04	7/12/2012	Sediment	SVOCs	Field Sample
S-12L-B001-21.5-22.0	L1212508-05	7/12/2012	Sediment	SVOCs	Field Sample
S-12L-B001-16.7-17.2	L1212508-06	7/12/2012	Sediment	SVOCs	Field Sample
S-12L-B001-18.6-19.1	L1212508-07	7/12/2012	Sediment	Low-level VOCs & SVOCs	Field Sample
S-12L-B001-18.6-19.1 REP	L1212508-08	7/12/2012	Sediment	Low-level VOCs & SVOCs	FD of S-12L-B001-18.6-19.1
S-12L-B001-23.5-24.0	L1212508-09	7/12/2012	Sediment	SVOCs	Field Sample
S-12L-B001-25.3-25.8	L1212508-10	7/12/2012	Sediment	SVOCs	Field Sample
S-12L-B001-27.2-27.7	L1212508-11	7/12/2012	Sediment	Low-level VOCs & SVOCs	Field Sample

Table 1. Sample Descriptions and Analytical Parameters Validated - *continued*

Sample ID	Lab Sample ID	Collection Date	Matrix	Analytical Parameters	Sample Type
EB-071312-01	L1212508-12	7/13/2012	Water	Low-level VOCs, PCB Aroclors & SVOCs	Equipment Blank
S-12L-B002-1.0-1.5	L1212508-13	7/13/2012	Sediment	SVOCs	Field Sample
S-12L-B002-3.0-3.5	L1212508-14	7/13/2012	Sediment	SVOCs	Field Sample
TB-071212-02	L1212508-16	7/6/2012	Sediment	Low-level VOCs	Trip Blank

Note: TB and EB results were reviewed for potential blank actions; however, full data review of these field QC samples was not performed as these results are not directly used for project decisions.

Analytical method references:

VOCs: *Volatile Organic Compounds by Gas Chromatography / Mass Spectrometry (GC/MS)* in EPA's Test Methods for Evaluating Solid Waste, Physical Chemical Methods, SW-846, Third Edition, Method 8260B, Rev. 2, December 1996, using low-level aqueous preservation by SW-846 Method 5035A.

SVOCs: *Semivolatile Organic Compounds by Gas Chromatography / Mass Spectrometry (GC/MS)* in EPA's Test Methods for Evaluating Solid Waste, Physical Chemical Methods, SW-846, Third Edition, Method 8270C, Rev. 2, December 1996.

PCB Aroclors: *Polychlorinated Biphenyls (PCBs) by Gas Chromatography* in EPA's Test Methods for Evaluating Solid Waste, Physical Chemical Methods, SW-846, Third Edition, Method 8082, Rev. 1, February 2007.

II. Data Validation Report Summary

This Data Validation Report represents a Tier I+ validation of VOC and SVOC sample results and summary QC (method and matrix), which were used to evaluate accuracy, precision, and sensitivity compared to the Aerovox QAPP 2012 requirements, as applicable.

The following QC elements, as applicable to the analytical methods, were reviewed:

- Data package completeness and reporting protocols
- Sample receipt, holding times and preservation criteria
- Blank results including Method Blanks, Equipment Blanks, & Trip blanks
- Laboratory Control Sample (LCS) recoveries / LCS Duplicate Recoveries
- Surrogate Recoveries
- Matrix Spike (MS) / Matrix Spike Duplicate (MSD) Recoveries
- MS/MSD, LCS/LCSD, sample/Laboratory Duplicate (LD), or sample/Field Duplicate (FD) Relative Percent Differences (RPDs)
- Sample result reporting (including compound lists, reporting limits, and units)

- Calibration criteria* (including tune criteria, initial calibration and continuing calibration verification)
- Internal Standard (IS) Recoveries*
- Retention Time windows*
- Other method-specific QC if applicable and reported* (e.g., serial dilution results for metals)
- Deficiencies or protocol deviations as noted in the Laboratory Narrative

* This QC element is reviewed associated with the Tier II-type validation only. For Tier I+ validations this QC element is assumed to be acceptable unless otherwise noted in the laboratory narrative.

Based on this Tier I+ validation of VOCs and SVOCs, all results were considered usable for project decisions based on a comparison to the Aerovox QAPP 2012 requirements, with the understanding of the potential uncertainty (bias) in the qualified results summarized in Table 2. NEH generated electronic validated results based on the project database file received from WHG for these data, by updating the following database fields for field samples and field QC only: VALID_QUAL, VALIDATION_LEVEL, VALIDATION, VALID_DATE, BIAS, and DV_COMMENT.

Samples that reported all 53 project-specific VOCs as non-detect in the high-level analysis reported in SDG L1212506, were also analyzed using low-level aqueous preservation and were reported in this SDG L1212508. Three sediment samples, the two EBs, and one TB, as shown in Table 1, were analyzed using the low-level preservation VOC analysis.

The remainder of this report documents "exceptions" to the Aerovox QAPP 2012 criteria, as applicable, or clarifications of data reported. QC elements not discussed below met all QAPP criteria. The full documentation of all QC elements reviewed during the Tier I+ validations are presented in the attached Data Validation Checklists.

Accuracy

SVOC surrogates were not recovered (reported at 0% recovery) in sample S-12L-B001-4.0-4.5 due to a dilution made for analysis of this sample to report all detects within the instrument calibration range. No action was required since the surrogates were diluted-out.

LCS/LCSD recoveries demonstrated acceptable accuracy for VOCs and SVOCs. There were no MS/MSD analyses performed on samples in this SDG; therefore, it was not possible to evaluate accuracy for VOCs and SVOCs from the site sediment matrix in this SDG.

One method blank for VOCs reported a low-level detection of chloroform. A comparison of this result with the associated samples indicated that blank action was not required. All other blanks (method, TB, and EB) were non-detect for VOCs and SVOCs. No blank actions were required.

Precision

The field duplicate samples for this sediment set were: S-12L-B001-18.6-19.1 and S-12L-B001-18.6-19.1 REP. All SVOCs were non-detect for both samples; therefore, while these results are consistent with one another, it is not possible to quantitatively evaluate field duplicate precision through

calculation of RPD. FD precision was acceptable for low-level VOCs in these samples except for trichloroethene. Trichloroethene was estimated (J) in the FD pair with indeterminate bias based on the observed imprecision. These results are an indication of generally acceptable representativeness and precision for the sediment samples to the site locations from sample collection through analysis for VOCs and SVOCs.

Sensitivity & Reporting

The laboratory reported results for all 53 project-specific target VOCs and 67 project-specific SVOCs required in the Aerovox QAPP 2012. As there were no Project Action Limits (PALs) for the analytes reported, all data met sensitivity requirements. Sample-specific reporting limits (RLs) were reported for all samples.

Sample S-12L-B002-1.0-1.5 reported very low percent solids (14%). EPA Region I DV criteria indicates that for samples containing greater than or equal to 10% solids but less than or equal to 30% solids, all detects should be qualified as estimated (J) and non-detects rejected (R) as unusable data. Since the objective for this sampling was to evaluate the vertical nature and extent of chemical contaminants in sediments, professional judgment was used to estimate (UJ) non-detect data rather than reject these data based on low % solids content. The user is cautioned that non-detects for samples with less than 30% solids may not be representative of the site location. All SVOC results for sample S-12L-B002-1.0-1.5 were estimated (J and UJ) with indeterminate bias due to low percent solids content of the sample as shown in Table 2.

The laboratory reported all results for samples analyzed with dilutions (i.e., DF > 1) with a "D" qualifier. At Battelle's request, these "D" qualifiers were maintained during the DV process.

Table 2. Summary of Data Validation Actions

Field Sample ID	Analyte	Qualifier	Bias	Validation Comments
S-12L-B002-1.0-1.5	All SVOCs	J / UJ	I	Low % Solids content
S-12L-B001-18.6-19.1 S-12L-B001-18.6-19.1 REP	Trichloroethene	J	I	FD imprecision

Qualifiers: U = Analyte is non-detect at or above the sample-specific reporting limit (RL); UJ = Non-detect is estimated at the RL; J = Result is estimated; EB = analyte detected in associated equipment blank; EMPC = estimated maximum possible concentration (PCB congeners only); R = Result is rejected and is unusable for project decisions; D = result reported from a dilution analysis (added by laboratory); C = Congener coelutes with another Congener(s) (added by laboratory).

Bias: L = Low; H = High; I = Indeterminate

Abbreviations used in Table 2:
% = percent
FD = Field Duplicate

Data Validation Report
EPA Region I Tier I+
VOCs by 8260B & PCB Aroclors by 8082

Client/Company:	Woods Hole Group, Inc. (WHG)
Site/Project Name:	New Bedford Harbor Superfund Site – Aerovox Sampling
Laboratory:	Alpha Analytical – Westborough, MA
Lab Project Number(s):	L1212524
Date(s) of Collection:	July 13, 2012
Number / Type Samples & Analyses for Validation:	9 sediment samples, 1 equipment blank (EB), and 2 trip blanks (TB) for 53 project-specific Volatile Organic Compounds (VOCs) 9 sediment samples and 1 EB for 9 project-specific Polychlorinated Biphenyl Aroclors (PCB Aroclors)
Senior Data Reviewers:	Nancy C. Rothman, PhD, New Environmental Horizons, Inc. Susan D. Chapnick, New Environmental Horizons, Inc.
Date Completed:	October 5, 2012

Revised November 16, 2012 to correct Equipment Blank associations

This EPA Region I Tier I+ validation for VOCs and PCB Aroclors was performed with the following intentions: 1) to determine if the data were generated and reported in accordance with the *Quality Assurance Project Plan for Shoreline Drilling and Sampling at the Former Aerovox Property, New Bedford Harbor Superfund Site*, prepared by Woods Hole Group, Inc. and New Environmental Horizons, Inc., July 2012 (Aerovox QAPP 2012); and the Region I, *EPA-NE Data Validation Functional Guidelines for Evaluating Environmental Analyses*, December 1996, including *Part II – Volatile /Semivolatile Data Validation Functional Guidelines*, and *Part III – Pesticide/PCB Data Validation Functional Guidelines*; 2) to determine if the data met project data quality objectives for acceptable accuracy, precision, sensitivity; and technical usability; and 3) to generate an electronic deliverable of validated results with project-specific data validation qualifiers added.

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The Data Validation Report consists of three parts:

- This Data Validation Report letter summarizing the actions taken;
- The database file of validated sample results with validation qualifiers, bias, and comments added based on actions taken; and
- The Data Review Checklists completed during this validation to document the Tier I+ reviews. The Checklists are an integral part of the DV Report as they contain comprehensive details of all quality control (QC) reviewed, the acceptance criteria used, and the professional judgment and actions taken.

I. Sample Descriptions and Analytical Parameters

The sample IDs, date of sampling, identification analytical parameters reviewed and the sample type (e.g., field sample, field duplicate (FD), field equipment blank (EB), trip blank (TB), as applicable), are listed below in Table 1.

Table 1. Sample Descriptions and Analytical Parameters Validated

Sample ID	Lab Sample ID	Collection Date	Matrix	Analytical Parameters	Sample Type
S-12L-B002-5.5-6.0	L1212524-01	713/2012	Sediment	High-level VOCs & PCB Aroclors	Field Sample
S-12L-B002-5.5-6.0 REP	L1212524-02	713/2012	Sediment	High-level VOCs & PCB Aroclors	FD of S-12L-B002-5.5-6.0
TB-071312-01	L1212524-03	713/2012	Sediment	High-level VOCs	Trip Blank
TB-071312-03	L1212524-04	713/2012	Sediment	Low-level VOCs	Trip Blank
EB-071312-02	L1212524-05	713/2012	Sediment	High-level VOCs & PCB Aroclors	Equipment Blank
S-12L-B002-8.0-8.5	L1212524-06	713/2012	Sediment	High-level VOCs & PCB Aroclors	Field Sample
S-12L-B002-12-12.5	L1212524-07	713/2012	Sediment	High-level VOCs & PCB Aroclors	Field Sample
S-12L-B002-14-14.5	L1212524-08	713/2012	Sediment	High-level VOCs & PCB Aroclors	Field Sample
S-12L-B002-17.5-18	L1212524-09	713/2012	Sediment	High-level VOCs & PCB Aroclors	Field Sample
S-12L-B002-19.5-20	L1212524-10	713/2012	Sediment	High-level VOCs & PCB Aroclors	Field Sample
S-12L-B002-24-24.5	L1212524-11	713/2012	Sediment	High-level VOCs & PCB Aroclors	Field Sample

Table 1. Sample Descriptions and Analytical Parameters Validated - *continued*

Sample ID	Lab Sample ID	Collection Date	Matrix	Analytical Parameters	Sample Type
S-12L-B002-24.5-25	L1212524-12	7/13/2012	Sediment	High-level VOCs & PCB Aroclors	Field Sample

Note: TB and EB results were reviewed for potential blank actions; however, full data review of these field QC samples was not performed as these results are not directly used for project decisions.

Analytical method references:

VOCs: *Volatile Organic Compounds by Gas Chromatography / Mass Spectrometry (GC/MS)* in EPA's Test Methods for Evaluating Solid Waste, Physical Chemical Methods, SW-846, Third Edition, Method 8260B, Rev. 2, December 1996, using high-level methanol preservation by SW-846 Method 5035A.

PCB Aroclors: *Polychlorinated Biphenyls (PCBs) by Gas Chromatography* in EPA's Test Methods for Evaluating Solid Waste, Physical Chemical Methods, SW-846, Third Edition, Method 8082, Rev. 1, February 2007.

II. Data Validation Report Summary

This Data Validation Report represents a Tier I+ validation of VOCs and PCB Aroclors sample results and summary QC (method and matrix), which were used to evaluate accuracy, precision, and sensitivity compared to the Aerovox QAPP 2012 requirements, as applicable.

The following QC elements, as applicable to the analytical methods, were reviewed:

- Data package completeness and reporting protocols
- Sample receipt, holding times and preservation criteria
- Blank results including Method Blanks, Equipment Blanks, & Trip blanks
- Laboratory Control Sample (LCS) recoveries / LCS Duplicate Recoveries
- Surrogate Recoveries
- Matrix Spike (MS) / Matrix Spike Duplicate (MSD) Recoveries
- MS/MSD, LCS/LCSD, sample/Laboratory Duplicate (LD), or sample/Field Duplicate (FD) Relative Percent Differences (RPDs)
- Sample result reporting (including compound lists, reporting limits, and units)
- Calibration criteria* (including tune criteria, initial calibration and continuing calibration verification)
- Internal Standard (IS) Recoveries*
- Retention Time windows*
- Other method-specific QC if applicable and reported* (e.g., serial dilution results for metals)
- Deficiencies or protocol deviations as noted in the Laboratory Narrative

* This QC element is reviewed associated with the Tier II-type validation only. For Tier I+ validations this QC element is assumed to be acceptable unless otherwise noted in the laboratory narrative.

Based on this Tier I+ validation of VOCs and PCB Aroclors, the data were considered usable based on a comparison to the Aerovox QAPP 2012 requirements, with the understanding of the potential

uncertainty (bias) in the qualified results summarized in Table 2. NEH generated electronic validated results based on the project database file received from WHG for these data, by updating the following database fields for field samples and field QC only: VALID_QUAL, VALIDATION_LEVEL, VALIDATION, VALID_DATE, BIAS, and DV_COMMENT.

All VOCs were analyzed using high-level methanol sample preservation so as to be able to report data to the client within 24 hours of sample collection. Samples that reported all 53 project-specific VOCs as non-detect in the high-level analysis were also analyzed using low-level aqueous preservation and were reported in SDG L1212527.

The Matrix Spike Analysis Batch Quality Control summary form reported the "MS Found" and/or "MSD Found" as "ND" if the value found for a compound was less than the sample-specific reporting limit. Consequently, the "MS %Recovery" or "MSD %Recovery" was reported as "0" for these results. However, an evaluation of the raw data indicated that recoveries were acceptable, except as indicated below in the accuracy section of this report. In addition, the "RPD" calculation for the MS and MSD in this summary form used the "MS Found" and "MSD Found" values rather than "MS %Recovery" and "MSD %Recovery," which lead to erroneous RPD values for low-level VOC analyses. The concentrations found for the MS and MSD are based on the actual weights of sample analyzed, which may be very different for the MS and MSD in the low-level VOC analysis. During this Tier 1+ validation, the RPDs were evaluated using %Recovery for the MS and MSD and all were considered acceptable unless noted below in the precision section of this report.

The remainder of this report documents "exceptions" to the Aerovox QAPP 2012 criteria, as applicable, or clarifications of data reported. QC elements not discussed below met all QAPP criteria. The full documentation of all QC elements reviewed during the Tier I+ validations are presented in the attached Data Validation Checklists.

Accuracy

MS/MSD analysis was performed on sample S-12L-B002-17.5-18. Accuracy was acceptable for PCB Aroclors and VOCs except for trichlorofluoromethane and chloroethane, which recovered below QAPP criteria but above 10% recovery in the MS and MSD. Chloroethane and trichlorofluoromethane were estimated (UJ) with possible low bias in sample S-12L-B002-17.5-18 as shown in Table 2. Data users should also reference the data validation report for SDG L1212527 where low-level MS/MSD analysis for VOCs was performed on this same field sample.

PCB surrogates were not recovered (reported at 0% recovery) in sample S-12L-B002-5.5-6.0 REP due to the dilution made for analysis of this sample to report all detects within the instrument calibration range. No action was required since the surrogates were diluted-out.

LCS/LCSD recoveries demonstrated acceptable accuracy for VOCs and PCB Aroclors.

The method blanks and trip blanks were non-detect for VOCs and PCB Aroclors. The equipment blank, EB-071312-02, reported in this SDG was non-detect for all VOCs and PCBs except Aroclor 1254; however, this equipment blank was not associated with the samples reported in this SDG. Blank actions were not required.

Precision

MS/MSD and LCS/LCSD precision were acceptable for all VOCs and PCB Aroclors.

The field duplicate samples for this sediment set were: S-12L-B002-5.5-6.0 and S-12L-B002-5.5-6.0 REP. FD precision was acceptable for all VOCs and PCB Aroclors in these samples except Aroclor 1242 and Aroclor 1254. The results for these two Aroclors were estimated (J or DJ) in S-12L-B002-5.5-6.0 and S-12L-B002-5.5-6.0 REP with indeterminate bias due to the observed imprecision, as shown in Table 2. These results are an indication of acceptable representativeness and precision for the sediment samples to the site locations from sample collection through analysis for VOCs but unacceptable precision and representativeness for the samples to the site location for PCB Aroclors.

The project narrative indicated that the QAPP dual column GC precision criteria (given as $\%D \leq \pm 40\%$ in Worksheet #12 & #28 (*combined*)) was exceeded for Aroclor 1260 in sample S-12L-B002-8.0-8.5 and that the laboratory chose to report the lower of the two GC column values since an interference was suspected on the second column. The result for Aroclor 1260 was estimated (J) in this sample with possible low bias, as shown in Table 2.

Sensitivity & Reporting

The laboratory reported results for all 53 project-specific target VOCs and 9 PCB Aroclors required in the Aerovox QAPP 2012. As there were no Project Action Limits (PALs) for the analytes reported, all data met sensitivity requirements. Sample-specific reporting limits (RLs) were reported for all samples.

The laboratory reported all results for samples analyzed with dilutions (i.e., DF > 1) with a "D" qualifier. At Battelle's request, these "D" qualifiers were maintained during the DV process.

Table 2. Summary of Data Validation Actions

Field Sample ID	Analyte	Qualifier	Bias	Validation Comments
S-12L-B002-17.5-18	Chloroethane Trichlorofluoromethane	UJ	L	Low MS/MSD recoveries
S-12L-B002-5.5-6.0 S-12L-B002-5.5-6.0 REP	Aroclor 1254	J / JD	I	FD imprecision
S-12L-B002-5.5-6.0 S-12L-B002-5.5-6.0 REP	Aroclor 1242	J / JD	I	FD imprecision

Table 2. Summary of Data Validation Actions - *continued*

Field Sample ID	Analyte	Qualifier	Bias	Validation Comments
S-12L-B002-8.0-8.5	Aroclor 1260	J	L	Dual Column imprecision

Qualifiers: U = Analyte is non-detect at or above the sample-specific reporting limit (RL); UJ = Non-detect is estimated at the RL; J = Result is estimated; EB = analyte detected in associated equipment blank; EMPC = estimated maximum possible concentration (PCB congeners only); R = Result is rejected and is unusable for project decisions; D = result reported from a dilution analysis (added by laboratory); C = Congener coelutes with another Congener(s) (added by laboratory).

