PORTLAND HARBOR RI/FS

PCB CONGENERS IN ARCHIVED ROUND 2A SURFACE SEDIMENT DATA REPORT

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Prepared for
The Lower Willamette Group

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LIST OF ACRONYMS

ACG	analytical concentration goal
DQOs	data quality objectives
EDD	electronic data deliverable
EPA	U.S. Environmental Protection Agency
EQuIS™	Environmental Quality Information System
FSP	field sampling plan
NOAA	National Oceanic & Atmospheric Administration
PARCC	precision, accuracy, representativeness, completeness, comparability
PCBs	polychlorinated biphenyls
QA	quality assurance
QC	quality control
QAPP	quality assurance project plan
RI/FS	remedial investigation and feasibility study
RM	river mile
SDG	sample delivery group
SOP	standard operating procedures

1.0 INTRODUCTION

The remedial investigation and feasibility study (RI/FS) of the Portland Harbor Superfund Site in Portland, Oregon, is being conducted in three major sequences of investigative field work. Round 2 sampling was performed during multiple field efforts in the fall/winter of 2004 and the spring/summer/fall of 2005. This sampling was intended to refine the understanding of the physical dynamics of the river system, to gather remaining data for the RI and risk assessments, and to initiate collection of data for the FS.

Surface and subsurface sediment samples were collected at numerous stations between river mile (RM) 2 and RM 11 (hereafter referred to as the Study Area), as well as at several upstream locations between RM 16 and RM 25. These samples were analyzed for a full suite of chemicals, including polychlorinated biphenyls (PCBs) as Aroclors. A portion of each of the sediment samples was archived for possible future analyses.

The U.S Environmental Protection Agency (EPA), in their comments on the Round 2 Field Sampling Plan (FSP) for Sediment Sampling and Benthic Toxicity Testing (Integral and Windward 2004a), requested that a subset of Round 2 archived surface sediment samples be analyzed for PCB congeners for comparison and correlation with PCB Aroclor totals, for human health and ecological risk assessment of coplanar PCB congeners, and for use in the food web model. The rationale and selection of archived surface sediment samples are documented in the *Portland Harbor RI/FS Round 2 Surface Sediment PCB Congeners Sample Selection Memo* (Kennedy/Jenks and Integral 2005). This PCB Congeners Data Report reviews the approach used to select archived surface sediment samples for PCB congener analysis, including the response to additional comments and requests from EPA (2005b, pers. comm.), and presents the results from the PCB congener analysis.

In addition to the PCB Congeners Sample Selection Memo (Kennedy/Jenks and Integral 2005), archived sample analyses for PCB congeners followed guidelines in the Round 2 Quality Assurance Project Plan (QAPP; Integral and Windward 2004b) as well as QAPP Addendum 2 (Integral 2004).

The remaining sections of this report describe the archived sample selection process (Section 2.0); sample analyses, data quality, and data management (Section 3.0); PCB congener results (Section 4.0); and references (Section 5.0).

Supporting information is provided in the following three appendices:

- **Appendix A**: Data Quality Summary
- **Appendix B**: SCRA (site characterization and risk assessment) Database, Excel Flat File Format (on CD)
- **Appendix C**: Data Validation Report (on CD only).

2.0 ARCHIVED SAMPLE SELECTION

This section describes the overall sampling objective and the sample selection approach that culminated in the selection of archived sediment samples for PCB congener analysis.

2.1 SAMPLE SELECTION OBJECTIVE

The objective of the archived sediment analysis is to compare results for total PCBs from congener data with total PCBs from Aroclor data. In addition, co-planer (dioxin-like) PCB congener data are needed to support the human health and ecological risk assessments for the Portland Harbor RI/FS, as described in the Portland Harbor Programmatic Work Plan (Integral et al. 2004). An assessment of PCB congener data can potentially also be helpful in determining the geographical extent of PCB transport in environmental media.

2.2 SAMPLE SELECTION APPROACH

Validated Round 2A surface sediment Aroclor data exist for 480 stations, including stations upstream and downstream of the Study Area. All Round 2A surface sediment Aroclor data were reviewed in selecting the samples for PCB congener analysis. Aroclor data for field duplicates and field splits were also reviewed during selection of samples.

Incorporating comments from EPA on the PCB Congeners Memo (EPA 2005b, pers. comm.), surface sediment samples for PCB congener analysis were selected to meet the following goals:

- To represent the range of total Aroclor concentrations detected in Round 2A surface sediment samples
- To provide sufficient spatial coverage of the Study Area
- To represent different potential sources
- To evaluate Round 1 tissue data
- To evaluate Aroclor patterns.