Bias: L = Low; H = High; I = Indeterminate

Abbreviations used in Table 2:
FD = Field Duplicate
MS = Matrix Spike
MSD = Matrix Spike Duplicate

Data Validation Report
EPA Region I Tier I+
VOCs by 8260B & SVOCs by 8270C

Client/Company: Woods Hole Group, Inc. (WHG)

Site/Project Name: New Bedford Harbor Superfund Site – Aerovox Sampling

Laboratory: Alpha Analytical – Westborough, MA

Lab Project Number(s): L1212527

Date(s) of Collection: July 13, 2012

Number / Type Samples & Analyses for Validation: 4 sediment samples and 1 trip blank (TB) for 53 project-specific Volatile Organic Compounds (VOCs)
9 sediment samples and 1 equipment blank (EB) for 67 project-specific Semivolatile Organic Compounds (SVOCs)

Senior Data Reviewers: Nancy C. Rothman, PhD, New Environmental Horizons, Inc.
Susan D. Chapnick, New Environmental Horizons, Inc.

Date Completed: October 5, 2012

This EPA Region I Tier I+ validation for VOCs and SVOCs was performed with the following intentions: 1) to determine if the data were generated and reported in accordance with the *Quality Assurance Project Plan for Shoreline Drilling and Sampling at the Former Aerovox Property, New Bedford Harbor Superfund Site*, prepared by Woods Hole Group, Inc. and New Environmental Horizons, Inc., July 2012 (Aerovox QAPP 2012); and the Region I, *EPA-NE Data Validation Functional Guidelines for Evaluating Environmental Analyses*, December 1996, including *Part II – Volatile /Semivolatile Data Validation Functional Guidelines*; 2) to determine if the data met project data quality objectives for acceptable accuracy, precision, sensitivity; and technical usability; and 3) to generate an electronic deliverable of validated results with project-specific data validation qualifiers added.

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The Data Validation Report consists of three parts:

- This Data Validation Report letter summarizing the actions taken;
- The database file of validated sample results with validation qualifiers, bias, and comments added based on actions taken; and
- The Data Review Checklists completed during this validation to document the Tier I+ reviews. The Checklists are an integral part of the DV Report as they contain comprehensive details of all quality control (QC) reviewed, the acceptance criteria used, and the professional judgment and actions taken.

I. Sample Descriptions and Analytical Parameters

The sample IDs, date of sampling, identification analytical parameters reviewed and the sample type (e.g., field sample, field duplicate (FD), field equipment blank (EB), trip blank (TB), as applicable), are listed below in Table 1.

Table 1. Sample Descriptions and Analytical Parameters Validated

Sample ID	Lab Sample ID	Collection Date	Matrix	Analytical Parameters	Sample Type
S-12L-B002-5.5-6.0	L1212527-01	713/2012	Sediment	SVOCs	Field Sample
S-12L-B002-5.5-6.0 REP	L1212527-02	713/2012	Sediment	SVOCs	FD of S-12L-B002-5.5-6.0
EB-071312-02	L1212527-03	713/2012	Sediment	SVOCs	Equipment Blank
S-12L-B002-8.0-8.5	L1212527-04	713/2012	Sediment	SVOCs	Field Sample
S-12L-B002-12-12.5	L1212527-05	713/2012	Sediment	SVOCs	Field Sample
S-12L-B002-14-14.5	L1212527-06	713/2012	Sediment	SVOCs	Field Sample
S-12L-B002-17.5-18	L1212527-07	713/2012	Sediment	Low-level VOCs & SVOCs	Field Sample
S-12L-B002-19.5-20	L1212527-08	713/2012	Sediment	Low-level VOCs & SVOCs	Field Sample
S-12L-B002-24-24.5	L1212527-09	713/2012	Sediment	Low-level VOCs & SVOCs	Field Sample
S-12L-B002-24.5-25	L1212527-10	7/13/2012	Sediment	Low-level VOCs & SVOCs	Field Sample

Table 1. Sample Descriptions and Analytical Parameters Validated - *continued*

Sample ID	Lab Sample ID	Collection Date	Matrix	Analytical Parameters	Sample Type
TB-071312-02	L1212527-11	7/13/2012	Sediment	Low-level VOCs	Trip Blank

Note: TB and EB results were reviewed for potential blank actions; however, full data review of these field QC samples was not performed as these results are not directly used for project decisions.

Analytical method references:

VOCs: *Volatile Organic Compounds by Gas Chromatography / Mass Spectrometry (GC/MS)* in EPA's Test Methods for Evaluating Solid Waste, Physical Chemical Methods, SW-846, Third Edition, Method 8260B, Rev. 2, December 1996, using low-level aqueous preservation by SW-846 Method 5035A.

SVOCs: *Semivolatile Organic Compounds by Gas Chromatography / Mass Spectrometry (GC/MS)* in EPA's Test Methods for Evaluating Solid Waste, Physical Chemical Methods, SW-846, Third Edition, Method 8270C, Rev. 2, December 1996.

II. Data Validation Report Summary

This Data Validation Report represents a Tier I+ validation of VOC and SVOC sample results and summary QC (method and matrix), which were used to evaluate accuracy, precision, and sensitivity compared to the Aerovox QAPP 2012 requirements, as applicable.

The following QC elements, as applicable to the analytical methods, were reviewed:

- Data package completeness and reporting protocols
- Sample receipt, holding times and preservation criteria
- Blank results including Method Blanks, Equipment Blanks, & Trip blanks
- Laboratory Control Sample (LCS) recoveries / LCS Duplicate Recoveries
- Surrogate Recoveries
- Matrix Spike (MS) / Matrix Spike Duplicate (MSD) Recoveries
- MS/MSD, LCS/LCSD, sample/Laboratory Duplicate (LD), or sample/Field Duplicate (FD) Relative Percent Differences (RPDs)
- Sample result reporting (including compound lists, reporting limits, and units)
- Calibration criteria* (including tune criteria, initial calibration and continuing calibration verification)
- Internal Standard (IS) Recoveries*
- Retention Time windows*
- Other method-specific QC if applicable and reported* (e.g., serial dilution results for metals)
- Deficiencies or protocol deviations as noted in the Laboratory Narrative

* This QC element is reviewed associated with the Tier II-type validation only. For Tier I+ validations this QC element is assumed to be acceptable unless otherwise noted in the laboratory narrative.

Based on this Tier I+ validation of VOCs and SVOCs, all results were considered usable for project decisions based on a comparison to the Aerovox QAPP 2012 requirements, with the understanding of

the potential uncertainty (bias) in the qualified results summarized in Table 2. NEH generated electronic validated results based on the project database file received from WHG for these data, by updating the following database fields for field samples and field QC only: VALID_QUAL, VALIDATION_LEVEL, VALIDATION, VALID_DATE, BIAS, and DV_COMMENT.

Samples that reported all 53 project-specific VOCs as non-detect in the high-level analysis reported in SDG L1212524, were also analyzed using low-level aqueous preservation and were reported in this SDG L1212527. Four sediment samples and one TB, as shown in Table 1, were analyzed using the low-level preservation VOC analysis.

The Matrix Spike Analysis Batch Quality Control summary form reported the "MS Found" and/or "MSD Found" as "ND" if the value found for a compound was less than the sample-specific reporting limit. Consequently, the "MS %Recovery" or "MSD %Recovery" was reported as "0" for these results. However, an evaluation of the raw data indicated that recoveries were acceptable, except as indicated below in the accuracy section of this report. In addition, the "RPD" calculation for the MS and MSD in this summary form used the "MS Found" and "MSD Found" values rather than "MS %Recovery" and "MSD %Recovery," which lead to erroneous RPD values for low-level VOC analyses. The concentrations found for the MS and MSD are based on the actual weights of sample analyzed, which may be very different for the MS and MSD in the low-level VOC analysis. During this Tier 1+ validation, the RPDs were evaluated using %Recovery for the MS and MSD and all were considered acceptable unless noted below in the precision section of this report.

The remainder of this report documents "exceptions" to the Aerovox QAPP 2012 criteria, as applicable, or clarifications of data reported. QC elements not discussed below met all QAPP criteria. The full documentation of all QC elements reviewed during the Tier I+ validations are presented in the attached Data Validation Checklists.

Accuracy

One base/neutral and one acid SVOC surrogate recovered below criteria, but above 10%, in sample S-12L-B002-24.5-25. Since both of these recoveries were > 10% and since there was only one out of three surrogates per fraction (base/neutral or acid) reported low compared to criteria, no action was taken.

LCS/LCSD recoveries demonstrated acceptable accuracy for VOCs and SVOCs.

MS/MSD analysis was performed on sample S-12L-B002-17.5-18. Accuracy was acceptable for SVOCs and VOCs except for trichloroethene and cis-1,2-dichloroethene, which recovered above QAPP criteria. The results for these two compounds were estimated (J) in sample S-12L-B002-17.5-18, as shown in Table 2, with indeterminate bias due to other QC issues affecting the results. Data users should also reference the data validation report for SDG L1212524 where low-level MS/MSD analysis for VOCs was performed on this same field sample.

The method, trip, and equipment blanks were all non-detect for VOCs and SVOCs; therefore, blank actions were not required.

Precision

LCS/LCSD and MS/MSD precision were acceptable for all SVOCs and VOCs except trichloroethene and cis-1,2-dichloroethene. The results for these two compounds were estimated (J) in sample S-12L-B002-17.5-18, as shown in Table 2, with indeterminate bias.

The field duplicate samples for this sediment set were: S-12L-B002-5.5-6.0 and S-12L-B002-5.5-6.0 REP. VOC FD precision evaluation was performed in SDG L1212524. FD precision was acceptable for all SVOCs in these samples indicating acceptable representativeness and precision for the sediment samples to the site location for SVOCs.

Sensitivity & Reporting

The laboratory reported results for all 53 project-specific target VOCs and 67 project-specific SVOCs required in the Aerovox QAPP 2012. As there were no Project Action Limits (PALs) for the analytes reported, all data met sensitivity requirements. Sample-specific reporting limits (RLs) were reported for all samples.

Table 2. Summary of Data Validation Actions

Field Sample ID	Analyte	Qualifier	Bias	Validation Comments
S-12L-B002-17.5-18	Cis-1,2-Dichloroethene Trichloroethene	J	I	High MS/MSD recoveries + MS/MSD imprecision

Qualifiers: U = Analyte is non-detect at or above the sample-specific reporting limit (RL); UJ = Non-detect is estimated at the RL; J = Result is estimated; EB = analyte detected in associated equipment blank; EMPC = estimated maximum possible concentration (PCB congeners only); R = Result is rejected and is unusable for project decisions; D = result reported from a dilution analysis (added by laboratory); C = Congener coelutes with another Congener(s) (added by laboratory).

Bias: L = Low; H = High; I = Indeterminate

Abbreviations used in Table 2:
MS = Matrix Spike
MSD = Matrix Spike Duplicate

environmental chemistry consultants

Data Validation Report
EPA Region I Tier I+
VOCs by 8260B & PCB Aroclors by 8082

Client/Company:	Woods Hole Group, Inc. (WHG)
Site/Project Name:	New Bedford Harbor Superfund Site – Aerovox Sampling
Laboratory:	Alpha Analytical – Westborough, MA
Lab Project Number(s):	L1212555
Date(s) of Collection:	July 13, 2012 – July 14, 2012
Number / Type Samples & Analyses for Validation:	22 sediment samples, 4 equipment blanks (EB), and 3 trip blanks (TB) for 53 project-specific Volatile Organic Compounds (VOCs) 22 sediment samples and 4 EB for 9 project-specific Polychlorinated Biphenyl Aroclors (PCB Aroclors)
Senior Data Reviewers:	Nancy C. Rothman, PhD, New Environmental Horizons, Inc. Susan D. Chapnick, New Environmental Horizons, Inc.
Date Completed:	October 9, 2012

Revised November 16, 2012 to correct Equipment Blank associations

This EPA Region I Tier I+ validation for VOCs and PCB Aroclors was performed with the following intentions: 1) to determine if the data were generated and reported in accordance with the *Quality Assurance Project Plan for Shoreline Drilling and Sampling at the Former Aerovox Property, New Bedford Harbor Superfund Site*, prepared by Woods Hole Group, Inc. and New Environmental Horizons, Inc., July 2012 (Aerovox QAPP 2012); and the Region I, *EPA-NE Data Validation Functional Guidelines for Evaluating Environmental Analyses*, December 1996, including *Part II – Volatile /Semivolatile Data Validation Functional Guidelines*, and *Part III – Pesticide/PCB Data Validation Functional Guidelines*; 2) to determine if the data met project data quality objectives for acceptable accuracy, precision, sensitivity; and technical usability; and 3) to generate an electronic deliverable of validated results with project-specific data validation qualifiers added.

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- The database file of validated sample results with validation qualifiers, bias, and comments added based on actions taken; and
- The Data Review Checklists completed during this validation to document the Tier I+ reviews. The Checklists are an integral part of the DV Report as they contain comprehensive details of all quality control (QC) reviewed, the acceptance criteria used, and the professional judgment and actions taken.

I. Sample Descriptions and Analytical Parameters

The sample IDs, date of sampling, identification analytical parameters reviewed and the sample type (e.g., field sample, field duplicate (FD), field equipment blank (EB), trip blank (TB), as applicable), are listed below in Table 1.

Table 1. Sample Descriptions and Analytical Parameters Validated

Sample ID	Lab Sample ID	Collection Date	Matrix	Analytical Parameters	Sample Type
S-12L-B003-0.6-1.1	L1212555-01	713/2012	Sediment	High-level VOCs & PCB Aroclors	Field Sample
TB-071412-01	L1212555-02	7/14/2012	Sediment	High-level VOCs	Trip Blank
S-12L-B003-2.0-2.5	L1212555-03	7/13/2012	Sediment	High-level VOCs & PCB Aroclors	Field Sample
S-12L-B003-2.0-2.5 REP	L1212555-04	7/13/2012	Sediment	High-level VOCs & PCB Aroclors	FD of sample S-12L-B003-2.0-2.5
S-12L-B003-3.5-4.0	L1212555-05	7/13/2012	Sediment	High-level VOCs & PCB Aroclors	Field Sample
S-12L-B003-4.5-5.0	L1212555-06	7/13/2012	Sediment	High-level VOCs & PCB Aroclors	Field Sample
S-12L-B003-9.0-9.5	L1212555-07	7/13/2012	Sediment	High-level VOCs & PCB Aroclors	Field Sample
S-12L-B003-14.5-15.0	L1212555-08	7/13/2012	Sediment	High-level VOCs & PCB Aroclors	Field Sample
S-12L-B003-19.5-20.0	L1212555-09	7/13/2012	Sediment	High-level VOCs & PCB Aroclors	Field Sample
S-12L-B003-21.5-22.0	L1212555-10	7/13/2012	Sediment	High-level VOCs & PCB Aroclors	Field Sample
S-12L-B003-22.5-23.0	L1212555-11	7/13/2012	Sediment	High-level VOCs & PCB Aroclors	Field Sample
EB-071412-01	L1212555-12	7/14/2012	Water	Low-level VOCs & PCB Aroclors	Equipment Blank

Table 1. Sample Descriptions and Analytical Parameters Validated - *continued*

Sample ID	Lab Sample ID	Collection Date	Matrix	Analytical Parameters	Sample Type
EB-071412-02	L1212555-13	7/14/2012	Water	Low-level VOCs & PCB Aroclors	Equipment Blank
TB-071412-03	L1212555-14	7/14/2012	Water	Low-level VOCs	Trip Blank
S-12L-B004-3.5-4.0	L1212555-15	7/14/2012	Sediment	High-level VOCs & PCB Aroclors	Field Sample
S-12L-B004-3.5-4.0 REP	L1212555-16	7/14/2012	Sediment	High-level VOCs & PCB Aroclors	FD of sample S-12L-B004-3.5-4.0
S-12L-B004-0.5-1.0	L1212555-17	7/14/2012	Sediment	High-level VOCs & PCB Aroclors	Field Sample
S-12L-B004-6.5-7.0	L1212555-18	7/14/2012	Sediment	High-level VOCs & PCB Aroclors	Field Sample
S-12L-B004-7.5-8.0	L1212555-19	7/14/2012	Sediment	High-level VOCs & PCB Aroclors	Field Sample
S-12L-B004-11.0-11.5	L1212555-20	7/14/2012	Sediment	High-level VOCs & PCB Aroclors	Field Sample
S-12L-B004-15.5-16.0	L1212555-21	7/14/2012	Sediment	High-level VOCs & PCB Aroclors	Field Sample
S-12L-B004-17.5-18.0	L1212555-22	7/14/2012	Sediment	High-level VOCs & PCB Aroclors	Field Sample
S-12L-B004-20.0-20.5	L1212555-23	7/14/2012	Sediment	High-level VOCs & PCB Aroclors	Field Sample
S-12L-B005-0.5-1.0	L1212555-24	7/14/2012	Sediment	High-level VOCs & PCB Aroclors	Field Sample
S-12L-B005-0.5-1.0 REP	L1212555-25	7/14/2012	Sediment	High-level VOCs & PCB Aroclors	FD of sample S-12L-B005-0.5-1.0
S-12L-B005-4.0-4.5	L1212555-26	7/14/2012	Sediment	High-level VOCs & PCB Aroclors	Field Sample
EB-071412-03	L1212555-27	7/14/2012	Water	Low-level VOCs & PCB Aroclors	Equipment Blank
EB-071412-04	L1212555-28	7/14/2012	Water	Low-level VOCs & PCB Aroclors	Equipment Blank
TB-071412-04	L1212524-29	7/14/2012	Water	Low-level VOCs	Trip Blank

Note: TB and EB results were reviewed for potential blank actions; however, full data review of these field QC samples was not performed as these results are not directly used for project decisions.

Analytical method references:

VOCs: *Volatile Organic Compounds by Gas Chromatography / Mass Spectrometry (GC/MS)* in EPA's Test Methods for Evaluating Solid Waste, Physical Chemical Methods, SW-846, Third Edition, Method 8260B, Rev. 2, December 1996, using high-level methanol preservation by SW-846 Method 5035A for field samples. [Note: Low-level preservation used for TB and EBs as indicated in Table 1, above.]

PCB Aroclors: *Polychlorinated Biphenyls (PCBs) by Gas Chromatography* in EPA's Test Methods for Evaluating Solid Waste, Physical Chemical Methods, SW-846, Third Edition, Method 8082, Rev. 1, February 2007.

II. Data Validation Report Summary

This Data Validation Report represents a Tier I+ validation of VOCs and PCB Aroclors sample results and summary QC (method and matrix), which were used to evaluate accuracy, precision, and sensitivity compared to the Aerovox QAPP 2012 requirements, as applicable.

The following QC elements, as applicable to the analytical methods, were reviewed:

- Data package completeness and reporting protocols
- Sample receipt, holding times and preservation criteria
- Blank results including Method Blanks, Equipment Blanks, & Trip blanks
- Laboratory Control Sample (LCS) recoveries / LCS Duplicate Recoveries
- Surrogate Recoveries
- Matrix Spike (MS) / Matrix Spike Duplicate (MSD) Recoveries
- MS/MSD, LCS/LCSD, sample/Laboratory Duplicate (LD), or sample/Field Duplicate (FD) Relative Percent Differences (RPDs)
- Sample result reporting (including compound lists, reporting limits, and units)
- Calibration criteria* (including tune criteria, initial calibration and continuing calibration verification)
- Internal Standard (IS) Recoveries*
- Retention Time windows*
- Other method-specific QC if applicable and reported* (e.g., serial dilution results for metals)
- Deficiencies or protocol deviations as noted in the Laboratory Narrative

* This QC element is reviewed associated with the Tier II-type validation only. For Tier I+ validations this QC element is assumed to be acceptable unless otherwise noted in the laboratory narrative.

Based on this Tier I+ validation of VOCs and PCB Aroclors, the data were considered usable based on a comparison to the Aerovox QAPP 2012 requirements, with the understanding of the potential uncertainty (bias) in the qualified results summarized in Table 2. NEH generated electronic validated results based on the project database file received from WHG for these data, by updating the following database fields for field samples and field QC only: VALID_QUAL, VALIDATION_LEVEL, VALIDATION, VALID_DATE, BIAS, and DV_COMMENT.

All VOCs for sediment samples were analyzed using high-level methanol sample preservation so as to be able to report data to the client within 24 hours of sample collection. Two trip blank (TB) and all equipment blank (EB) samples were analyzed using low-level aqueous preservation VOC methods.

Samples that reported all 53 project-specific VOCs as non-detect in the high-level analysis were also analyzed using low-level aqueous preservation and were reported in SDG L1212561.

The Matrix Spike Analysis Batch Quality Control summary form reported the "MS Found" and/or "MSD Found" as "ND" if the value found for a compound was less than the sample-specific reporting limit. Consequently, the "MS %Recovery" or "MSD %Recovery" was reported as "0" for these results. However, an evaluation of the raw data indicated that recoveries were acceptable, except as indicated below in the accuracy section of this report. In addition, the "RPD" calculation for the MS and MSD in this summary form used the "MS Found" and "MSD Found" values rather than "MS %Recovery" and "MSD %Recovery," which lead to erroneous RPD values for low-level VOC analyses. The concentrations found for the MS and MSD are based on the actual weights of sample analyzed, which may be very different for the MS and MSD in the low-level VOC analysis. During this Tier 1+ validation, the RPDs were evaluated using %Recovery for the MS and MSD and all were considered acceptable unless noted below in the precision section of this report.

The remainder of this report documents "exceptions" to the Aerovox QAPP 2012 criteria, as applicable, or clarifications of data reported. QC elements not discussed below met all QAPP criteria. The full documentation of all QC elements reviewed during the Tier I+ validations are presented in the attached Data Validation Checklists.

Accuracy

MS/MSD analysis was not performed for PCB Aroclors, though it was requested on the Chain-of-Custody. According to the laboratory narrative, the levels of Aroclors in the unspiked samples would have necessitated dilutions that would have diluted-out the matrix spike.

MS/MSD analysis was performed for VOCs on samples S-12L-B003-9.0-9.5 and S-12L-B005-4.0-4.5. Accuracy was acceptable for all VOCs in the MS/MSD performed on sample S-12L-B003-9.0-9.5 except for trichlorofluoromethane, bromomethane, chloroethane, dichlorodifluoromethane, cyclohexane, methylcyclohexane, and 1,1,2-trichloro-1,2,2-trifluoroethane, which recovered below QAPP criteria but above 10% recovery in the MS and MSD. The results for these seven compounds were estimated (UJ) with possible low bias in sample S-12L-B003-9.0-9.5 as shown in Table 2. Accuracy was acceptable for all VOCs in the MS/MSD performed on sample S-12L-B005-4.0-4.5 except for trichlorofluoromethane, chloroethane, 2-hexanone, bromoform, 1,1,2,2-tetrachloroethane, 1,2-dichlorobenzene, and 1,2-dibromo-3-chloropropane, which recovered below QAPP criteria but above 10% recovery in the MS and MSD. The results for these seven compounds were estimated (UJ) with possible low bias in sample S-12L-B005-4.0-4.5 as shown in Table 2.

PCB surrogates were not recovered (reported at 0% recovery) in samples S-12L-B003-0.6-1.1, S-12L-B003-2.0-2.5, S-12L-B003-2.0-2.5 REP, S-12L-B003-3.5-4.0, S-12L-B003-4.5-5.0, S-12L-B003-9.0-9.5, S-12L-B004-0.5-1.0, S-12L-B005-0.5-1.0, and S-12L-B005-0.5-1.0 REP due to the dilutions made for analysis of these samples to report all detects within the instrument calibration range. No action was required since the surrogates were diluted-out.

LCS/LCSD recoveries demonstrated acceptable accuracy for PCB Aroclors. LCS/LCSD recoveries were acceptable for four of the five LCS/LCSD performed for VOCs. For one LCS/LCSD, the recovery for 1,2-dibromo-3-chloropropane was low, but above 10% in both the LCS and LCSD. The result for 1,2-dibromo-3-chloropropane was estimated (UJ) with possible low bias in nine samples as

shown in Table 2, due to low LCS/LCSD recoveries. Three other compounds recovered outside of criteria in this LCS/LCSD; however, no additional actions were required.

The method blanks and trip blanks were non-detect for VOCs and PCB Aroclors. One of the four equipment blanks, EB-071412-02, reported detected results for VOCs chloroform and bromodichloromethane; however, this was "Barge Decon Water" and not actually associated with the collection of any samples so no action was required. One of the four equipment blanks, EB-071412-01, which was associated with the analysis of samples with boring ID ASB-4, detected a result for Aroclor 1254. Equipment Blank EB-071312-02, reported in SDG L1212524, which was associated with the analysis of samples with boring ID ASB-3, also reported a detected result for Aroclor 1254. Twelve samples associated with boring IDs ASB-3 and ASB-4 with detected results for Aroclor 1254 were estimated (EB) with possible high bias, unless other issues affected the results, as shown in Table 2.

Precision

MS/MSD precision was acceptable for all VOCs and LCS/LCSD precision was acceptable for all VOCs and PCB Aroclors.

The field duplicate samples for this sediment set were: S-12L-B003-2.0-2.5 and S-12L-B003-2.0-2.5 REP; S-12L-B004-3.5-4.0 and S-12L-B004-3.5-4.0 REP; and S-12L-B005-0.5-1.0 and S-12L-B005-0.5-1.0 REP. FD precision was acceptable for all VOCs and PCB Aroclors in these three FD pairs except: cis-1,2-dichloroethene, trichloroethene, and 1,2,4-trichlorobenzene did not meet precision objectives in samples S-12L-B003-2.0-2.5 and S-12L-B003-2.0-2.5 REP; and Aroclor 1242 and 1254 were outside criteria in samples S-12L-B004-3.5-4.0 and S-12L-B004-3.5-4.0 REP. The results for these compounds were estimated (J or UJ) with indeterminate biased based upon the observed imprecision. These results are an indication of variable representativeness and precision for the sediment samples to the site locations from sample collection through analysis for VOCs and PCB Aroclors.

The project narrative indicated that the QAPP dual column GC precision criteria (given as $\%D \leq \pm 40\%$ in Worksheet #12 & #28 (*combined*)) was exceeded for Aroclor 1242 in samples S S-12L-B004-6.5-7.0 and S-12L-B004-20.0-20.5 and that the laboratory chose to report the higher of the two GC column values since interferences were not observed on the second column. The result for Aroclor 1242 was estimated (J) in these two samples with possible high bias, as shown in Table 2.

Sensitivity & Reporting

The laboratory reported results for all 53 project-specific target VOCs and 9 PCB Aroclors required in the Aerovox QAPP 2012. As there were no Project Action Limits (PALs) for the analytes reported, all data met sensitivity requirements. Sample-specific reporting limits (RLs) were reported for all samples.

Sample S-12L-B003-0.6-1.1 reported very low percent solids (17%). EPA Region I DV criteria indicates that for samples containing greater than or equal to 10% solids but less than or equal to 30% solids, all detects should be qualified as estimated (J) and non-detects rejected (R) as unusable data. Since the objective for this sampling was to evaluate the vertical nature and extent of chemical contaminants in sediments, professional judgment was used to estimate (UJ) non-detect data rather than reject these data based on low % solids content. The user is cautioned that non-detects for samples with less than 30% solids may not be representative of the site location. All VOC and PCB Aroclor results for sample S-12L-B003-0.6-1.1 were estimated (J and UJ) with indeterminate bias due to low percent solids content of the sample as shown in Table 2.

In the analysis of three samples, trichloroethene was reported above the calibration range and the laboratory qualified each result with an "E". The laboratory reanalyzed the samples at a secondary dilution to report trichloroethene within the calibration range. The following data were accepted for reporting:

- S-12L-B003-0.6-1.1: all dilution factor (DF) 100 data were accepted except trichloroethene, which was accepted from DF = 400 analysis
- S-12L-B003-2.0-2.5: all DF = 100 data were accepted except trichloroethene, which was accepted from DF = 1000 analysis
- S-12L-B003-3.5-4.0: all DF = 1 data were accepted except trichloroethene, which was accepted from DF = 5 analysis.

The electronic database file was amended by changing the entry for "REPORT_YN" from "Y" to "N" for the three trichloroethene results not chosen for reporting in these samples.

The laboratory reported all results for samples analyzed with dilutions (i.e., DF > 1) with a "D" qualifier. At Battelle's request, these "D" qualifiers were maintained during the DV process.

Table 2. Summary of Data Validation Actions

Field Sample ID	Analyte	Qualifier	Bias	Validation Comments
S-12L-B003-0.6-1.1	All PCB Aroclors	DJ / DUJ	I	Low % Solids
S-12L-B003-0.6-1.1	All VOCs except: 1,2-Dibromo-3-Chloropropane	DJ / DUJ	I	Low % Solids
S-12L-B003-0.6-1.1	1,2-Dibromo-3-Chloropropane	DUJ	I	Low LCS recovery + Low % Solids
S-12L-B003-2.0-2.5 S-12L-B003-2.0-2.5 REP	Cis-1,2-Dichloroethene Trichloroethene	DJ	I	FD imprecision
S-12L-B003-2.0-2.5 S-12L-B003-2.0-2.5 REP	1,2,4-Trichlorobenzene	DJ / DUJ	I	FD imprecision
S-12L-B003-14.5-15.0 S-12L-B003-19.5-20.0 S-12L-B003-21.5-22.0 S-12L-B003-22.5-23.0 S-12L-B004-11.0-11.5 S-12L-B004-15.5-16.0 S-12L-B004-17.5-18.0 S-12L-B004-20.0-20.5 S-12L-B004-6.5-7.0 S-12L-B004-7.5-8.0	Aroclor 1254	EB	H	Equipment Blank Action
S-12L-B003-2.0-2.5 S-12L-B003-2.0-2.5 REP	1,2-Dibromo-3-Chloropropane	DUJ	L	Low LCS recovery

Table 2. Summary of Data Validation Actions - *continued*

Field Sample ID	Analyte	Qualifier	Bias	Validation Comments
S-12L-B003-3.5-4.0 S-12L-B004-17.5-18.0 S-12L-B004-20.0-20.5 S-12L-B005-0.5-1.0 S-12L-B005-0.5-1.0 REP	1,2-Dibromo-3-Chloropropane	UJ	L	Low LCS recovery
S-12L-B005-4.0-4.5	1,2-Dibromo-3-Chloropropane	UJ	L	Low LCS recovery + Low MS/MSD recoveries
S-12L-B003-9.0-9.5	Bromomethane Chloroethane Cyclohexane Dichlorodifluoromethane Methylcyclohexane Trichlorofluoromethane 1,1,2-Trichloro-1,2,2-Trifluoroethane	UJ	L	Low MS/MSD recoveries
S-12L-B005-4.0-4.5	Bromoform Chloroethane Trichlorofluoromethane 1,1,2,2-Tetrachloroethane 1,2-Dichlorobenzene 2-Hexanone	UJ	L	Low MS/MSD recoveries
S-12L-B004-3.5-4.0 S-12L-B004-3.5-4.0 REP	Aroclor 1242	J	I	FD imprecision
S-12L-B004-3.5-4.0 S-12L-B004-3.5-4.0 REP	Aroclor 1254	JEB	I	Equipment Blank Action + FD imprecision
S-12L-B004-20.0-20.5 S-12L-B004-6.5-7.0	Aroclor 1242	J	H	Dual Column imprecision

Qualifiers: U = Analyte is non-detect at or above the sample-specific reporting limit (RL); UJ = Non-detect is estimated at the RL; J = Result is estimated; EB = analyte detected in associated equipment blank; EMPC = estimated maximum possible concentration (PCB congeners only); R = Result is rejected and is unusable for project decisions; D = result reported from a dilution analysis (added by laboratory); C = Congener coelutes with another Congener(s) (added by laboratory).

Bias: L = Low; H = High; I = Indeterminate

Abbreviations used in Table 2:
FD = Field Duplicate
LCS = Laboratory Control Sample
MS = Matrix Spike
MSD = Matrix Spike Duplicate
% = Percent

Data Validation Report
EPA Region I Tier I+
VOCs by 8260B & SVOCs by 8270C

Client/Company:	Woods Hole Group, Inc. (WHG)
Site/Project Name:	New Bedford Harbor Superfund Site – Aerovox Sampling
Laboratory:	Alpha Analytical – Westborough, MA
Lab Project Number(s):	L1212561
Date(s) of Collection:	July 13, 2012 – July 14, 2012
Number / Type Samples & Analyses for Validation:	6 sediment samples and 1 trip blank (TB) for 53 project-specific Volatile Organic Compounds (VOCs) 22 sediment samples and 4 equipment blanks (EB) for 67 project-specific Semivolatile Organic Compounds (SVOCs)
Senior Data Reviewers:	Nancy C. Rothman, PhD, New Environmental Horizons, Inc. Susan D. Chapnick, New Environmental Horizons, Inc.
Date Completed:	October 9, 2012

This EPA Region I Tier I+ validation for VOCs and SVOCs was performed with the following intentions: 1) to determine if the data were generated and reported in accordance with the *Quality Assurance Project Plan for Shoreline Drilling and Sampling at the Former Aerovox Property, New Bedford Harbor Superfund Site*, prepared by Woods Hole Group, Inc. and New Environmental Horizons, Inc., July 2012 (Aerovox QAPP 2012); and the Region I, *EPA-NE Data Validation Functional Guidelines for Evaluating Environmental Analyses*, December 1996, including *Part II – Volatile /Semivolatile Data Validation Functional Guidelines*; 2) to determine if the data met project data quality objectives for acceptable accuracy, precision, sensitivity; and technical usability; and 3) to generate an electronic deliverable of validated results with project-specific data validation qualifiers added.

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The Data Validation Report consists of three parts:

- This Data Validation Report letter summarizing the actions taken;
- The database file of validated sample results with validation qualifiers, bias, and comments added based on actions taken; and
- The Data Review Checklists completed during this validation to document the Tier I+ reviews. The Checklists are an integral part of the DV Report as they contain comprehensive details of all quality control (QC) reviewed, the acceptance criteria used, and the professional judgment and actions taken.

I. Sample Descriptions and Analytical Parameters

The sample IDs, date of sampling, identification analytical parameters reviewed and the sample type (e.g., field sample, field duplicate (FD), field equipment blank (EB), trip blank (TB), as applicable), are listed below in Table 1.

Table 1. Sample Descriptions and Analytical Parameters Validated

Sample ID	Lab Sample ID	Collection Date	Matrix	Analytical Parameters	Sample Type
S-12L-B003-0.6-1.1	L1212561-01	713/2012	Sediment	SVOCs	Field Sample
S-12L-B003-2.0-2.5	L1212561-02	713/2012	Sediment	SVOCs	Field Sample
S-12L-B003-2.0-2.5 REP	L1212561-03	713/2012	Sediment	SVOCs	FD of sample S-12L-B003-2.0-2.5
S-12L-B003-3.5-4.0	L1212561-04	713/2012	Sediment	SVOCs	Field Sample
S-12L-B003-4.5-5.0	L1212561-05	713/2012	Sediment	SVOCs	Field Sample
S-12L-B003-9.0-9.5	L1212561-06	713/2012	Sediment	SVOCs	Field Sample
S-12L-B003-14.5-15.0	L1212561-07	713/2012	Sediment	Low-level VOCs & SVOCs	Field Sample
S-12L-B003-19.5-20.0	L1212561-08	713/2012	Sediment	SVOCs	Field Sample
S-12L-B003-21.5-22.0	L1212561-09	713/2012	Sediment	SVOCs	Field Sample
S-12L-B003-22.5-23.0	L1212561-10	7/13/2012	Sediment	SVOCs	Field Sample
EB-071412-01	L1212561-11	7/13/2012	Water	SVOCs	Equipment Blank

Table 1. Sample Descriptions and Analytical Parameters Validated - *continued*

Sample ID	Lab Sample ID	Collection Date	Matrix	Analytical Parameters	Sample Type
EB-071412-02	L1212561-12	7/14/2012	Water	SVOCs	Equipment Blank
S-12L-B004-3.5-4.0	L1212561-13	7/14/2012	Sediment	SVOCs	Field Sample
S-12L-B004-3.5-4.0 REP	L1212561-14	7/14/2012	Sediment	SVOCs	FD of sample S-12L-B004-3.5-4.0
S-12L-B004-0.5-1.0	L1212561-15	7/14/2012	Sediment	SVOCs	Field Sample
S-12L-B004-6.5-7.0	L1212561-16	7/14/2012	Sediment	SVOCs	Field Sample
S-12L-B004-7.5-8.0	L1212561-17	7/14/2012	Sediment	SVOCs	Field Sample
S-12L-B004-11.0-11.5	L1212561-18	7/14/2012	Sediment	Low-level VOCs & SVOCs	Field Sample
S-12L-B004-15.5-16.0	L1212561-19	7/14/2012	Sediment	SVOCs	Field Sample
S-12L-B004-17.5-18.0	L1212561-20	7/14/2012	Sediment	SVOCs	Field Sample
S-12L-B004-20.0-20.5	L1212561-21	7/14/2012	Sediment	Low-level VOCs & SVOCs	Field Sample
S-12L-B005-0.5-1.0	L1212561-22	7/14/2012	Sediment	Low-level VOCs & SVOCs	Field Sample
S-12L-B005-0.5-1.0 REP	L1212561-23	7/14/2012	Sediment	Low-level VOCs & SVOCs	FD of sample S-12L-B005-0.5-1.0
S-12L-B005-4.0-4.5	L1212561-24	7/14/2012	Sediment	Low-level VOCs & SVOCs	Field Sample
EB-071412-03	L1212561-25	7/14/2012	Water	SVOCs	Equipment Blank
EB-071412-04	L1212561-26	7/14/2012	Water	SVOCs	Equipment Blank
TB-071412-02	L1212561-27	7/14/2012	Sediment	Low-level VOCs	Trip Blank

Note: TB and EB results were reviewed for potential blank actions; however, full data review of these field QC samples was not performed as these results are not directly used for project decisions.

Analytical method references:

VOCs: *Volatile Organic Compounds by Gas Chromatography / Mass Spectrometry (GC/MS)* in EPA's Test Methods for Evaluating Solid Waste, Physical Chemical Methods, SW-846, Third Edition, Method 8260B, Rev. 2, December 1996, using low-level aqueous preservation by SW-846 Method 5035A.

SVOCs: *Semivolatile Organic Compounds by Gas Chromatography / Mass Spectrometry (GC/MS)* in EPA's Test Methods for Evaluating Solid Waste, Physical Chemical Methods, SW-846, Third Edition, Method 8270D, Rev. 4, February 2007.

II. Data Validation Report Summary

This Data Validation Report represents a Tier I+ validation of VOC and SVOC sample results and summary QC (method and matrix), which were used to evaluate accuracy, precision, and sensitivity compared to the Aerovox QAPP 2012 requirements, as applicable.

The following QC elements, as applicable to the analytical methods, were reviewed:

- Data package completeness and reporting protocols
- Sample receipt, holding times and preservation criteria
- Blank results including Method Blanks, Equipment Blanks, & Trip blanks
- Laboratory Control Sample (LCS) recoveries / LCS Duplicate Recoveries
- Surrogate Recoveries
- Matrix Spike (MS) / Matrix Spike Duplicate (MSD) Recoveries
- MS/MSD, LCS/LCSD, sample/Laboratory Duplicate (LD), or sample/Field Duplicate (FD) Relative Percent Differences (RPDs)
- Sample result reporting (including compound lists, reporting limits, and units)
- Calibration criteria* (including tune criteria, initial calibration and continuing calibration verification)
- Internal Standard (IS) Recoveries*
- Retention Time windows*
- Other method-specific QC if applicable and reported* (e.g., serial dilution results for metals)
- Deficiencies or protocol deviations as noted in the Laboratory Narrative

* This QC element is reviewed associated with the Tier II-type validation only. For Tier I+ validations this QC element is assumed to be acceptable unless otherwise noted in the laboratory narrative.

Based on this Tier I+ validation of VOCs and SVOCs, all results were considered usable for project decisions based on a comparison to the Aerovox QAPP 2012 requirements, with the understanding of the potential uncertainty (bias) in the qualified results summarized in Table 2. NEH generated electronic validated results based on the project database file received from WHG for these data, by updating the following database fields for field samples and field QC only: VALID_QUAL, VALIDATION_LEVEL, VALIDATION, VALID_DATE, BIAS, and DV_COMMENT.

Samples that reported all 53 project-specific VOCs as non-detect in the high-level analysis reported in SDG L1212555, were also analyzed using low-level aqueous preservation and were reported in this SDG L1212561. Six sediment samples and one TB, as shown in Table 1, were analyzed using the low-level preservation VOC analysis.