EPA, in their comments on the PCB Congeners Memo, added the last two bullets to assist in the determination of the sources of PCBs in tissue samples and to capture the range of Aroclor patterns present as well as Aroclor patterns that may differ from nearby samples.

2.3 SAMPLES SELECTED FOR PCB CONGENER ANALYSIS

The *Portland Harbor RI/FS Round 2 Surface Sediment PCB Congeners Sample Selection Memo* (Kennedy/Jenks and Integral 2005) identified a total of 105 samples for PCB congener analysis. This total included 12 samples in which total Aroclors were reported as not detected. Some of these samples had elevated detection limits, possibly due to interferences from other chemicals present in the sample, and were selected because the PCB congener analytical method is less subject to such interferences. The remaining samples were selected to provide spatial coverage of the Study Area and are distributed among the range of total Aroclor concentrations detected in the Round 2 surface sediment samples.

EPA, in their comments on the memo, requested that 17 samples be removed from and 20 samples added to the original list to support the evaluation of Round 1 tissue data as well as the evaluation of Aroclor patterns (EPA 2005b, pers. comm.). Therefore, a total of 108 samples were selected for analysis of PCB congeners. Table 2-1 lists the Round 2A surface sediment samples selected for PCB congener analysis.

3.0 LABORATORY ANALYSIS AND DATA MANAGEMENT

This section describes the analytical methods, laboratory reporting, data validation, and data management for the analysis of Round 2A surface sediment samples for PCB congeners.

3.1 CHEMICAL ANALYSES

Selected surface sediment samples were analyzed by Alta Analytical Laboratory for the full set of 209 PCB congeners using high-resolution gas chromatography with high-resolution mass spectrometry. Analyses were conducted as described in the QAPP Addendum 2, PCB Congener Analysis in Sediment Samples (Integral 2004).

3.2 DATA VALIDATION

The data validation subcontractor for the Round 2A archived surface sediment data was EcoChem, Inc., located in Seattle, WA. EcoChem performed the validation according to guidelines in *EPA Region 10 SOP for the Validation of Method 1668 Toxic, Dioxin-like PCB Data* and *Guidance on Environmental Data Verification and Validation* (EPA 1995, 2002). As required by the Round 2 QAPP Addendum 2 (Integral 2004), approximately 10 percent of the archived sediment data were fully validated, and the remaining data were subjected to Level 3 data validation, which included the evaluation and assessment of the sample results and applicable quality control results reported by the laboratory. The data validation report is provided in Appendix C.

3.3 DATA QUALITY AND USABILITY

Data generated at the laboratory were verified and validated according to the criteria and procedures described in the Round 2 QAPP (Integral and Windward 2004). Data quality and usability were evaluated based on the results of the data validation and the data quality objectives (DQOs) for the Round 2 data. The performance criteria in the QAPP included project analytical goals for precision, accuracy, representativeness, completeness, and comparibility (PARCC) of the Round 2 data.

The precision, accuracy, representativeness, and comparability of the data were assessed during data validation, as described in the Round 2 QAPP. Completeness is calculated by comparing the total number of acceptable data (nonrejected data) to the total number of data points generated. Completeness for the Round 2A archived surface sediment PCB congener data was 100%, which meets the QAPP completeness objective of 95%.

The EcoChem data validation report (Appendix C) provides detailed information on the data quality issues and data validation qualifiers for each laboratory data package. Final data with qualifiers are included in Table 3-1.

3.4 LABORATORY DEVIATIONS FROM QAPP ADDENDUM 2

Archived surface sediment samples were analyzed as described in the Round 2 QAPP Addendum 2 (Integral 2004) and EPA's approval letter for QAPP Addendum 2 (EPA 2005a, pers. comm.). Sample sizes were adjusted to accommodate the low analytical concentration goal (ACG) for PCB-126, as described in EPA (2005a, pers. comm.) To achieve a lower detection limit for PCB-169, some of the extracts were additionally re-analyzed after being concentrated further and taken through an additional cleanup procedure.

3.5 DATA MANAGEMENT

Once Alta completed their internal QA/QC checks, they exported the analytical data (sample, test, batch, and result information) into comma-delimited text files with data columns arranged in an order that was recognized by the project's Environmental Quality Information System (EQuIS™) database. These electronic data deliverables (EDDs) were e-mailed to Integral where they were checked for proper EQuIS™ structure and appended with specific information that was unknown by the lab, such as sampling location, composite information, and field replicate and split information. If any problems were found in the structure of the EDDs, then the laboratory was notified and asked to correct the problem and resubmit the EDD. Each emailed EDD transmission, with the original, unaltered EDD attachment, was stored to document and track the laboratory's delivery of electronic data to Integral.

When the EDD was corrected and completed, the EDD was checked electronically by loading it into the temporary section of Integral's LWG project database. In the process of loading, EQuIS™ checked the EDDs for correct lookup codes (such as for analytes, test methods, and sample matrices); proper relationships for results, tests, batches, and samples (to ensure all results matched with a test, tests with samples, and sample/test pairs with batches); and that all derived samples (such as replicates, splits, and matrix spikes) had corresponding parent samples.

In addition to these checks, EQuIS™ also checked "less important" characteristics, such as date and time formats and text field lengths, to ensure consistency throughout the database. All EDDs are prevented from loading until the error is corrected. If errors were found that were related to the way the laboratory reported the data or constructed the EDD, then the laboratory was notified and asked to correct the problem and resubmit the EDD. If errors were related to Excel automatically formatting date and time fields, for example, then the error was

corrected and steps were taken to avoid repeats of the problem (such as changing default settings in the software). Successfully loaded EDDs were saved to document and track the data that were loaded into Integral's LWG project database.

Each verified and accurate EDD was provided to the Round 2 data validation contractor (EcoChem, Seattle, WA) for data review and validation. These EDDs were also stored in a temporary section of the project database where they could be queried and examined, if desired, until validation was complete. As EcoChem completed validation of the data by sample delivery group (SDG) or small groups of SDGs, the validator qualifiers and reason codes were applied to the data in the temporary section of the database. The validated data were then merged into the permanent project database. During the merging process, all previously performed electronic checks were repeated to ensure nothing was incorrectly modified with the application of the validation results.

Several queries were set up in the permanent project database to translate the data structure to a form compatible with NOAA's Query Manager. The data translation included creating station and sample identifiers, converting the sample type code, and changing the date format. The translated data were imported into an Access file provided by NOAA that contained template tables for the Query Manager structure.

Integral's LWG project database contains all of the data reported by the analytical laboratories. This includes field and lab replicates, lab dilutions, results for the same analyte from multiple analytical methods (SW8270 and SW8270-SIM, for example), and laboratory QA samples such as matrix spikes, surrogates, and method blanks. The data handling rules described in *Guidelines for Data Averaging and Treatment of Non-detected Values for the Round 1 Database* (Kennedy Jenks et al. 2004) were used to create a data set for the SCRA data users that was simpler: the data set contained only one result per analyte per sample and excluded all of the laboratory QA results. This involved creating a SCRA database that excluded lab QA results, contained only the most appropriate dilution result and analytical method for each analyte, and contained the average of replicates. Excluding the lab QA results was a simple database querying step. Selection of the most appropriate dilution was either done by the reporting laboratory or by the data validator. Selection of the most appropriate analytical method was described in the guidelines document and was accomplished by flagging the appropriate method in the project database.

The guidelines document described the rules used for averaging data and carrying qualifiers. Because it was the most data-manipulation-intensive procedure, the data were divided into subgroups and approximately 40% of each subgroup was verified. If any problems were found with the averaging, then the 100% of the subgroup was verified and problems were corrected. The preliminary SCRA

database was compiled into a series of database-compatible Excel tables and distributed to the SCRA data users.

4.0 ROUND 2A PCB CONGENER RESULTS

Round 2A PCB congener chemistry results for the archived surface sediment samples are presented in Table 3-1 and mapped in Figure 2-1. Both Aroclors and PCB congeners are summed by adding individual detected concentrations of Aroclors and congeners, respectively. Where chemical analyses result in undetected values for each individual Aroclor or congener, then the single highest detection limit represents the sum of respective Aroclors or congeners. A "T" qualifier is added to all results in the SCRA database that are mathematically derived in a post-processing step (e.g., sums of Aroclors), and all results that are selected for reporting in preference to other available results (e.g., for parameters reported by multiple methods). If any of the individual values used in the sum are estimated ("J" qualified), then the total value is estimated ("J" qualified). It should be noted that PCB congener sums are provided by the analytical laboratory as part of the EDD, and "T" qualifiers were not added because no post-processing was necessary.

Comparison and correlation of the total PCBs from congener data with total PCBs from Aroclor data will be presented in the Round 2 Comprehensive Report.