The Matrix Spike Analysis Batch Quality Control summary form reported the "MS Found" and/or "MSD Found" as "ND" if the value found for a compound was less than the sample-specific reporting limit. Consequently, the "MS %Recovery" or "MSD %Recovery" was reported as "0" for these results. However, an evaluation of the raw data indicated that recoveries were acceptable, except as indicated

below in the accuracy section of this report. In addition, the "RPD" calculation for the MS and MSD in this summary form used the "MS Found" and "MSD Found" values rather than "MS %Recovery" and "MSD %Recovery," which lead to erroneous RPD values for low-level VOC analyses. The concentrations found for the MS and MSD are based on the actual weights of sample analyzed, which may be very different for the MS and MSD in the low-level VOC analysis. During this Tier 1+ validation, the RPDs were evaluated using %Recovery for the MS and MSD and all were considered acceptable unless noted below in the precision section of this report.

The remainder of this report documents "exceptions" to the Aerovox QAPP 2012 criteria, as applicable, or clarifications of data reported. QC elements not discussed below met all QAPP criteria. The full documentation of all QC elements reviewed during the Tier I+ validations are presented in the attached Data Validation Checklists.

Accuracy

One acid SVOC surrogate recovered below criteria, but above 10%, in sample S-12L-B003-3.5-4.0. Since the recovery was > 10% and since only one out of three acid surrogates reported low recovery compared to criteria, no action was taken.

LCS/LCSD recoveries demonstrated acceptable accuracy for VOCs and SVOCs.

MS/MSD analysis was performed on sample S-12L-B003-9.0-9.5 for SVOCs. The Chain-of-Custody indicates MS/MSD analysis should also have been performed for SVOCs on sample S-12L-B005-4.0-4.5; however, according to the laboratory, the levels of SVOCs in this sample would have necessitated dilutions that would have diluted-out the matrix spike. Therefore, the laboratory did not analyze this MS/MSD. Accuracy was acceptable for all SVOCs based on the MS/MSD analyses of sample S-12L-B003-9.0-9.5.

MS/MSD analysis was performed on sample S-12L-B005-4.0-4.5 for low-level VOCs. Accuracy was acceptable for VOCs except for 1,2,3-trichlorobenzene and 1,2,4-trichlorobenzene, which recovered below QAPP criteria. The results for these two compounds were estimated (UJ) in sample S-12L-B005-4.0-4.5, as shown in Table 2, with possible low bias. Data users should also reference the data validation report for SDG L1212555 where high-level MS/MSD analysis for VOCs was performed on this same field sample.

The method, trip, and equipment blanks were all non-detect for VOCs and SVOCs; therefore, blank actions were not required.

Precision

LCS/LCSD and MS/MSD precision were acceptable for all SVOCs and VOCs except 2-butanone and acetone. The results for these two compounds were estimated (UJ) in sample S-12L-B005-4.0-4.5, as shown in Table 2, with indeterminate bias.

The field duplicate samples for this sediment set were: S-12L-B003-2.0-2.5 and S-12L-B003-2.0-2.5 REP; S-12L-B004-3.5-4.0 and S-12L-B004-3.5-4.0 REP; and S-12L-B005-0.5-1.0 and S-12L-B005-0.5-1.0 REP. FD precision was acceptable for all VOCs in the FD pair S-12L-B005-0.5-1.0 and S-12L-B005-0.5-1.0 REP. VOC precision results in the other two FD pairs are presented in the data validation report for SDG L1212555 since they were analyzed as high-level VOCs. FD precision was

unacceptable for 38 SVOC results in the three FD pairs. Affected results and samples requiring action were estimated (J / UJ or DJ / DUJ) as shown in Table 2. These results are an indication of acceptable precision for low-level VOCs and variable representativeness and precision for the sediment samples to the site locations from sample collection through analysis for SVOCs.

Sensitivity & Reporting

The laboratory reported results for all 53 project-specific target VOCs and 67 project-specific SVOCs required in the Aerovox QAPP 2012. As there were no Project Action Limits (PALs) for the analytes reported, all data met sensitivity requirements. Sample-specific reporting limits (RLs) were reported for all samples.

Sample S-12L-B003-0.6-1.1 reported very low percent solids (17%). EPA Region I DV criteria indicates that for samples containing greater than or equal to 10% solids but less than or equal to 30% solids, all detects should be qualified as estimated (J) and non-detects rejected (R) as unusable data. Since the objective for this sampling was to evaluate the vertical nature and extent of chemical contaminants in sediments, professional judgment was used to estimate (UJ) non-detect data rather than reject these data based on low % solids content. The user is cautioned that non-detects for samples with less than 30% solids may not be representative of the site location. All SVOC results for sample S-12L-B003-0.6-1.1 were estimated (J and UJ) with indeterminate bias due to low percent solids content of the sample as shown in Table 2.

Table 2. Summary of Data Validation Actions

Field Sample ID	Analyte	Qualifier	Bias	Validation Comments
S-12L-B005-4.0-4.5	1,2,3-Trichlorobenzene 1,2,4-Trichlorobenzene	UJ	L	Low MS/MSD recoveries
S-12L-B005-4.0-4.5	2-Butanone Acetone	UJ	I	MS/MSD imprecision
S-12L-B003-0.6-1.1	All SVOCs	J / UJ	I	Low % Solids
S-12L-B003-2.0-2.5 S-12L-B003-2.0-2.5 REP	Benzaldehyde Benz(A)Anthracene Benzo(B)Fluoranthene Chrysene Fluoranthene Phenanthrene Pyrene	DJ / DUJ	I	FD imprecision
S-12L-B004-3.5-4.0 S-12L-B004-3.5-4.0 REP	Acenaphthylene	J	I	FD imprecision

Table 2. Summary of Data Validation Actions - *continued*

Field Sample ID	Analyte	Qualifier	Bias	Validation Comments
S-12L-B005-0.5-1.0 S-12L-B005-0.5-1.0 REP	Anthracene Benz(A)Anthracene Benzo(A)Pyrene Benzo(B)Fluoranthene Benzo(G,H,I)Perylene Benzo(K)Fluoranthene Chrysene Fluoranthene Indeno(1,2,3-Cd)Pyrene Phenanthrene Pyrene	J	I	FD imprecision

Qualifiers: U = Analyte is non-detect at or above the sample-specific reporting limit (RL); UJ = Non-detect is estimated at the RL; J = Result is estimated; EB = analyte detected in associated equipment blank; EMPC = estimated maximum possible concentration (PCB congeners only); R = Result is rejected and is unusable for project decisions; D = result reported from a dilution analysis (added by laboratory); C = Congener coelutes with another Congener(s) (added by laboratory).

Bias: L = Low; H = High; I = Indeterminate

Abbreviations used in Table 2:
FD = Field Duplicate
LCS = Laboratory Control Sample
MS = Matrix Spike
MSD = Matrix Spike Duplicate
% = Percent

Data Validation Report
EPA Region I Tier I+
VOCs by 8260B & PCB Aroclors by 8082

Client/Company:	Woods Hole Group, Inc. (WHG)
Site/Project Name:	New Bedford Harbor Superfund Site – Aerovox Sampling
Laboratory:	Alpha Analytical – Westborough, MA
Lab Project Number(s):	L1212595
Date(s) of Collection:	July 16, 2012
Number / Type Samples & Analyses for Validation:	15 sediment samples, 1 equipment blank (EB) and 2 trip blanks (TB) for 53 project-specific Volatile Organic Compounds (VOCs) 15 sediment samples and 1 equipment blank (EB) for 9 project-specific Polychlorinated Biphenyl Aroclors (PCB Aroclors)
Senior Data Reviewers:	Nancy C. Rothman, PhD, New Environmental Horizons, Inc. Susan D. Chapnick, New Environmental Horizons, Inc.
Date Completed:	October 12, 2012

This EPA Region I Tier I+ validation for VOCs and PCB Aroclors was performed with the following intentions: 1) to determine if the data were generated and reported in accordance with the *Quality Assurance Project Plan for Shoreline Drilling and Sampling at the Former Aerovox Property, New Bedford Harbor Superfund Site,* prepared by Woods Hole Group, Inc. and New Environmental Horizons, Inc., July 2012 (Aerovox QAPP 2012); and the Region I, *EPA-NE Data Validation Functional Guidelines for Evaluating Environmental Analyses,* December 1996, including *Part II – Volatile /Semivolatile Data Validation Functional Guidelines*, and *Part III – Pesticide/PCB Data Validation Functional Guidelines*; 2) to determine if the data met project data quality objectives for acceptable accuracy, precision, sensitivity; and technical usability; and 3) to generate an electronic deliverable of validated results with project-specific data validation qualifiers added.

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The Data Validation Report consists of three parts:

- This Data Validation Report letter summarizing the actions taken;
- The database file of validated sample results with validation qualifiers, bias, and comments added based on actions taken; and
- The Data Review Checklists completed during this validation to document the Tier I+ reviews. The Checklists are an integral part of the DV Report as they contain comprehensive details of all quality control (QC) reviewed, the acceptance criteria used, and the professional judgment and actions taken.

I. Sample Descriptions and Analytical Parameters

The sample IDs, date of sampling, identification analytical parameters reviewed and the sample type (e.g., field sample, field duplicate (FD), field equipment blank (EB), trip blank (TB), as applicable), are listed below in Table 1.

Table 1. Sample Descriptions and Analytical Parameters Validated

Sample ID	Lab Sample ID	Collection Date	Matrix	Analytical Parameters	Sample Type
TB-071612-02	L1212595-01	7/16/2012	Methanol	High-level VOCs	Trip Blank
S-12L-B006-0.0-0.5	L1212595-02	7/16/2012	Sediment	High-level VOCs & PCB Aroclors	Field Sample
S-12L-B006-1.0-1.5	L1212595-03	7/16/2012	Sediment	High-level VOCs & PCB Aroclors	Field Sample
S-12L-B006-1.0-1.5 REP	L1212595-04	7/16/2012	Sediment	High-level VOCs & PCB Aroclors	FD of sample S-12L-B006-1.0-1.5
S-12L-B006-3.0-3.5	L1212595-05	7/16/2012	Sediment	High-level VOCs & PCB Aroclors	Field Sample
S-12L-B006-6.5-7.0	L1212595-06	7/16/2012	Sediment	High-level VOCs & PCB Aroclors	Field Sample
S-12L-B006-8.0-8.5	L1212595-07	7/16/2012	Sediment	High-level VOCs & PCB Aroclors	Field Sample
S-12L-B006-10.5-11.0	L1212595-08	7/16/2012	Sediment	High-level VOCs & PCB Aroclors	Field Sample
S-12L-B006-13.0-13.5	L1212595-09	7/16/2012	Sediment	High-level VOCs & PCB Aroclors	Field Sample
S-12L-B006-16.5-17.0	L1212595-10	7/16/2012	Sediment	High-level VOCs & PCB Aroclors	Field Sample
S-12L-B006-21.0-21.5	L1212595-11	7/16/2012	Sediment	High-level VOCs & PCB Aroclors	Field Sample
EB-071612-01	L1212595-12	7/16/2012	Water	Low-level VOCs & PCB Aroclors	Equipment Blank

Table 1. Sample Descriptions and Analytical Parameters Validated - *continued*

Sample ID	Lab Sample ID	Collection Date	Matrix	Analytical Parameters	Sample Type
TB-071612-03	L1212595-13	7/16/2012	Water	Low-level VOCs	Trip Blank
S-12L-B006-23.0-23.5	L1212595-14	7/16/2012	Sediment	High-level VOCs & PCB Aroclors	Field Sample
S-12L-B006-27.0-27.5	L1212595-15	7/16/2012	Sediment	High-level VOCs & PCB Aroclors	Field Sample
S-12L-B006-28.5-29.0	L1212595-16	7/16/2012	Sediment	High-level VOCs & PCB Aroclors	Field Sample
S-12L-B006-31.0-31.5	L1212595-17	7/16/2012	Sediment	High-level VOCs & PCB Aroclors	Field Sample
S-12L-B006-26.0-26.5	L1212595-18	7/16/2012	Sediment	High-level VOCs & PCB Aroclors	Field Sample

Note: TB and EB results were reviewed for potential blank actions; however, full data review of these field QC samples was not performed as these results are not directly used for project decisions.

Analytical method references:

VOCs: *Volatile Organic Compounds by Gas Chromatography / Mass Spectrometry (GC/MS)* in EPA's Test Methods for Evaluating Solid Waste, Physical Chemical Methods, SW-846, Third Edition, Method 8260B, Rev. 2, December 1996, using high-level methanol preservation by SW-846 Method 5035A for field samples. [Note: Low-level preservation used for TB and EBs as indicated in Table 1, above.]

PCB Aroclors: *Polychlorinated Biphenyls (PCBs) by Gas Chromatography* in EPA's Test Methods for Evaluating Solid Waste, Physical Chemical Methods, SW-846, Third Edition, Method 8082, Rev. 1, February 2007.

II. Data Validation Report Summary

This Data Validation Report represents a Tier I+ validation of VOCs and PCB Aroclors sample results and summary QC (method and matrix), which were used to evaluate accuracy, precision, and sensitivity compared to the Aerovox QAPP 2012 requirements, as applicable.

The following QC elements, as applicable to the analytical methods, were reviewed:

- Data package completeness and reporting protocols
- Sample receipt, holding times and preservation criteria
- Blank results including Method Blanks, Equipment Blanks, & Trip blanks
- Laboratory Control Sample (LCS) recoveries / LCS Duplicate Recoveries
- Surrogate Recoveries
- Matrix Spike (MS) / Matrix Spike Duplicate (MSD) Recoveries
- MS/MSD, LCS/LCSD, sample/Laboratory Duplicate (LD), or sample/Field Duplicate (FD) Relative Percent Differences (RPDs)
- Sample result reporting (including compound lists, reporting limits, and units)

- Calibration criteria* (including tune criteria, initial calibration and continuing calibration verification)
- Internal Standard (IS) Recoveries*
- Retention Time windows*
- Other method-specific QC if applicable and reported* (e.g., serial dilution results for metals)
- Deficiencies or protocol deviations as noted in the Laboratory Narrative

* This QC element is reviewed associated with the Tier II-type validation only. For Tier I+ validations this QC element is assumed to be acceptable unless otherwise noted in the laboratory narrative.

Based on this Tier I+ validation of VOCs and PCB Aroclors, the data were considered usable based on a comparison to the Aerovox QAPP 2012 requirements, with the understanding of the potential uncertainty (bias) in the qualified results summarized in Table 2. NEH generated electronic validated results based on the project database file received from WHG for these data, by updating the following database fields for field samples and field QC only: VALID_QUAL, VALIDATION_LEVEL, VALIDATION, VALID_DATE, BIAS, and DV_COMMENT.

All VOCs for sediment samples were analyzed using high-level methanol sample preservation so as to be able to report data to the client within 24 hours of sample collection. One trip blank (TB) and one equipment blank (EB were analyzed using low-level aqueous preservation VOC methods. Samples that reported all 53 project-specific VOCs as non-detect in the high-level analysis were also analyzed using low-level aqueous preservation and were reported in SDG L1212599.

The Matrix Spike Analysis Batch Quality Control summary form reported the "MS Found" and/or "MSD Found" as "ND" if the value found for a compound was less than the sample-specific reporting limit. Consequently, the "MS %Recovery" or "MSD %Recovery" was reported as "0" for these results. However, an evaluation of the raw data indicated that recoveries were acceptable, except as indicated below in the accuracy section of this report. In addition, the "RPD" calculation for the MS and MSD in this summary form used the "MS Found" and "MSD Found" values rather than "MS %Recovery" and "MSD %Recovery," which lead to erroneous RPD values for low-level VOC analyses. The concentrations found for the MS and MSD are based on the actual weights of sample analyzed, which may be very different for the MS and MSD in the low-level VOC analysis. During this Tier 1+ validation, the RPDs were evaluated using %Recovery for the MS and MSD and all were considered acceptable unless noted below in the precision section of this report.

The remainder of this report documents "exceptions" to the Aerovox QAPP 2012 criteria, as applicable, or clarifications of data reported. QC elements not discussed below met all QAPP criteria. The full documentation of all QC elements reviewed during the Tier I+ validations are presented in the attached Data Validation Checklists.

Accuracy

MS/MSD analysis was performed for VOCs and PCB Aroclors on sample S-12L-B006-6.5-7.0. Accuracy was acceptable for all VOCs and PCB Aroclors except for trichlorofluoromethane, bromomethane, and chloroethane, which recovered below QAPP criteria but above 10% recovery in the

MS and MSD. The results for these three compounds were estimated (UJ) with possible low bias in sample S-12L-B006-6.5-7.0 as shown in Table 2.

PCB surrogates were not recovered (reported at 0% recovery) in samples S-12L-B006-0.0-0.5, S-12L-B006-1.0-1.5, and S-12L-B006-1.0-1.5 REP due to the dilutions made for analysis of these samples to report all detects within the instrument calibration range. No action was required since the surrogates were diluted-out.

LCS/LCSD recoveries demonstrated acceptable accuracy for VOCs and PCB Aroclors.

The method blanks, trip blanks, and equipment blank were non-detect for VOCs and PCB Aroclors. Therefore, blank action was not required.

Precision

MS/MSD and LCS/LCSD precision were acceptable for all VOCs and PCB Aroclors.

The field duplicate samples for this sediment set were: S-12L-B006-1.0-1.5 and S-12L-B006-1.0-1.5 REP. FD precision was acceptable for all VOCs and PCB Aroclors except for vinyl chloride. The results for vinyl chloride were estimated (J) with indeterminate biased based upon the observed imprecision in this FD pair. These results are an indication of generally acceptable representativeness and precision for the sediment samples to the site locations from sample collection through analysis for VOCs and PCB Aroclors.

Sensitivity & Reporting

Sample S-12L-B006-26.0-26.5 was received with the shipment; however, this sample was not on the Chain-of-custody (COC). Analysis of this sample was performed, at the client's request.

The laboratory reported results for all 53 project-specific target VOCs and 9 PCB Aroclors required in the Aerovox QAPP 2012. As there were no Project Action Limits (PALs) for the analytes reported, all data met sensitivity requirements. Sample-specific reporting limits (RLs) were reported for all samples.

The laboratory reported all results for samples analyzed with dilutions (i.e., DF > 1) with a "D" qualifier. At Battelle's request, these "D" qualifiers were maintained during the DV process.

Table 2. Summary of Data Validation Actions

Field Sample ID	Analyte	Qualifier	Bias	Validation Comments
S-12L-B006-1.0-1.5 S-12L-B006-1.0-1.5 REP	Vinyl Chloride	J	I	FD imprecision
S-12L-B006-6.5-7.0	Bromomethane Chloroethane Trichlorofluoromethane	UJ	L	Low MS/MSD recoveries

Qualifiers: U = Analyte is non-detect at or above the sample-specific reporting limit (RL); UJ = Non-detect is estimated at the RL; J = Result is estimated; EB = analyte detected in associated equipment blank; EMPC = estimated maximum possible concentration (PCB congeners only); R = Result is rejected and is unusable for project decisions; D = result reported from a dilution analysis (added by laboratory); C = Congener coelutes with another Congener(s) (added by laboratory).

Bias: L = Low; H = High; I = Indeterminate

Abbreviations used in Table 2:
FD = Field Duplicate
MS = Matrix Spike
MSD = Matrix Spike Duplicate

environmental chemistry consultants

Data Validation Report
EPA Region I Tier I+
VOCs by 8260B & SVOCs by 8270D

Client/Company:	Woods Hole Group, Inc. (WHG)
Site/Project Name:	New Bedford Harbor Superfund Site – Aerovox Sampling
Laboratory:	Alpha Analytical – Westborough, MA
Lab Project Number(s):	L1212599
Date(s) of Collection:	July 16, 2012
Number / Type Samples & Analyses for Validation:	4 sediment samples and 1 trip blank (TB) for 53 project-specific Volatile Organic Compounds (VOCs) 15 sediment samples and 1 equipment blank (EB) for 67 project-specific Semivolatile Organic Compounds (SVOCs)
Senior Data Reviewers:	Nancy C. Rothman, PhD, New Environmental Horizons, Inc. Susan D. Chapnick, New Environmental Horizons, Inc.
Date Completed:	October 12, 2012

This EPA Region I Tier I+ validation for VOCs and SVOCs was performed with the following intentions: 1) to determine if the data were generated and reported in accordance with the *Quality Assurance Project Plan for Shoreline Drilling and Sampling at the Former Aerovox Property, New Bedford Harbor Superfund Site,* prepared by Woods Hole Group, Inc. and New Environmental Horizons, Inc., July 2012 (Aerovox QAPP 2012); and the Region I, *EPA-NE Data Validation Functional Guidelines for Evaluating Environmental Analyses*, December 1996, including *Part II – Volatile /Semivolatile Data Validation Functional Guidelines*; 2) to determine if the data met project data quality objectives for acceptable accuracy, precision, sensitivity; and technical usability; and 3) to generate an electronic deliverable of validated results with project-specific data validation qualifiers added.

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The Data Validation Report consists of three parts:

- This Data Validation Report letter summarizing the actions taken;
- The database file of validated sample results with validation qualifiers, bias, and comments added based on actions taken; and
- The Data Review Checklists completed during this validation to document the Tier I+ reviews. The Checklists are an integral part of the DV Report as they contain comprehensive details of all quality control (QC) reviewed, the acceptance criteria used, and the professional judgment and actions taken.

I. Sample Descriptions and Analytical Parameters

The sample IDs, date of sampling, identification analytical parameters reviewed and the sample type (e.g., field sample, field duplicate (FD), field equipment blank (EB), trip blank (TB), as applicable), are listed below in Table 1.

Table 1. Sample Descriptions and Analytical Parameters Validated

Sample ID	Lab Sample ID	Collection Date	Matrix	Analytical Parameters	Sample Type
TB-071612-01	L1212599-01	7/16/2012	Water	Low-level VOCs	Trip Blank
S-12L-B006-0.0-0.5	L1212599-02	7/16/2012	Sediment	SVOCs	Field Sample
S-12L-B006-1.0-1.5	L1212599-03	7/16/2012	Sediment	SVOCs	Field Sample
S-12L-B006-1.0-1.5 REP	L1212599-04	7/16/2012	Sediment	SVOCs	FD of sample S-12L-B006-1.0-1.5
S-12L-B006-3.0-3.5	L1212599-05	7/16/2012	Sediment	SVOCs	Field Sample
S-12L-B006-6.5-7.0	L1212599-06	7/16/2012	Sediment	SVOCs	Field Sample
S-12L-B006-8.0-8.5	L1212599-07	7/16/2012	Sediment	SVOCs	Field Sample
S-12L-B006-10.5-11.0	L1212599-08	7/16/2012	Sediment	SVOCs	Field Sample
S-12L-B006-13.0-13.5	L1212599-09	7/16/2012	Sediment	SVOCs	Field Sample
S-12L-B006-16.5-17.0	L1212599-10	7/16/2012	Sediment	Low-level VOCs & SVOCs	Field Sample
S-12L-B006-21.0-21.5	L1212599-11	7/16/2012	Sediment	SVOCs	Field Sample
EB-071612-01	L1212599-12	7/16/2012	Water	SVOCs	Equipment Blank

Table 1. Sample Descriptions and Analytical Parameters Validated - *continued*

Sample ID	Lab Sample ID	Collection Date	Matrix	Analytical Parameters	Sample Type
S-12L-B006-23.0-23.5	L1212599-13	7/16/2012	Sediment	SVOCs	Field Sample
S-12L-B006-27.0-27.5	L1212599-14	7/16/2012	Sediment	SVOCs	Field Sample
S-12L-B006-28.5-29.0	L1212599-15	7/16/2012	Sediment	Low-level VOCs & SVOCs	Field Sample
S-12L-B006-31.0-31.5	L1212599-16	7/16/2012	Sediment	Low-level VOCs & SVOCs	Field Sample
S-12L-B006-26.0-26.5	L1212599-17	7/16/2012	Sediment	Low-level VOCs & SVOCs	Field Sample

Note: TB and EB results were reviewed for potential blank actions; however, full data review of these field QC samples was not performed as these results are not directly used for project decisions.

Analytical method references:

VOCs: *Volatile Organic Compounds by Gas Chromatography / Mass Spectrometry (GC/MS)* in EPA's Test Methods for Evaluating Solid Waste, Physical Chemical Methods, SW-846, Third Edition, Method 8260B, Rev. 2, December 1996, using low-level aqueous preservation by SW-846 Method 5035A.

SVOCs: *Semivolatile Organic Compounds by Gas Chromatography / Mass Spectrometry (GC/MS)* in EPA's Test Methods for Evaluating Solid Waste, Physical Chemical Methods, SW-846, Third Edition, Method 8270D, Rev. 4, February 2007.

II. Data Validation Report Summary

This Data Validation Report represents a Tier I+ validation of VOC and SVOC sample results and summary QC (method and matrix), which were used to evaluate accuracy, precision, and sensitivity compared to the Aerovox QAPP 2012 requirements, as applicable.

The following QC elements, as applicable to the analytical methods, were reviewed:

- Data package completeness and reporting protocols
- Sample receipt, holding times and preservation criteria
- Blank results including Method Blanks, Equipment Blanks, & Trip blanks
- Laboratory Control Sample (LCS) recoveries / LCS Duplicate Recoveries
- Surrogate Recoveries
- Matrix Spike (MS) / Matrix Spike Duplicate (MSD) Recoveries
- MS/MSD, LCS/LCSD, sample/Laboratory Duplicate (LD), or sample/Field Duplicate (FD) Relative Percent Differences (RPDs)
- Sample result reporting (including compound lists, reporting limits, and units)
- Calibration criteria* (including tune criteria, initial calibration and continuing calibration verification)
- Internal Standard (IS) Recoveries*

- Retention Time windows*
- Other method-specific QC if applicable and reported* (e.g., serial dilution results for metals)
- Deficiencies or protocol deviations as noted in the Laboratory Narrative

* This QC element is reviewed associated with the Tier II-type validation only. For Tier I+ validations this QC element is assumed to be acceptable unless otherwise noted in the laboratory narrative.

Based on this Tier I+ validation of VOCs and SVOCs, all results were considered usable for project decisions based on a comparison to the Aerovox QAPP 2012 requirements, with the understanding of the potential uncertainty (bias) in the qualified results summarized in Table 2. NEH generated electronic validated results based on the project database file received from WHG for these data, by updating the following database fields for field samples and field QC only: VALID_QUAL, VALIDATION_LEVEL, VALIDATION, VALID_DATE, BIAS, and DV_COMMENT.

Samples that reported all 53 project-specific VOCs as non-detect in the high-level analysis reported in SDG L1212595 were also analyzed using low-level aqueous preservation and were reported in this SDG L1212599. Four sediment samples and one TB, as shown in Table 1, were analyzed using the low-level preservation VOC analysis.

The remainder of this report documents "exceptions" to the Aerovox QAPP 2012 criteria, as applicable, or clarifications of data reported. QC elements not discussed below met all QAPP criteria. The full documentation of all QC elements reviewed during the Tier I+ validations are presented in the attached Data Validation Checklists.

Accuracy

LCS/LCSD recoveries demonstrated acceptable accuracy for VOCs and SVOCs.

MS/MSD analysis was performed on sample S-12L-B006-6.5-7.0 for SVOCs. Accuracy was acceptable for all SVOCs. MS/MSD of this sample for VOCs was reported in SDG L1212595.

The method, trip, and equipment blanks were all non-detect for VOCs and SVOCs; therefore, blank actions were not required.

Precision

LCS/LCSD and MS/MSD precision were acceptable for all SVOCs and VOCs.

The field duplicate samples for this sediment set were: S-12L-B006-1.0-1.5 and S-12L-B006-1.0-1.5 REP. VOC analysis of this FD pair was reported in SDG L1212595. FD precision was acceptable for all SVOCs except pyrene, which was estimated (DJ) as shown in Table 2. These results are an indication of generally acceptable representativeness and precision for the sediment samples to the site locations from sample collection through analysis for SVOCs.

Sensitivity & Reporting

Sample S-12L-B006-26.0-26.5 was received with the shipment; however, this sample was not on the Chain-of-custody (COC). Analysis of this sample was performed, at the client's request.

The laboratory reported results for all 53 project-specific target VOCs and 67 project-specific SVOCs required in the Aerovox QAPP 2012. As there were no Project Action Limits (PALs) for the analytes reported, all data met sensitivity requirements. Sample-specific reporting limits (RLs) were reported for all samples.

The laboratory reported all results for samples analyzed with dilutions (i.e., DF > 1) with a "D" qualifier. At Battelle's request, these "D" qualifiers were maintained during the DV process.

Table 2. Summary of Data Validation Actions

Field Sample ID	Analyte	Qualifier	Bias	Validation Comments
S-12L-B006-1.0-1.5 S-12L-B006-1.0-1.5 REP	Pyrene	DJ	I	FD imprecision

Qualifiers: U = Analyte is non-detect at or above the sample-specific reporting limit (RL); UJ = Non-detect is estimated at the RL; J = Result is estimated; EB = analyte detected in associated equipment blank; EMPC = estimated maximum possible concentration (PCB congeners only); R = Result is rejected and is unusable for project decisions; D = result reported from a dilution analysis (added by laboratory); C = Congener coelutes with another Congener(s) (added by laboratory).

Bias: L = Low; H = High; I = Indeterminate

Abbreviations used in Table 2:
FD = Field Duplicate

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Data Validation Report
EPA Region I Tier I+
VOCs by 8260B, SVOCs by 8270D, & PCB Aroclors by 8082

Client/Company:	Woods Hole Group, Inc. (WHG)
Site/Project Name:	New Bedford Harbor Superfund Site – Aerovox Sampling
Laboratory:	Alpha Analytical – Westborough, MA
Lab Project Number(s):	L1212707
Date(s) of Collection:	July 16, 2012 – July 17, 2012
Number / Type Samples & Analyses for Validation:	19 sediment samples, 3 equipment blanks (EB), and 3 trip blanks (TB) for 53 project-specific Volatile Organic Compounds (VOCs) 19 sediment samples and 3 EB for 67 project-specific Semivolatile Organic Compounds (SVOC) and for 9 project-specific Polychlorinated Biphenyl Aroclors (PCB Aroclors)
Senior Data Reviewers:	Nancy C. Rothman, PhD, New Environmental Horizons, Inc. Susan D. Chapnick, New Environmental Horizons, Inc.
Date Completed:	October 11, 2012

This EPA Region I Tier I+ validation for VOCs and PCB Aroclors was performed with the following intentions: 1) to determine if the data were generated and reported in accordance with the *Quality Assurance Project Plan for Shoreline Drilling and Sampling at the Former Aerovox Property, New Bedford Harbor Superfund Site,* prepared by Woods Hole Group, Inc. and New Environmental Horizons, Inc., July 2012 (Aerovox QAPP 2012); and the Region I, *EPA-NE Data Validation Functional Guidelines for Evaluating Environmental Analyses,* December 1996, including *Part II – Volatile /Semivolatile Data Validation Functional Guidelines*, and *Part III – Pesticide/PCB Data Validation Functional Guidelines*; 2) to determine if the data met project data quality objectives for acceptable accuracy, precision, sensitivity; and technical usability; and 3) to generate an electronic deliverable of validated results with project-specific data validation qualifiers added.

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The Data Validation Report consists of three parts:

- This Data Validation Report letter summarizing the actions taken;
- The database file of validated sample results with validation qualifiers, bias, and comments added based on actions taken; and
- The Data Review Checklists completed during this validation to document the Tier I+ reviews. The Checklists are an integral part of the DV Report as they contain comprehensive details of all quality control (QC) reviewed, the acceptance criteria used, and the professional judgment and actions taken.

I. Sample Descriptions and Analytical Parameters

The sample IDs, date of sampling, identification analytical parameters reviewed and the sample type (e.g., field sample, field duplicate (FD), field equipment blank (EB), trip blank (TB), as applicable), are listed below in Table 1.

Table 1. Sample Descriptions and Analytical Parameters Validated

Sample ID	Lab Sample ID	Collection Date	Matrix	Analytical Parameters	Sample Type
EB-071612-02	L1212707-01	7/16/2012	Water	Low-level VOCs, SVOCs, & PCB Aroclors	Equipment Blank
TB-071712-01	L1212707-02	7/16/2012	Water	Low-level VOCs	Trip Blank
S-12L-B009-0.5-1.0	L1212707-03	7/16/2012	Sediment	High-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B009-1.5-2.0	L1212707-04	7/16/2012	Sediment	High-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B009-1.5-2.0REP	L1212707-05	7/16/2012	Sediment	High-level VOCs, SVOCs, & PCB Aroclors	FD of sample S-12L-B009-1.5-2.0
TB-071712-03	L1212707-06	7/16/2012	Water	Low-level VOCs	Trip Blank
S-12L-B009-5.5-6.0	L1212707-07	7/16/2012	Sediment	High-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B009-9.2-9.7	L1212707-08	7/16/2012	Sediment	Low-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B009-10.3-10.8	L1212707-09	7/16/2012	Sediment	Low-level VOCs, High-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B009-15.0-15.5	L1212707-10	7/16/2012	Sediment	High-level VOCs, SVOCs, & PCB Aroclors	Field Sample

Table 1. Sample Descriptions and Analytical Parameters Validated - *continued*

Sample ID	Lab Sample ID	Collection Date	Matrix	Analytical Parameters	Sample Type
S-12L-B009-19.0-19.5	L1212707-11	7/16/2012	Sediment	Low-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B009-21.5-22.0	L1212707-12	7/16/2012	Sediment	Low-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B008-0.5-1.0	L1212707-13	7/17/2012	Sediment	High-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B008-0.5-1.0REP	L1212707-14	7/17/2012	Sediment	High-level VOCs, SVOCs, & PCB Aroclors	FD of sample S-12L-B008-0.5-1.0
S-12L-B008-1.5-2.0	L1212707-15	7/17/2012	Sediment	High-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B008-3.0-3.5	L1212707-16	7/17/2012	Sediment	High-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B008-6.0-6.5	L1212707-17	7/17/2012	Sediment	High-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B008-7.5-8.0	L1212707-18	7/17/2012	Sediment	High-level VOCs, SVOCs, & PCB Aroclors	Field Sample
EB-071712-01	L1212707-19	7/17/2012	Water	Low-level VOCs, SVOCs, & PCB Aroclors	Equipment Blank
EB-071712-02	L1212707-20	7/17/2012	Water	Low-level VOCs, SVOCs, & PCB Aroclors	Equipment Blank
S-12L-B008-11.0-11.5	L1212707-21	7/17/2012	Sediment	High-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B008-16.5-17.0	L1212707-22	7/17/2012	Sediment	High-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B008-21.0-21.5	L1212707-23	7/17/2012	Sediment	Low-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B008-22.2-22.7	L1212707-24	7/17/2012	Sediment	Low-level VOCs, SVOCs, & PCB Aroclors	Field Sample
TB-071712-02	L1212707-26	7/16/2012	Methanol	High-level VOCs	Trip Blank

Note: TB and EB results were reviewed for potential blank actions; however, full data review of these field QC samples was not performed as these results are not directly used for project decisions.

Analytical method references:

VOCs: *Volatile Organic Compounds by Gas Chromatography / Mass Spectrometry (GC/MS)* in EPA's Test Methods for Evaluating Solid Waste, Physical Chemical Methods, SW-846, Third Edition, Method 8260B, Rev. 2, December 1996, using low-level aqueous preservation and high-level methanol preservation by SW-846 Method 5035A for field samples.

SVOCs: *Semivolatile Organic Compounds by Gas Chromatography / Mass Spectrometry (GC/MS)* in EPA's Test Methods for Evaluating Solid Waste, Physical Chemical Methods, SW-846, Third Edition, Method 8270D, Rev. 4, February 2007.

PCB Aroclors: *Polychlorinated Biphenyls (PCBs) by Gas Chromatography* in EPA's Test Methods for Evaluating Solid Waste, Physical Chemical Methods, SW-846, Third Edition, Method 8082, Rev. 1, February 2007.

II. Data Validation Report Summary

This Data Validation Report represents a Tier I+ validation of VOCs and PCB Aroclors sample results and summary QC (method and matrix), which were used to evaluate accuracy, precision, and sensitivity compared to the Aerovox QAPP 2012 requirements, as applicable.

The following QC elements, as applicable to the analytical methods, were reviewed:

- Data package completeness and reporting protocols
- Sample receipt, holding times and preservation criteria
- Blank results including Method Blanks, Equipment Blanks, & Trip blanks
- Laboratory Control Sample (LCS) recoveries / LCS Duplicate Recoveries
- Surrogate Recoveries
- Matrix Spike (MS) / Matrix Spike Duplicate (MSD) Recoveries
- MS/MSD, LCS/LCSD, sample/Laboratory Duplicate (LD), or sample/Field Duplicate (FD) Relative Percent Differences (RPDs)
- Sample result reporting (including compound lists, reporting limits, and units)
- Calibration criteria* (including tune criteria, initial calibration and continuing calibration verification)
- Internal Standard (IS) Recoveries*
- Retention Time windows*
- Other method-specific QC if applicable and reported* (e.g., serial dilution results for metals)
- Deficiencies or protocol deviations as noted in the Laboratory Narrative

* This QC element is reviewed associated with the Tier II-type validation only. For Tier I+ validations this QC element is assumed to be acceptable unless otherwise noted in the laboratory narrative.

Based on this Tier I+ validation of VOCs, SVOCs, and PCB Aroclors, the data were considered usable based on a comparison to the Aerovox QAPP 2012 requirements, with the understanding of the potential uncertainty (bias) in the qualified results summarized in Table 2. NEH generated electronic validated results based on the project database file received from WHG for these data, by updating the following database fields for field samples and field QC only: VALID_QUAL, VALIDATION_LEVEL, VALIDATION, VALID_DATE, BIAS, and DV_COMMENT.

The Matrix Spike Analysis Batch Quality Control summary form reported the "MS Found" and/or "MSD Found" as "ND" if the value found for a compound was less than the sample-specific reporting limit. Consequently, the "MS %Recovery" or "MSD %Recovery" was reported as "0" for these results. However, an evaluation of the raw data indicated that recoveries were acceptable, except as indicated below in the accuracy section of this report. In addition, the "RPD" calculation for the MS and MSD in this summary form used the "MS Found" and "MSD Found" values rather than "MS %Recovery" and "MSD %Recovery," which lead to erroneous RPD values for low-level VOC analyses. The concentrations found for the MS and MSD are based on the actual weights of sample analyzed, which may be very different for the MS and MSD in the low-level VOC analysis. During this Tier 1+ validation, the RPDs were evaluated using %Recovery for the MS and MSD and all were considered acceptable unless noted below in the precision section of this report.

The remainder of this report documents "exceptions" to the Aerovox QAPP 2012 criteria, as applicable, or clarifications of data reported. QC elements not discussed below met all QAPP criteria. The full documentation of all QC elements reviewed during the Tier I+ validations are presented in the attached Data Validation Checklists.

Accuracy

MS/MSD analysis was not reported for SVOCs and PCB Aroclors on sample S-12L-B008-11.0-11.5, though it was requested on the Chain-of-Custody. According to the laboratory, the levels of SVOCs and Aroclors in the unspiked samples would have necessitated dilutions that would have diluted-out the matrix spike.

MS/MSD analysis was performed for high-level VOCs on sample S-12L-B008-11.0-11.5. Accuracy was acceptable for all VOCs in the MS/MSD except for trichlorofluoromethane, bromomethane, chloroethane, dichlorodifluoromethane, cyclohexane, methylcyclohexane, 1,1,2-trichloro-1,2,2-trifluoroethane, and 1,4-dioxane, which recovered below QAPP criteria but above 10% recovery in the MS and/or MSD. The results for these eight compounds were estimated (UJ) with possible low bias, unless other issues affect the data, in sample S-12L-B008-11.0-11.5 as shown in Table 2.

SVOC surrogates were not recovered (reported at 0% recovery) in samples S-12L-B008-0.5-1.0, S-12L-B008-0.5-1.0REP, and S-12L-B008-1.5-2.0 due to the dilutions made for analysis of these samples to report all detects within the instrument calibration range. No action was required since the surrogates were diluted-out.

PCB surrogates were not recovered (reported at 0% recovery) in samples S-12L-B008-0.5-1.0, S-12L-B008-0.5-1.0REP, S-12L-B008-1.5-2.0, S-12L-B008-11.0-11.5, S-12L-B008-16.5-17.0, S-12L-B008-3.0-3.5, S-12L-B008-6.0-6.5, and S-12L-B008-7.5-8.0 due to the dilutions made for analysis of these samples to report all detects within the instrument calibration range. No action was required since the surrogates were diluted-out.

LCS/LCSD recoveries demonstrated acceptable accuracy for VOCs, SVOCs, and PCB Aroclors.

The method blanks, trip blanks, and equipment blanks were all non-detect for VOCs, SVOCs, and PCB Aroclors. Therefore, blank action was not required.

Precision

MS/MSD precision was acceptable for all VOCs except 1,4-dioxane. The 1,4-dioxane result in sample S-12L-B008-11.0-11.5 was estimated (UJ) with indeterminate bias due to he observed MS/MSD imprecision as shown in Table 2.

LCS/LCSD precision was acceptable for all VOCs, SVOCs, and PCB Aroclors.

The field duplicate samples for this sediment set were: S-12L-B008-0.5-1.0 and S-12L-B008-0.5-1.0REP and S-12L-B009-1.5-2.0 and S-12L-B009-1.5-2.0REP. FD precision was acceptable for all VOCs, SVOCs, and PCB Aroclors in these two FD pairs except: 1,2,3-trichloroethene and 1,2,4-trichlorobenzene in samples S-12L-B008-0.5-1.0 and S-12L-B008-0.5-1.0REP. The results for these compounds were estimated (UJ) with indeterminate biased based upon the observed imprecision. These results are an indication of acceptable representativeness and precision for the sediment samples to the site locations from sample collection through analysis for SVOCs and PCB Aroclors and variable representativeness and precision for VOCs.

Sensitivity & Reporting

The laboratory reported results for all 53 project-specific target VOCs, 67 project-specific SVOCs, and 9 PCB Aroclors required in the Aerovox QAPP 2012. As there were no Project Action Limits (PALs) for the analytes reported, all data met sensitivity requirements. Sample-specific reporting limits (RLs) were reported for all samples.

Sample S-12L-B009-0.5-1.0 reported low percent solids (30%). EPA Region I DV criteria indicates that for samples containing greater than or equal to 10% solids but less than or equal to 30% solids, all detects should be qualified as estimated (J) and non-detects rejected (R) as unusable data. Since the objective for this sampling was to evaluate the vertical nature and extent of chemical contaminants in sediments, professional judgment was used to estimate (UJ) non-detect data rather than reject these data based on low % solids content. The user is cautioned that non-detects for samples with less than 30% solids may not be representative of the site location. All VOC, SVOC, and PCB Aroclor results for sample S-12L-B009-0.5-1.0 were estimated (J and UJ) with indeterminate bias due to low percent solids content of the sample as shown in Table 2.

In the analysis of three high-level VOC samples, trichloroethene and/or cis-1,2-dichloroethene was reported above the calibration range and the laboratory qualified each result with an "E". The laboratory reanalyzed the high-level VOC samples at a secondary dilution to report these compounds within the calibration range. The following data were accepted for reporting:

- S-12L-B008-0.5-1.0: all dilution factor (DF) 5 data were accepted except cis-1,2-dichloroethene, which was accepted from DF = 50 analysis
- S-12L-B008-0.5-1.0REP: all DF = 10 data were accepted except cis-1,2-dichloroethene, which was accepted from DF = 100 analysis
- S-12L-B009-0.5-1.0: all DF = 1 data were accepted except cis-1,2-dichloroethene and trichloroethene, which were accepted from DF = 10 analysis.

The electronic database file was amended by changing the entry for "REPORT_YN" from "Y" to "N" for the results not chosen for reporting in these samples.

Sample S-12L-B009-10.3-10.8, which was analyzed as a low-level VOC, was also analyzed as a high-level VOC since cis-1,2-dichloroethene was reported above the calibration range in the low-level VOC analysis (laboratory qualified the result with an "E"). For this sample, all low-level VOC results were chosen for reporting except cis-1,2-dichloroethene and trichloroethene, which were chosen for reporting from the high-level VOC analysis. The electronic database file was amended by changing the entry for "REPORT_YN" from "Y" to "N" for the results not chosen for reporting in this sample.

The laboratory reported all results for samples analyzed with dilutions (i.e., DF > 1) with a "D" qualifier. At Battelle's request, these "D" qualifiers were maintained during the DV process.

Table 2. Summary of Data Validation Actions

Field Sample ID	Analyte	Qualifier	Bias	Validation Comments
S-12L-B009-0.5-1.0	All high-level VOCs All SVOCs All PCB Aroclors	J / DJ / UJ	I	Low % Solids
S-12L-B008-0.5-1.0 S-12L-B008-0.5-1.0REP	1,2,3-Trichlorobenzene 1,2,4-Trichlorobenzene	DJ	I	FD imprecision
S-12L-B008-11.0-11.5	Bromomethane Chloroethane Cyclohexane Dichlorodifluoromethane Methylcyclohexane Trichlorofluoromethane 1,1,2-Trichloro-1,2,2-Trifluoroethane	UJ	L	Low MS recovery
S-12L-B008-11.0-11.5	1,4-Dioxane (P-Dioxane)	UJ	I	Low MS recovery + MS/MSD imprecision

Qualifiers: U = Analyte is non-detect at or above the sample-specific reporting limit (RL); UJ = Non-detect is estimated at the RL; J = Result is estimated; EB = analyte detected in associated equipment blank; EMPC = estimated maximum possible concentration (PCB congeners only); R = Result is rejected and is unusable for project decisions; D = result reported from a dilution analysis (added by laboratory); C = Congener coelutes with another Congener(s) (added by laboratory).

Bias: L = Low; H = High; I = Indeterminate

Abbreviations used in Table 2:
FD = Field Duplicate
MS = Matrix Spike
MSD = Matrix Spike Duplicate
% = Percent

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Data Validation Report
EPA Region I Tier I+
VOCs by 8260B, SVOCs by 8270D, & PCB Aroclors by 8082

Client/Company:	Woods Hole Group, Inc. (WHG)
Site/Project Name:	New Bedford Harbor Superfund Site – Aerovox Sampling
Laboratory:	Alpha Analytical – Westborough, MA
Lab Project Number(s):	L1212822
Date(s) of Collection:	July 14, 2012 and July 17, 2012
Number / Type Samples & Analyses for Validation:	24 sediment samples, 2 equipment blanks (EB), and 3 trip blanks (TB) for 53 project-specific Volatile Organic Compounds (VOCs) 24 sediment samples and 2 EB for 67 project-specific Semivolatile Organic Compounds (SVOC) and for 9 project-specific Polychlorinated Biphenyl Aroclors (PCB Aroclors)
Senior Data Reviewers:	Nancy C. Rothman, PhD, New Environmental Horizons, Inc. Susan D. Chapnick, New Environmental Horizons, Inc.
Date Completed:	October 15, 2012

This EPA Region I Tier I+ validation for VOCs and PCB Aroclors was performed with the following intentions: 1) to determine if the data were generated and reported in accordance with the *Quality Assurance Project Plan for Shoreline Drilling and Sampling at the Former Aerovox Property, New Bedford Harbor Superfund Site,* prepared by Woods Hole Group, Inc. and New Environmental Horizons, Inc., July 2012 (Aerovox QAPP 2012); and the Region I, *EPA-NE Data Validation Functional Guidelines for Evaluating Environmental Analyses,* December 1996, including *Part II – Volatile /Semivolatile Data Validation Functional Guidelines*, and *Part III – Pesticide/PCB Data Validation Functional Guidelines*; 2) to determine if the data met project data quality objectives for acceptable accuracy, precision, sensitivity; and technical usability; and 3) to generate an electronic deliverable of validated results with project-specific data validation qualifiers added.

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I. Sample Descriptions and Analytical Parameters

The sample IDs, date of sampling, identification analytical parameters reviewed and the sample type (e.g., field sample, field duplicate (FD), field equipment blank (EB), trip blank (TB), as applicable), are listed below in Table 1.

Table 1. Sample Descriptions and Analytical Parameters Validated

Sample ID	Lab Sample ID	Collection Date	Matrix	Analytical Parameters	Sample Type
TB-071812-01	L1212822-01	7/18/2012	Water	Low-level VOCs	Trip Blank
TB-071812-02	L1212822-02	7/18/2012	Methanol	High-level VOCs	Trip Blank
S-12L-B010-0.2-0.7	L1212822-03	7/17/2012	Sediment	High-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B010-1.0-1.5	L1212822-04	7/17/2012	Sediment	High-level VOCs, SVOCs, & PCB Aroclors	Field Sample
EB-071712-03	L1212822-05	7/17/2012	Water	Low-level VOCs, SVOCs, & PCB Aroclors	Equipment Blank
S-12L-B010-2.5-3.0	L1212822-06	7/17/2012	Sediment	High-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B010-2.5-3.0 REP	L1212822-07	7/17/2012	Sediment	High-level VOCs, SVOCs, & PCB Aroclors	FD of sample S-12L-B010-2.5-3.0
S-12L-B010-4.0-4.5	L1212822-08	7/17/2012	Sediment	Low-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B010-6.5-7.0	L1212822-09	7/17/2012	Sediment	Low-level VOCs, High-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B010-9.0-9.5	L1212822-10	7/17/2012	Sediment	Low-level VOCs, SVOCs, & PCB Aroclors	Field Sample

Table 1. Sample Descriptions and Analytical Parameters Validated - *continued*

Sample ID	Lab Sample ID	Collection Date	Matrix	Analytical Parameters	Sample Type
S-12L-B010-11.0-11.5	L1212822-11	7/17/2012	Sediment	Low-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B010-14.0-14.5	L1212822-12	7/17/2012	Sediment	Low-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B010-15.8-16.3	L1212822-13	7/17/2012	Sediment	Low-level VOCs, High-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B010-20.0-20.5	L1212822-14	7/17/2012	Sediment	Low-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B010-21.5-22.0	L1212822-15	7/17/2012	Sediment	Low-level VOCs, High-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B010-22.7-23.2	L1212822-16	7/17/2012	Sediment	Low-level VOCs, SVOCs, & PCB Aroclors	Field Sample
EB-071812-01	L1212822-17	7/18/2012	Water	Low-level VOCs, SVOCs, & PCB Aroclors	Equipment Blank
S-12L-B005-6.0-6.5	L1212822-18	7/14/2012	Sediment	High-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B005-7.5-8.0	L1212822-19	7/14/2012	Sediment	Low-level VOCs, High-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B005-10.5-11.0	L1212822-20	7/14/2012	Sediment	Low-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B005-15.2-15.7	L1212822-21	7/14/2012	Sediment	Low-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B005-16.5-17.0	L1212822-22	7/14/2012	Sediment	Low-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B005-18.0-18.5	L1212822-23	7/14/2012	Sediment	Low-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B005-19.0-19.5	L1212822-24	7/14/2012	Sediment	Low-level VOCs, SVOCs, & PCB Aroclors	Field Sample

Table 1. Sample Descriptions and Analytical Parameters Validated - *continued*

Sample ID	Lab Sample ID	Collection Date	Matrix	Analytical Parameters	Sample Type
S-12L-B005-21.0-21.5	L1212822-25	7/14/2012	Sediment	Low-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B011-0.2-0.7	L1212822-26	7/17/2012	Sediment	Low-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B011-2.0-2.5	L1212822-27	7/17/2012	Sediment	High-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B011-2.0-2.5 REP	L1212822-28	7/17/2012	Sediment	High-level VOCs, SVOCs, & PCB Aroclors	FD of sample S-12L-B011-2.0-2.5
TB-071812-03	L1212822-29	7/18/2012	Methanol	High-level VOCs	Trip Blank

Note: TB and EB results were reviewed for potential blank actions; however, full data review of these field QC samples was not performed as these results are not directly used for project decisions.

Analytical method references:

VOCs: *Volatile Organic Compounds by Gas Chromatography / Mass Spectrometry (GC/MS)* in EPA's Test Methods for Evaluating Solid Waste, Physical Chemical Methods, SW-846, Third Edition, Method 8260B, Rev. 2, December 1996, using low-level aqueous preservation and high-level methanol preservation by SW-846 Method 5035A for field samples.

SVOCs: *Semivolatile Organic Compounds by Gas Chromatography / Mass Spectrometry (GC/MS)* in EPA's Test Methods for Evaluating Solid Waste, Physical Chemical Methods, SW-846, Third Edition, Method 8270D, Rev. 4, February 2007.

PCB Aroclors: *Polychlorinated Biphenyls (PCBs) by Gas Chromatography* in EPA's Test Methods for Evaluating Solid Waste, Physical Chemical Methods, SW-846, Third Edition, Method 8082, Rev. 1, February 2007.

II. Data Validation Report Summary

This Data Validation Report represents a Tier I+ validation of VOCs and PCB Aroclors sample results and summary QC (method and matrix), which were used to evaluate accuracy, precision, and sensitivity compared to the Aerovox QAPP 2012 requirements, as applicable.

The following QC elements, as applicable to the analytical methods, were reviewed:

- Data package completeness and reporting protocols
- Sample receipt, holding times and preservation criteria
- Blank results including Method Blanks, Equipment Blanks, & Trip blanks
- Laboratory Control Sample (LCS) recoveries / LCS Duplicate Recoveries
- Surrogate Recoveries
- Matrix Spike (MS) / Matrix Spike Duplicate (MSD) Recoveries

- MS/MSD, LCS/LCSD, sample/Laboratory Duplicate (LD), or sample/Field Duplicate (FD) Relative Percent Differences (RPDs)
- Sample result reporting (including compound lists, reporting limits, and units)
- Calibration criteria* (including tune criteria, initial calibration and continuing calibration verification)
- Internal Standard (IS) Recoveries*
- Retention Time windows*
- Other method-specific QC if applicable and reported* (e.g., serial dilution results for metals)
- Deficiencies or protocol deviations as noted in the Laboratory Narrative

* This QC element is reviewed associated with the Tier II-type validation only. For Tier I+ validations this QC element is assumed to be acceptable unless otherwise noted in the laboratory narrative.

Based on this Tier I+ validation of VOCs, SVOCs, and PCB Aroclors, the data were considered usable based on a comparison to the Aerovox QAPP 2012 requirements, with the understanding of the potential uncertainty (bias) in the qualified results summarized in Table 2. NEH generated electronic validated results based on the project database file received from WHG for these data, by updating the following database fields for field samples and field QC only: VALID_QUAL, VALIDATION_LEVEL, VALIDATION, VALID_DATE, BIAS, and DV_COMMENT.

The Matrix Spike Analysis Batch Quality Control summary form reported the "MS Found" and/or "MSD Found" as "ND" if the value found for a compound was less than the sample-specific reporting limit. Consequently, the "MS %Recovery" or "MSD %Recovery" was reported as "0" for these results. However, an evaluation of the raw data indicated that recoveries were acceptable, except as indicated below in the accuracy section of this report. In addition, the "RPD" calculation for the MS and MSD in this summary form used the "MS Found" and "MSD Found" values rather than "MS %Recovery" and "MSD %Recovery," which lead to erroneous RPD values for low-level VOC analyses. The concentrations found for the MS and MSD are based on the actual weights of sample analyzed, which may be very different for the MS and MSD in the low-level VOC analysis. During this Tier 1+ validation, the RPDs were evaluated using %Recovery for the MS and MSD and all were considered acceptable unless noted below in the precision section of this report.

The remainder of this report documents "exceptions" to the Aerovox QAPP 2012 criteria, as applicable, or clarifications of data reported. QC elements not discussed below met all QAPP criteria. The full documentation of all QC elements reviewed during the Tier I+ validations are presented in the attached Data Validation Checklists.

All cores from ABS-5 (B005) were collected and frozen immediately by WHG on July 14, 2012. On July 18, 2012, these cores were thawed and processed to produce samples for chemistry analysis. The samples from ABS-5 were received at Alpha on July 18, 2012 along with all other samples reported in this SDG. As a consequence of freezing, these samples were considered to have been extracted and analyzed within holding time.

Accuracy

MS/MSD analysis was not performed for VOCs, SVOCs, or PCB Aroclors since additional sample was not collected for the purpose of analyzing these QC samples and the MS/MSD analysis was not requested on the Chain-of-Custody. Some analyses reported batch MS/MSD analyses on samples not reported in this SDG. The batch QC results were not reviewed as they would not impact the data quality of the site field samples.

PCB surrogates were not recovered (reported at 0% recovery) in samples S-12L-B010-0.2-0.7 and S-12L-B011-0.2-0.7 due to the dilutions made for analysis of these samples to report all detects within the instrument calibration range. No action was required since the surrogates were diluted-out.

LCS/LCSD recoveries demonstrated acceptable accuracy for VOCs, SVOCs, and PCB Aroclors except for one low-level VOC LCS/LCSD, which reported low recoveries for trichlorofluoromethane, methyl cyclohexane, and 1,1,2-trichloro-1,2,2-trifluoroethane. The results for these three compounds were estimated (UJ) with possible low bias in sample S-12L-B005-7.5-8.0 as shown in Table 2.

The method blanks, trip blanks, and equipment blanks were all non-detect for VOCs, SVOCs, and PCB Aroclors. Therefore, blank action was not required.

Precision

LCS/LCSD precision was acceptable for all VOCs, SVOCs, and PCB Aroclors.

The field duplicate samples for this sediment set were: S-12L-B010-2.5-3.0 / S-12L-B010-2.5-3.0 REP and S-12L-B011-2.0-2.5 / S-12L-B011-2.0-2.5 REP. FD precision was acceptable for all VOCs, SVOCs, and PCB Aroclors in these two FD pairs except: vinyl chloride, Aroclor 1242, and Aroclor 1254 in samples S-12L-B010-2.5-3.0 / S-12L-B010-2.5-3.0 REP; and Aroclor 1242 in samples S-12L-B011-2.0-2.5 / S-12L-B011-2.0-2.5 REP. The results for these compounds were estimated (J) with indeterminate biased based upon the observed imprecision. Note that all SVOCs were non-detect in these FD pair samples; therefore, though the results are consistent with each other, it was not possible to calculate relative percent difference (RPD) for SVOC FD precision. These FD results are an indication of acceptable representativeness and precision for the sediment samples to the site locations from sample collection through analysis for SVOCs and variable representativeness and precision for VOCs and PCB Aroclors.

Sensitivity & Reporting

The laboratory reported results for all 53 project-specific target VOCs, 67 project-specific SVOCs, and 9 PCB Aroclors required in the Aerovox QAPP 2012. As there were no Project Action Limits (PALs) for the analytes reported, all data met sensitivity requirements. Sample-specific reporting limits (RLs) were reported for all samples.

Sample S-12L-B010-1.0-1.5 reported low percent solids (12%). EPA Region I DV criteria indicates that for samples containing greater than or equal to 10% solids but less than or equal to 30% solids, all detects should be qualified as estimated (J) and non-detects rejected (R) as unusable data. Since the objective for this sampling was to evaluate the vertical nature and extent of chemical contaminants in

sediments, professional judgment was used to estimate (UJ) non-detect data rather than reject these data based on low % solids content. The user is cautioned that non-detects for samples with less than 30% solids may not be representative of the site location. All VOC, SVOC, and PCB Aroclor results for sample S-12L-B010-1.0-1.5 were estimated (UJ) with indeterminate bias due to low percent solids content of the sample as shown in Table 2.

In the analysis of three low-level VOC samples, trichloroethene and/or cis-1,2-dichloroethene was reported above the calibration range and the laboratory qualified each result with an "E". The laboratory reanalyzed the samples as high-level VOC samples to report these compounds within the calibration range. The following data were accepted for reporting:

- S-12L-B010-6.5-7.0: all low-level VOC data were accepted except cis-1,2-dichloroethene, which was accepted from the high-level analysis.
- S-12L-B010-15.8-16.3: all low-level VOC data were accepted except trichloroethene, which was accepted from the high-level analysis.
- S-12L-B010-21.5-22.0: all low-level VOC data were accepted except trichloroethene, which was accepted from the high-level analysis.

The electronic database file was amended by changing the entry for “REPORT_YN” from “Y” to “N” for the results not chosen for reporting in these samples.

Sample S-12L-B005-7.5-8.0, which was analyzed as a high-level VOC, was also analyzed as a low-level VOC since the sample concentrations did not meet the laboratory acceptance criteria to be reported from the high-level analysis. For this sample, all low-level VOC results were accepted for reporting except cis-1,2-dichloroethene and trichloroethene, which were accepted from the high-level analysis. The electronic database file was amended by changing the entry for “REPORT_YN” from “Y” to “N” for the results not chosen for reporting in this sample.

The laboratory reported all results for samples analyzed with dilutions (i.e., DF > 1) with a “D” qualifier. At Battelle’s request, these “D” qualifiers were maintained during the DV process.

Table 2. Summary of Data Validation Actions

Field Sample ID	Analyte	Qualifier	Bias	Validation Comments
S-12L-B010-1.0-1.5	All high-level VOCs All SVOCs All PCB Aroclors	J / UJ / DJ / UJ	I	Low % Solids
S-12L-B005-7.5-8.0	Methylcyclohexane Trichlorofluoromethane 1,1,2-Trichloro-1,2,2-Trifluoroethane	UJ	L	Low LCS recovery
S-12L-B010-2.5-3.0 S-12L-B010-2.5-3.0 REP	Vinyl Chloride	DJ	I	FD imprecision
S-12L-B010-2.5-3.0 S-12L-B010-2.5-3.0 REP	Aroclor 1242 Aroclor 1254	J	I	FD imprecision
S-12L-B011-2.0-2.5 S-12L-B011-2.0-2.5 REP	Aroclor 1242	J	I	FD imprecision

Qualifiers: U = Analyte is non-detect at or above the sample-specific reporting limit (RL); UJ = Non-detect is estimated at the RL; J = Result is estimated; EB = analyte detected in associated equipment blank; EMPC = estimated maximum possible concentration (PCB congeners only); R = Result is rejected and is unusable for project decisions; D = result reported from a dilution analysis (added by laboratory); C = Congener coelutes with another Congener(s) (added by laboratory).

Bias: L = Low; H = High; I = Indeterminate

Abbreviations used in Table 2:

FD = Field Duplicate
LCS = Laboratory Control Sample
% = Percent

Data Validation Report
EPA Region I Tier I+
VOCs by 8260B, SVOCs by 8270D, & PCB Aroclors by 8082

Client/Company:	Woods Hole Group, Inc. (WHG)
Site/Project Name:	New Bedford Harbor Superfund Site – Aerovox Sampling
Laboratory:	Alpha Analytical – Westborough, MA
Lab Project Number(s):	L1212869
Date(s) of Collection:	July 17, 2012
Number / Type Samples & Analyses for Validation:	9 sediment samples and 2 trip blanks (TB) for 53 project-specific Volatile Organic Compounds (VOCs) 9 sediment samples for 67 project-specific Semivolatile Organic Compounds (SVOC) and for 9 project-specific Polychlorinated Biphenyl Aroclors (PCB Aroclors)
Senior Data Reviewers:	Nancy C. Rothman, PhD, New Environmental Horizons, Inc. Susan D. Chapnick, New Environmental Horizons, Inc.
Date Completed:	October 16, 2012

This EPA Region I Tier I+ validation for VOCs and PCB Aroclors was performed with the following intentions: 1) to determine if the data were generated and reported in accordance with the *Quality Assurance Project Plan for Shoreline Drilling and Sampling at the Former Aerovox Property, New Bedford Harbor Superfund Site,* prepared by Woods Hole Group, Inc. and New Environmental Horizons, Inc., July 2012 (Aerovox QAPP 2012); and the Region I, *EPA-NE Data Validation Functional Guidelines for Evaluating Environmental Analyses,* December 1996, including *Part II – Volatile /Semivolatile Data Validation Functional Guidelines*, and *Part III – Pesticide/PCB Data Validation Functional Guidelines*; 2) to determine if the data met project data quality objectives for acceptable accuracy, precision, sensitivity; and technical usability; and 3) to generate an electronic deliverable of validated results with project-specific data validation qualifiers added.

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The Data Validation Report consists of three parts:

- This Data Validation Report letter summarizing the actions taken;
- The database file of validated sample results with validation qualifiers, bias, and comments added based on actions taken; and
- The Data Review Checklists completed during this validation to document the Tier I+ reviews. The Checklists are an integral part of the DV Report as they contain comprehensive details of all quality control (QC) reviewed, the acceptance criteria used, and the professional judgment and actions taken.

I. Sample Descriptions and Analytical Parameters

The sample IDs, date of sampling, identification analytical parameters reviewed and the sample type (e.g., field sample, field duplicate (FD), field equipment blank (EB), trip blank (TB), as applicable), are listed below in Table 1.

Table 1. Sample Descriptions and Analytical Parameters Validated

Sample ID	Lab Sample ID	Collection Date	Matrix	Analytical Parameters	Sample Type
TB-071812-01	L1212869-01	7/18/2012	Methanol	High-level VOCs	Trip Blank
S-12L-B011-3.5-4.0	L1212869-02	7/18/2012	Sediment	Low-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B011-8.5-9.0	L1212869-03	7/17/2012	Sediment	Low-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B011-13.5-14.0	L1212869-04	7/17/2012	Sediment	Low-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B011-16.0-16.5	L1212869-05	7/17/2012	Sediment	Low-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B011-18.5-19.0	L1212869-06	7/17/2012	Sediment	Low-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B011-20.0-20.5	L1212869-07	7/17/2012	Sediment	Low-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B011-21.5-22.0	L1212869-08	7/17/2012	Sediment	Low-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B011-22.0-22.5	L1212869-09	7/17/2012	Sediment	Low-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B011-25.5-26.0	L1212869-10	7/17/2012	Sediment	Low-level VOCs, SVOCs, & PCB Aroclors	Field Sample

Table 1. Sample Descriptions and Analytical Parameters Validated - *continued*

Sample ID	Lab Sample ID	Collection Date	Matrix	Analytical Parameters	Sample Type
TB-071912-02	L1212869-11	7/17/2012	Water	Low-level VOCs	Trip Blank

Note: TB and EB results were reviewed for potential blank actions; however, full data review of these field QC samples was not performed as these results are not directly used for project decisions.

Analytical method references:

VOCs: *Volatile Organic Compounds by Gas Chromatography / Mass Spectrometry (GC/MS)* in EPA's Test Methods for Evaluating Solid Waste, Physical Chemical Methods, SW-846, Third Edition, Method 8260B, Rev. 2, December 1996, using low-level aqueous preservation for field samples and high-level methanol preservation by SW-846 Method 5035A for 1 TB.

SVOCs: *Semivolatile Organic Compounds by Gas Chromatography / Mass Spectrometry (GC/MS)* in EPA's Test Methods for Evaluating Solid Waste, Physical Chemical Methods, SW-846, Third Edition, Method 8270D, Rev. 4, February 2007.

PCB Aroclors: *Polychlorinated Biphenyls (PCBs) by Gas Chromatography* in EPA's Test Methods for Evaluating Solid Waste, Physical Chemical Methods, SW-846, Third Edition, Method 8082, Rev. 1, February 2007.

II. Data Validation Report Summary

This Data Validation Report represents a Tier I+ validation of VOCs and PCB Aroclors sample results and summary QC (method and matrix), which were used to evaluate accuracy, precision, and sensitivity compared to the Aerovox QAPP 2012 requirements, as applicable.

The following QC elements, as applicable to the analytical methods, were reviewed:

- Data package completeness and reporting protocols
- Sample receipt, holding times and preservation criteria
- Blank results including Method Blanks, Equipment Blanks, & Trip blanks
- Laboratory Control Sample (LCS) recoveries / LCS Duplicate Recoveries
- Surrogate Recoveries
- Matrix Spike (MS) / Matrix Spike Duplicate (MSD) Recoveries
- MS/MSD, LCS/LCSD, sample/Laboratory Duplicate (LD), or sample/Field Duplicate (FD) Relative Percent Differences (RPDs)
- Sample result reporting (including compound lists, reporting limits, and units)
- Calibration criteria* (including tune criteria, initial calibration and continuing calibration verification)
- Internal Standard (IS) Recoveries*
- Retention Time windows*
- Other method-specific QC if applicable and reported* (e.g., serial dilution results for metals)
- Deficiencies or protocol deviations as noted in the Laboratory Narrative

* This QC element is reviewed associated with the Tier II-type validation only. For Tier I+ validations this QC element is assumed to be acceptable unless otherwise noted in the laboratory narrative.

Based on this Tier I+ validation of VOCs, SVOCs, and PCB Aroclors, the data were considered usable based on a comparison to the Aerovox QAPP 2012 requirements, with the understanding of the potential uncertainty (bias) in the qualified results summarized in Table 2. NEH generated electronic validated results based on the project database file received from WHG for these data, by updating the following database fields for field samples and field QC only: VALID_QUAL, VALIDATION_LEVEL, VALIDATION, VALID_DATE, BIAS, and DV_COMMENT.

The Matrix Spike Analysis Batch Quality Control summary form reported the "MS Found" and/or "MSD Found" as "ND" if the value found for a compound was less than the sample-specific reporting limit. Consequently, the "MS %Recovery" or "MSD %Recovery" was reported as "0" for these results. However, an evaluation of the raw data indicated that recoveries were acceptable, except as indicated below in the accuracy section of this report. In addition, the "RPD" calculation for the MS and MSD in this summary form used the "MS Found" and "MSD Found" values rather than "MS %Recovery" and "MSD %Recovery," which lead to erroneous RPD values for low-level VOC analyses. The concentrations found for the MS and MSD are based on the actual weights of sample analyzed, which may be very different for the MS and MSD in the low-level VOC analysis. During this Tier 1+ validation, the RPDs were evaluated using %Recovery for the MS and MSD and all were considered acceptable unless noted below in the precision section of this report.

The remainder of this report documents "exceptions" to the Aerovox QAPP 2012 criteria, as applicable, or clarifications of data reported. QC elements not discussed below met all QAPP criteria. The full documentation of all QC elements reviewed during the Tier I+ validations are presented in the attached Data Validation Checklists.

Accuracy

MS/MSD analysis was performed on sample S-12LB011-8.5-9.0. Accuracy was acceptable for all VOCs, SVOCs, and PCB Aroclors except for the SVOC compound hexachlorocyclopentadiene, which recovered low compared to criteria in both the MS and MSD. The result for this one compound was estimated (UJ) in sample S-12LB011-8.5-9.0 as shown in Table 2.

LCS/LCSD recoveries demonstrated acceptable accuracy for all VOCs, SVOCs, and PCB Aroclors.

The method blanks were all non-detect for VOCs, SVOCs, and PCB Aroclors. There were no equipment blanks submitted to the laboratory with this SDG; however, equipment blanks reported in SDGs 1212707 and 1212822 associated with samples collected on July 17, 2012 were non-detect for all VOCs, SVOCs, and PCB Aroclors. One low-level trip blank reported detection of trichloroethene. A comparison of the level reported in the trip blank with the levels reported in the samples resulted in negation (U) of three results as shown in Table 2.

Precision

LCS/LCSD precision was acceptable for all VOCs, SVOCs, and PCB Aroclors.

MS/MSD precision was acceptable for all VOCs, SVOCs, and PCB Aroclors except for the SVOC compound 2,4-dinitrophenol. The result for 2,4-dinitrophenol was estimated (UJ) with indeterminate bias in sample S-12LB011-8.5-9.0, as shown in Table 2.

There were no field duplicates associated with the samples in this SDG; therefore, it was not possible to assess precision from field collection through analysis for these samples.

The project narrative indicated that the QAPP dual column GC precision criteria (given as %D $\leq \pm$ 40% in Worksheet #12 & #28 (*combined*)) was exceeded for Aroclor 1254 in sample S-12L-B011-18.5-19.0 and that the laboratory chose to report the higher of the two GC column values since interferences were not observed on the second column. The result for Aroclor 1254 was estimated (J) in this one sample with possible high bias, as shown in Table 2.

Sensitivity & Reporting

The laboratory reported results for all 53 project-specific target VOCs, 67 project-specific SVOCs, and 9 PCB Aroclors required in the Aerovox QAPP 2012. As there were no Project Action Limits (PALs) for the analytes reported, all data met sensitivity requirements. Sample-specific reporting limits (RLs) were reported for all samples.

Table 2. Summary of Data Validation Actions

Field Sample ID	Analyte	Qualifier	Bias	Validation Comments
S-12L-B011-13.5-14.0 S-12L-B011-3.5-4.0 S-12L-B011-8.5-9.0	Trichloroethene	U		Result negated due to Blank Action
S-12L-B011-18.5-19.0	Aroclor 1254	J	H	Dual Column imprecision
S-12L-B011-8.5-9.0	Hexachlorocyclopentadiene	UJ	L	Low MS/MSD recoveries
S-12L-B011-8.5-9.0	2,4-Dinitrophenol	UJ	I	MS/MSD imprecision

Qualifiers: U = Analyte is non-detect at or above the sample-specific reporting limit (RL); UJ = Non-detect is estimated at the RL; J = Result is estimated; EB = analyte detected in associated equipment blank; EMPC = estimated maximum possible concentration (PCB congeners only); R = Result is rejected and is unusable for project decisions; D = result reported from a dilution analysis (added by laboratory); C = Congener coelutes with another Congener(s) (added by laboratory).

Bias: L = Low; H = High; I = Indeterminate

Abbreviations used in Table 2:
MS = Matrix Spike
MSD = Matrix Spike Duplicate

environmental chemistry consultants

Data Validation Report
EPA Region I Tier I+
VOCs by 8260B, SVOCs by 8270D, & PCB Aroclors by 8082

Client/Company:	Woods Hole Group, Inc. (WHG)
Site/Project Name:	New Bedford Harbor Superfund Site – Aerovox Sampling
Laboratory:	Alpha Analytical – Westborough, MA
Lab Project Number(s):	L1212918
Date(s) of Collection:	July 14, 2012, July 18, 2012, and July 19, 2012
Number / Type Samples & Analyses for Validation:	16 sediment samples, 1 equipment blank (EB), and 3 trip blanks (TB) for 53 project-specific Volatile Organic Compounds (VOCs) 16 sediment samples and 1 EB for 67 project-specific Semivolatile Organic Compounds (SVOC) and for 9 project-specific Polychlorinated Biphenyl Aroclors (PCB Aroclors)
Senior Data Reviewers:	Nancy C. Rothman, PhD, New Environmental Horizons, Inc. Susan D. Chapnick, New Environmental Horizons, Inc.
Date Completed:	October 19, 2012

This EPA Region I Tier I+ validation for VOCs, SVOCs, and PCB Aroclors was performed with the following intentions: 1) to determine if the data were generated and reported in accordance with the *Quality Assurance Project Plan for Shoreline Drilling and Sampling at the Former Aerovox Property, New Bedford Harbor Superfund Site,* prepared by Woods Hole Group, Inc. and New Environmental Horizons, Inc., July 2012 (Aerovox QAPP 2012); and the Region I, *EPA-NE Data Validation Functional Guidelines for Evaluating Environmental Analyses,* December 1996, including *Part II – Volatile /Semivolatile Data Validation Functional Guidelines,* and *Part III – Pesticide/PCB Data Validation Functional Guidelines*; 2) to determine if the data met project data quality objectives for acceptable accuracy, precision, sensitivity; and technical usability; and 3) to generate an electronic deliverable of validated results with project-specific data validation qualifiers added.

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The Data Validation Report consists of three parts:

- This Data Validation Report letter summarizing the actions taken;
- The database file of validated sample results with validation qualifiers, bias, and comments added based on actions taken; and
- The Data Review Checklists completed during this validation to document the Tier I+ reviews. The Checklists are an integral part of the DV Report as they contain comprehensive details of all quality control (QC) reviewed, the acceptance criteria used, and the professional judgment and actions taken.

I. Sample Descriptions and Analytical Parameters

Table 1 lists the sample IDs, date of sampling, analytical parameters reviewed and the sample type (e.g., field sample, field duplicate (FD), field equipment blank (EB), trip blank (TB), as applicable).

Table 1. Sample Descriptions and Analytical Parameters Validated

Sample ID	Lab Sample ID	Collection Date	Matrix	Analytical Parameters	Sample Type
TB-071912-03	L1212918-01	7/19/2012	Water	Low-level VOCs, SVOCs, & PCB Aroclors	Trip Blank
S-12L-B007-0.5-1.0	L1212918-02	7/14/2012	Sediment	High-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B007-1.5-2.0	L1212918-03	7/14/2012	Sediment	High-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B007-2.5-3.0	L1212918-04	7/14/2012	Sediment	High-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B007-2.5-3.0REP	L1212918-05	7/14/2012	Sediment	High-level VOCs, SVOCs, & PCB Aroclors	FD of sample S-12L-B007-2.5-3.0
S-12L-B007-5.0-5.5	L1212918-06	7/14/2012	Sediment	Low-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B007-10.0-10.5	L1212918-07	7/14/2012	Sediment	Low-level VOCs, High-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B007-14.5-15.0	L1212918-08	7/14/2012	Sediment	Low-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B007-15.5-16.0	L1212918-09	7/14/2012	Sediment	Low-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B007-19.5-20.0	L1212918-10	7/14/2012	Sediment	Low-level VOCs, SVOCs, & PCB Aroclors	Field Sample

Table 1. Sample Descriptions and Analytical Parameters Validated - *continued*

Sample ID	Lab Sample ID	Collection Date	Matrix	Analytical Parameters	Sample Type
S-12L-B007-20.5-21.0	L1212918-11	7/14/2012	Sediment	Low-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B007-30.0-30.5	L1212918-12	7/14/2012	Sediment	Low-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B007-32.5-33.0	L1212918-13	7/14/2012	Sediment	Low-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B007-34.5-35.0	L1212918-14	7/14/2012	Sediment	Low-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B012-1.0-1.5	L1212918-15	7/18/2012	Sediment	High-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B012-1.0-1.5 REP	L1212918-16	7/18/2012	Sediment	High-level VOCs, SVOCs, & PCB Aroclors	FD of sample S-12L-B012-1.0-1.5
S-12L-B012-2.0-2.5	L1212918-17	7/18/2012	Sediment	High-level VOCs, SVOCs, & PCB Aroclors	Field Sample
EB-071912-01	L1212918-18	7/19/2012	Water	Low-level VOCs, SVOCs, & PCB Aroclors	Equipment Blank
TB-071912-05	L1212918-19	7/19/2012	Water	Low-level VOCs, SVOCs, & PCB Aroclors	Trip Blank
TB-071912-04	L1212918-20	7/19/2012	Methanol	High-level VOCs, SVOCs, & PCB Aroclors	Trip Blank

Note: TB and EB results were reviewed for potential blank actions; however, full data review of these field QC samples was not performed as these results are not directly used for project decisions.

Analytical method references:

VOCs: *Volatile Organic Compounds by Gas Chromatography / Mass Spectrometry (GC/MS)* in EPA's Test Methods for Evaluating Solid Waste, Physical Chemical Methods, SW-846, Third Edition, Method 8260B, Rev. 2, December 1996, using low-level aqueous preservation and high-level methanol preservation by SW-846 Method 5035A for field samples.

SVOCs: *Semivolatile Organic Compounds by Gas Chromatography / Mass Spectrometry (GC/MS)* in EPA's Test Methods for Evaluating Solid Waste, Physical Chemical Methods, SW-846, Third Edition, Method 8270D, Rev. 4, February 2007.

PCB Aroclors: *Polychlorinated Biphenyls (PCBs) by Gas Chromatography* in EPA's Test Methods for Evaluating Solid Waste, Physical Chemical Methods, SW-846, Third Edition, Method 8082, Rev. 1, February 2007.

II. Data Validation Report Summary

This Data Validation Report represents a Tier I+ validation of VOCs and PCB Aroclors sample results and summary QC (method and matrix), which were used to evaluate accuracy, precision, and sensitivity compared to the Aerovox QAPP 2012 requirements, as applicable.

The following QC elements, as applicable to the analytical methods, were reviewed:

- Data package completeness and reporting protocols
- Sample receipt, holding times and preservation criteria
- Blank results including Method Blanks, Equipment Blanks, & Trip blanks
- Laboratory Control Sample (LCS) recoveries / LCS Duplicate Recoveries
- Surrogate Recoveries
- Matrix Spike (MS) / Matrix Spike Duplicate (MSD) Recoveries
- MS/MSD, LCS/LCSD, sample/Laboratory Duplicate (LD), or sample/Field Duplicate (FD) Relative Percent Differences (RPDs)
- Sample result reporting (including compound lists, reporting limits, and units)
- Calibration criteria* (including tune criteria, initial calibration and continuing calibration verification)
- Internal Standard (IS) Recoveries*
- Retention Time windows*
- Other method-specific QC if applicable and reported* (e.g., serial dilution results for metals)
- Deficiencies or protocol deviations as noted in the Laboratory Narrative

* This QC element is reviewed associated with the Tier II-type validation only. For Tier I+ validations this QC element is assumed to be acceptable unless otherwise noted in the laboratory narrative.

Based on this Tier I+ validation of VOCs, SVOCs, and PCB Aroclors, the data were considered usable based on a comparison to the Aerovox QAPP 2012 requirements, with the understanding of the potential uncertainty (bias) in the qualified results summarized in Table 2. NEH generated electronic validated results based on the project database file received from WHG for these data, by updating the following database fields for field samples and field QC only: VALID_QUAL, VALIDATION_LEVEL, VALIDATION, VALID_DATE, BIAS, and DV_COMMENT.

The Matrix Spike Analysis Batch Quality Control summary form reported the "MS Found" and/or "MSD Found" as "ND" if the value found for a compound was less than the sample-specific reporting limit. Consequently, the "MS %Recovery" or "MSD %Recovery" was reported as "0" for these results. However, an evaluation of the raw data indicated that recoveries were acceptable, except as indicated below in the accuracy section of this report. In addition, the "RPD" calculation for the MS and MSD in this summary form used the "MS Found" and "MSD Found" values rather than "MS %Recovery" and "MSD %Recovery," which lead to erroneous RPD values for low-level VOC analyses. The concentrations found for the MS and MSD are based on the actual weights of sample analyzed, which may be very different for the MS and MSD in the low-level VOC analysis. During this Tier 1+ validation, the RPDs were evaluated using %Recovery for the MS and MSD and all were considered acceptable unless noted below in the precision section of this report.

The remainder of this report documents "exceptions" to the Aerovox QAPP 2012 criteria, as applicable, or clarifications of data reported. QC elements not discussed below met all QAPP criteria. The full documentation of all QC elements reviewed during the Tier I+ validations are presented in the attached Data Validation Checklists.

All cores from ABS-7 (B007) were collected and frozen immediately by WHG on July 14, 2012. On July 19, 2012, these cores were thawed and processed to produce samples for chemistry analysis. The samples from ABS-7 were received at Alpha on July 20, 2012 along with all other samples reported in this SDG. As a consequence of freezing, these samples were considered to have been extracted and analyzed within holding time.

Accuracy

MS/MSD analysis was not performed on samples reported in this SDG (batch QC were reported for samples from the Aerovox sampling from other SDGs). The Chain-of-Custody (COC) did not request MS/MSD analyses and additional aliquots of samples were not collected to provide for these QC samples.

Sample S-12L-B012-1.0-1.5 REP was initially analyzed for PCB Aroclors and one of the surrogates recovered below criteria (< 30% but > 10%). The sample was re-extracted 1-day outside of holding time with acceptable surrogate recoveries; however, different Aroclors were reported in the initial analysis compared to the re-extracted results. Based on a review of the two sets of data for this sample, professional judgment was used to accept the results from the initial analysis as estimated (J or UJ) due to low surrogate recovery except for Aroclor 1242, which was accepted from the re-extract analysis as an estimated (J) value because of holding time exceedance. The electronic database file was amended by changing the entry for "REPORT_YN" from "Y" to "N" for the results not accepted for reporting in this sample.

Sample S-12L-B007-0.5-1.0 was initially analyzed for PCB Aroclors and one of the surrogates recovered below criteria (< 30% but > 10%). The sample was re-extracted within holding time with acceptable surrogate recoveries and reporting the same Aroclors as in the initial analysis. Based on a review of the two sets of data for this sample, professional judgment was used to accept the re-extracted results for all PCB Aroclors. The electronic database file was amended by changing the entry for "REPORT_YN" from "Y" to "N" for the results not accepted for reporting in this sample.

LCS/LCSD recoveries demonstrated acceptable accuracy for VOCs, SVOCs, and PCB Aroclors except for high recoveries of the VOCs acetone and 2-butanone in one set of LCS/LCSDs. Detected results for these two compounds in two samples were estimated (J) with possible high bias, unless other issues affected the data, as shown in Table 2.

The method blanks, trip blanks, and equipment blanks were all non-detect for VOCs, SVOCs, and PCB Aroclors. Therefore, blank action was not required. It should be noted that the laboratory reported sample TB-071912-03 (L1212918-01) as both a high-level and low-level VOC sample while the COC is clear that this is only a low-level (water) preserved trip blank. It appears as though the laboratory may have reported a high-level aliquot of TB-071912-04 and mistakenly called this the high-level preserved aliquot of TB-071912-03. A high-level analysis of TB-071912-04 was also reported as laboratory ID L1212918-20. Therefore, it is suspected that the high-level analysis of TB-071912-03, which is presented in both the EDD and the laboratory data package, was reported in error.

Precision

LCS/LCSD precision was acceptable for all VOCs, SVOCs, and PCB Aroclors.

The field duplicate samples for this sediment set were: S-12L-B007-2.5-3.0 and S-12L-B007-2.5-3.0 REP and S-12L-B012-1.0-1.5 and S-12L-B012-1.0-1.5 REP. FD precision was acceptable for all VOCs, SVOCs, and PCB Aroclors in these two FD pairs except: cis-1,2-dichloroethene, anthracene, phenanthrene, Aroclor 1242 and Aroclor 1254 in samples S-12L-B012-1.0-1.5 and S-12L-B012-1.0-1.5 REP and Aroclor 1242 in samples S-12L-B007-2.5-3.0 and S-12L-B007-2.5-3.0 REP. The results for these compounds were estimated (UJ or J) with indeterminate bias based upon the observed imprecision. These results are an indication of variable representativeness and precision for the sediment samples to the site locations from sample collection through analysis for VOCs, SVOCs and PCB Aroclors.

The project narrative indicated that the QAPP dual column GC precision criteria (given as %D $\leq \pm$ 40% in Worksheet #12 & #28 (*combined*)) was exceeded for Aroclor 1242 in sample S-12L-B007-10.0-10.5 and that the laboratory chose to report the higher of the two GC column values since interferences were not observed on the second column. The result for Aroclor 1242 was estimated (J) in this one sample with possible high bias, as shown in Table 2.

Sensitivity & Reporting

The laboratory reported results for all 53 project-specific target VOCs, 67 project-specific SVOCs, and 9 PCB Aroclors required in the Aerovox QAPP 2012. As there were no Project Action Limits (PALs) for the analytes reported, all data met sensitivity requirements. Sample-specific reporting limits (RLs) were reported for all samples.

Samples S-12L-B007-1.5-2.0, S-12L-B007-2.5-3.0, and S-12L-B007-2.5-3.0REP reported low percent solids (12%, 12%, and 17%, respectively). EPA Region I DV criteria indicates that for samples containing greater than or equal to 10% solids but less than or equal to 30% solids, all detects should be qualified as estimated (J) and non-detects rejected (R) as unusable data. Since the objective for this sampling was to evaluate the vertical nature and extent of chemical contaminants in sediments, professional judgment was used to estimate (UJ) non-detect data rather than reject these data based on low % solids content. The user is cautioned that non-detects for samples with less than 30% solids may not be representative of the site location. All VOC, SVOC, and PCB Aroclor results for samples S-12L-B007-1.5-2.0, S-12L-B007-2.5-3.0, and S-12L-B007-2.5-3.0REP were estimated (J and UJ) with indeterminate bias due to low percent solids content of the sample as shown in Table 2.

Sample S-12L-B007-10.0-10.5, which was analyzed as a low-level VOC, was also analyzed as a high-level VOC since cis-1,2-dichloroethene was reported above the calibration range in the low-level analysis (laboratory qualified the result with an "E"). For this sample, all low-level VOC results were accepted for reporting except cis-1,2-dichloroethene, which was accepted from the high-level analysis. The electronic database file was amended by changing the entry for "REPORT_YN" from "Y" to "N" for the results not accepted for reporting in this sample.

The laboratory reported all results for samples analyzed with dilutions (i.e., DF > 1) with a "D" qualifier. At Battelle's request, these "D" qualifiers were maintained during the DV process.

Table 2. Summary of Data Validation Actions

Field Sample ID	Analyte	Qualifier	Bias	Validation Comments
S-12L-B012-1.0-1.5 S-12L-B012-1.0-1.5 REP	Cis-1,2-Dichloroethene	DJ	I	FD imprecision
S-12L-B007-1.5-2.0	Acetone 2-Butanone	J	I	High LCS recovery + Low % Solids
S-12L-B007-0.5-1.0	Acetone 2-Butanone	J	H	High LCS recovery
S-12L-B012-1.0-1.5 S-12L-B012-1.0-1.5 REP	Anthracene Phenanthrene	DJ	I	FD imprecision
S-12L-B007-10.0-10.5	Aroclor 1242	J	H	Dual Column imprecision
S-12L-B012-1.0-1.5	Aroclor 1242 Aroclor 1254	DJ	I	FD imprecision
S-12L-B012-1.0-1.5 REP	Aroclor 1254	DJ	I	Low Surrogate recovery + FD imprecision
S-12L-B012-1.0-1.5 REP	Aroclor 1242	DJ	I	Holding Time exceedance + FD imprecision
S-12L-B007-2.5-3.0	Aroclor 1242	UJ	I	FD imprecision + Low % Solids
S-12L-B007-2.5-3.0REP	Aroclor 1242	J	I	FD imprecision + Low % Solids
S-12L-B012-1.0-1.5 REP	All PCB Aroclors except: Aroclor 1242 Aroclor 1254	DUJ	L	Low Surrogate recovery
S-12L-B007-1.5-2.0	All VOCs, SVOCs, and PCB Aroclors except: Acetone 2-Butanone	J / UJ / DJ / DUJ	I	Low % Solids
S-12L-B007-2.5-3.0 S-12L-B007-2.5-3.0REP	All VOCs, SVOCs, and PCB Aroclors except: Aroclor 1242	J / UJ / DJ / DUJ	I	Low % Solids

Qualifiers: U = Analyte is non-detect at or above the sample-specific reporting limit (RL); UJ = Non-detect is estimated at the RL; J = Result is estimated; EB = analyte detected in associated equipment blank; EMPC = estimated maximum possible concentration (PCB congeners only); R = Result is rejected and is unusable for project decisions; D = result reported from a dilution analysis (added by laboratory); C = Congener coelutes with another Congener(s) (added by laboratory).

Bias: L = Low; H = High; I = Indeterminate

Abbreviations used in Table 2:
FD = Field Duplicate
LCS = Laboratory Control Sample

environmental chemistry consultants

Data Validation Report
EPA Region I Tier I+
VOCs by 8260B, SVOCs by 8270D, & PCB Aroclors by 8082

Client/Company:	Woods Hole Group, Inc. (WHG)
Site/Project Name:	New Bedford Harbor Superfund Site – Aerovox Sampling
Laboratory:	Alpha Analytical – Westborough, MA
Lab Project Number(s):	L1213000
Date(s) of Collection:	July 18, 2012
Number / Type Samples & Analyses for Validation:	10 sediment samples and 1 trip blank (TB) for 53 project-specific Volatile Organic Compounds (VOCs) 10 sediment samples for 67 project-specific Semivolatile Organic Compounds (SVOC) and for 9 project-specific Polychlorinated Biphenyl Aroclors (PCB Aroclors)
Senior Data Reviewers:	Nancy C. Rothman, PhD, New Environmental Horizons, Inc. Susan D. Chapnick, New Environmental Horizons, Inc.
Date Completed:	October 18, 2012

This EPA Region I Tier I+ validation for VOCs, SVOCs, and PCB Aroclors was performed with the following intentions: 1) to determine if the data were generated and reported in accordance with the *Quality Assurance Project Plan for Shoreline Drilling and Sampling at the Former Aerovox Property, New Bedford Harbor Superfund Site,* prepared by Woods Hole Group, Inc. and New Environmental Horizons, Inc., July 2012 (Aerovox QAPP 2012); and the Region I, *EPA-NE Data Validation Functional Guidelines for Evaluating Environmental Analyses,* December 1996, including *Part II – Volatile /Semivolatile Data Validation Functional Guidelines*, and *Part III – Pesticide/PCB Data Validation Functional Guidelines*; 2) to determine if the data met project data quality objectives for acceptable accuracy, precision, sensitivity; and technical usability; and 3) to generate an electronic deliverable of validated results with project-specific data validation qualifiers added.

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The Data Validation Report consists of three parts:

- This Data Validation Report letter summarizing the actions taken;
- The database file of validated sample results with validation qualifiers, bias, and comments added based on actions taken; and
- The Data Review Checklists completed during this validation to document the Tier I+ reviews. The Checklists are an integral part of the DV Report as they contain comprehensive details of all quality control (QC) reviewed, the acceptance criteria used, and the professional judgment and actions taken.

I. Sample Descriptions and Analytical Parameters

The sample IDs, date of sampling, identification analytical parameters reviewed and the sample type (e.g., field sample, field duplicate (FD), field equipment blank (EB), trip blank (TB), as applicable), are listed below in Table 1.

Table 1. Sample Descriptions and Analytical Parameters Validated

Sample ID	Lab Sample ID	Collection Date	Matrix	Analytical Parameters	Sample Type
TB-072012-01	L1213000-01	7/19/2012	Methanol	High-level VOCs	Trip Blank
S-12L-B012-2.5-3.0	L1213000-02	7/19/2012	Sediment	High-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B012-4.0-4.5	L1213000-03	7/19/2012	Sediment	High-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B012-6.0-6.5	L1213000-04	7/19/2012	Sediment	High-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B012-7.0-7.5	L1213000-05	7/19/2012	Sediment	High-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B012-10.5-11.0	L1213000-06	7/19/2012	Sediment	High-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B012-13.5-14.0	L1213000-07	7/19/2012	Sediment	High-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B012-17.0-17.5	L1213000-08	7/19/2012	Sediment	High-level VOCs, SVOCs, & PCB Aroclors	Field Sample
S-12L-B012-17.0-17.5 REP	L1213000-09	7/19/2012	Sediment	High-level VOCs, SVOCs, & PCB Aroclors	FD of sample S-12L-B012-17.0-17.5
S-12L-B012-18.5-19.0	L1213000-10	7/19/2012	Sediment	High-level VOCs, SVOCs, & PCB Aroclors	Field Sample

Table 1. Sample Descriptions and Analytical Parameters Validated - *continued*

Sample ID	Lab Sample ID	Collection Date	Matrix	Analytical Parameters	Sample Type
S-12L-B012-21.0-21.5	L1213000-11	7/19/2012	Sediment	High-level VOCs, SVOCs, & PCB Aroclors	Field Sample

Note: TB and EB results were reviewed for potential blank actions; however, full data review of these field QC samples was not performed as these results are not directly used for project decisions.

Analytical method references:

VOCs: *Volatile Organic Compounds by Gas Chromatography / Mass Spectrometry (GC/MS)* in EPA's Test Methods for Evaluating Solid Waste, Physical Chemical Methods, SW-846, Third Edition, Method 8260B, Rev. 2, December 1996, using high-level methanol preservation by SW-846 Method 5035A for field samples.

SVOCs: *Semivolatile Organic Compounds by Gas Chromatography / Mass Spectrometry (GC/MS)* in EPA's Test Methods for Evaluating Solid Waste, Physical Chemical Methods, SW-846, Third Edition, Method 8270D, Rev. 4, February 2007.

PCB Aroclors: *Polychlorinated Biphenyls (PCBs) by Gas Chromatography* in EPA's Test Methods for Evaluating Solid Waste, Physical Chemical Methods, SW-846, Third Edition, Method 8082, Rev. 1, February 2007.

II. Data Validation Report Summary

This Data Validation Report represents a Tier I+ validation of VOCs and PCB Aroclors sample results and summary QC (method and matrix), which were used to evaluate accuracy, precision, and sensitivity compared to the Aerovox QAPP 2012 requirements, as applicable.

The following QC elements, as applicable to the analytical methods, were reviewed:

- Data package completeness and reporting protocols
- Sample receipt, holding times and preservation criteria
- Blank results including Method Blanks, Equipment Blanks, & Trip blanks
- Laboratory Control Sample (LCS) recoveries / LCS Duplicate Recoveries
- Surrogate Recoveries
- Matrix Spike (MS) / Matrix Spike Duplicate (MSD) Recoveries
- MS/MSD, LCS/LCSD, sample/Laboratory Duplicate (LD), or sample/Field Duplicate (FD) Relative Percent Differences (RPDs)
- Sample result reporting (including compound lists, reporting limits, and units)
- Calibration criteria* (including tune criteria, initial calibration and continuing calibration verification)
- Internal Standard (IS) Recoveries*
- Retention Time windows*
- Other method-specific QC if applicable and reported* (e.g., serial dilution results for metals)
- Deficiencies or protocol deviations as noted in the Laboratory Narrative

* This QC element is reviewed associated with the Tier II-type validation only. For Tier I+ validations this QC element is assumed to be acceptable unless otherwise noted in the laboratory narrative.

Based on this Tier I+ validation of VOCs, SVOCs, and PCB Aroclors, the data were considered usable based on a comparison to the Aerovox QAPP 2012 requirements, with the understanding of the potential uncertainty (bias) in the qualified results summarized in Table 2. NEH generated electronic validated results based on the project database file received from WHG for these data, by updating the following database fields for field samples and field QC only: VALID_QUAL, VALIDATION_LEVEL, VALIDATION, VALID_DATE, BIAS, and DV_COMMENT.

The Matrix Spike Analysis Batch Quality Control summary form reported the "MS Found" and/or "MSD Found" as "ND" if the value found for a compound was less than the sample-specific reporting limit. Consequently, the "MS %Recovery" or "MSD %Recovery" was reported as "0" for these results. However, an evaluation of the raw data indicated that recoveries were acceptable, except as indicated below in the accuracy section of this report. In addition, the "RPD" calculation for the MS and MSD in this summary form used the "MS Found" and "MSD Found" values rather than "MS %Recovery" and "MSD %Recovery," which lead to erroneous RPD values for low-level VOC analyses. The concentrations found for the MS and MSD are based on the actual weights of sample analyzed, which may be very different for the MS and MSD in the low-level VOC analysis. During this Tier 1+ validation, the RPDs were evaluated using %Recovery for the MS and MSD and all were considered acceptable unless noted below in the precision section of this report.

The remainder of this report documents "exceptions" to the Aerovox QAPP 2012 criteria, as applicable, or clarifications of data reported. QC elements not discussed below met all QAPP criteria. The full documentation of all QC elements reviewed during the Tier I+ validations are presented in the attached Data Validation Checklists.

Accuracy

MS/MSD analysis was performed on sample S-12L-B012-13.5-14.0. Accuracy was acceptable for all VOCs, SVOCs, and PCB Aroclors except the VOC compounds bromomethane, chloroethane, dichlorodifluoromethane, and trichlorofluoromethane and the SVOC compound hexachlorocyclopentadiene, which recovered low compared to criteria in both the MS and MSD. The results for these five compounds were estimated (UJ) with possible low bias in the unspiked sample as shown in Table 2.

LCS/LCSD recoveries demonstrated acceptable accuracy for all VOCs, SVOCs, and PCB Aroclors.

There was no equipment blank submitted to the laboratory with this SDG. The method blanks were all non-detect for VOCs, SVOCs, and PCB Aroclors; therefore, blank actions were not required.

Precision

LCS/LCSD and MS/MSD precision were acceptable for all VOCs, SVOCs, and PCB Aroclors.

The field duplicate samples for this sediment set were: S-12L-B012-17.0-17.5 and S-12L-B012-17.0-17.5 REP. FD precision was acceptable for all VOCs, SVOCs, and PCB Aroclors in this FD pair.

These results are an indication of acceptable representativeness and precision for the sediment samples to the site locations from sample collection through analysis for VOCs, SVOCs, and PCB Aroclors.

Sensitivity & Reporting

The laboratory reported results for all 53 project-specific target VOCs, 67 project-specific SVOCs, and 9 PCB Aroclors required in the Aerovox QAPP 2012. As there were no Project Action Limits (PALs) for the analytes reported, all data met sensitivity requirements. Sample-specific reporting limits (RLs) were reported for all samples.

The laboratory reported all results for samples analyzed with dilutions (i.e., DF > 1) with a "D" qualifier. At Battelle's request, these "D" qualifiers were maintained during the DV process.

Table 2. Summary of Data Validation Actions

Field Sample ID	Analyte	Qualifier	Bias	Validation Comments
S-12L-B012-13.5-14.0	Bromomethane Chloroethane Dichlorodifluoromethane Trichlorofluoromethane	UJ	L	Low MS/MSD recoveries
S-12L-B012-13.5-14.0	Hexachlorocyclopentadiene	UJ	L	Low MS/MSD recoveries

Qualifiers: U = Analyte is non-detect at or above the sample-specific reporting limit (RL); UJ = Non-detect is estimated at the RL; J = Result is estimated; EB = analyte detected in associated equipment blank; EMPC = estimated maximum possible concentration (PCB congeners only); R = Result is rejected and is unusable for project decisions; D = result reported from a dilution analysis (added by laboratory); C = Congener coelutes with another Congener(s) (added by laboratory).

Bias: L = Low; H = High; I = Indeterminate

Abbreviations used in Table 2:
MS = Matrix Spike
MSD = Matrix Spike Duplicate

SDMS REPOSITORY TARGET SHEET

US EPA New England
Superfund Document Management System /
RCRA Document Management System
Native Files Target Sheet

SDMS Document ID #: 533436

Site Name: New Bedford

File Type(s) Attached (examples: Excel file or .jpg):

.xls .pdf

Document Type this Target Sheet Represents:

[ ] Map [ ] Photograph [ ] Graph/Chart

[ ] Video [ ] Compact Disc [X] Other (Specify below)

Description or Comments:
Appendix D and E Attachments

To view the attached files, open the "Attachment Panel"

by clicking the paper clip -  - in the left side panel of this window.

** Please note to view attachments the software corresponding with the specified file type is necessary. **

For any additional assistance please contact the EPA New England Office of Site Remediation and Restoration Records and Information Center-
Telephone (617) 918 1440