5.0 REFERENCES

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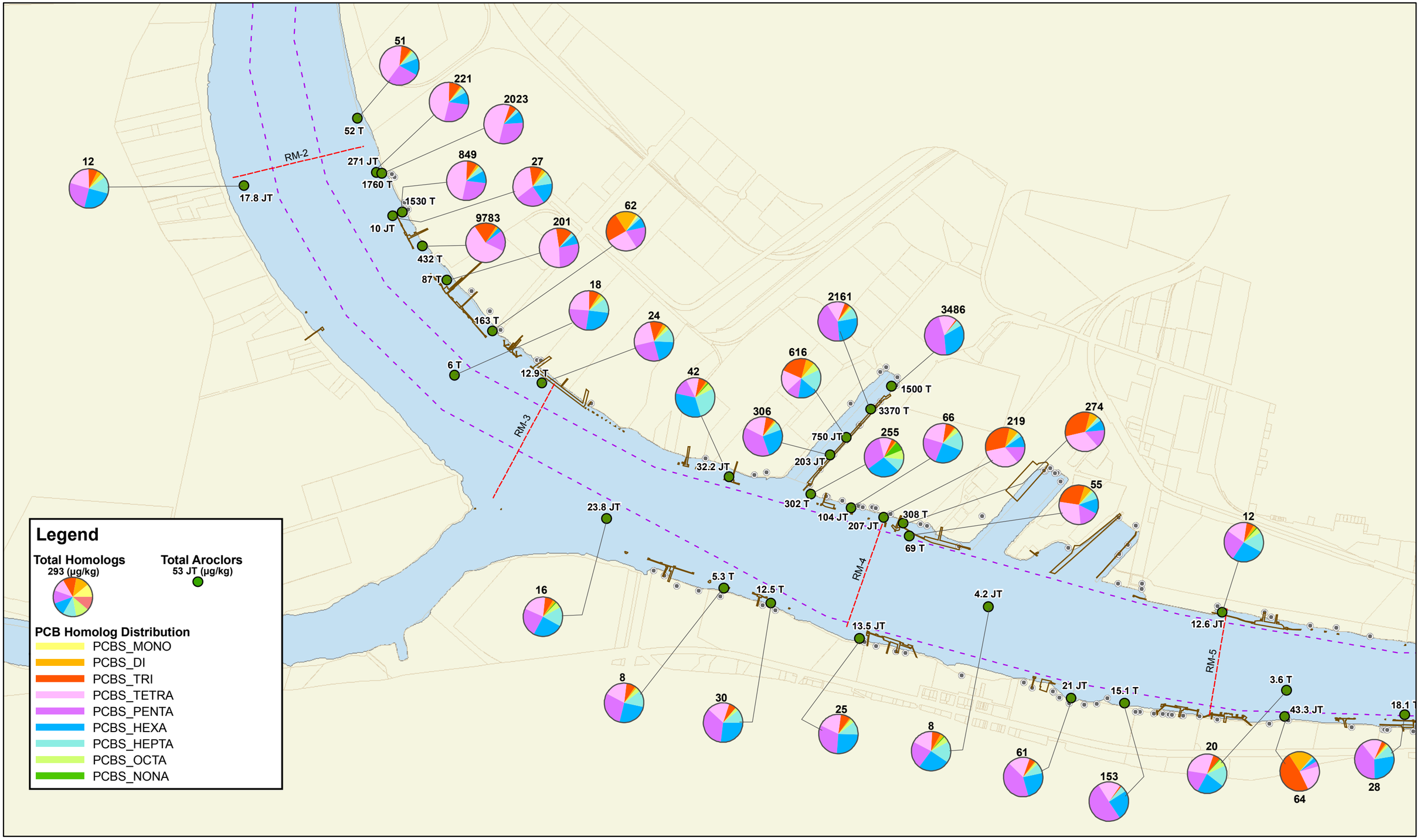
Kennedy/Jenks, Integral, and Windward. 2004. Portland Harbor RI/FS Technical Memorandum: Guidelines for Data Reporting, Data Averaging, and Treatment of Non-detected Values for Round 1 Database. *In:* Portland Harbor RI/FS Round 1 Site Characterization Data Report (Appendix A). Prepared for the Lower Willamette Group, Portland, OR. Kennedy/Jenks Consultants, Portland, OR.



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LWG Lower Willamette Group

Legend

Outfall Locations
Waterfront Taxlots
Rivermile
Docks and Structures
River

N

250 0 250 500 750 1,000 Feet

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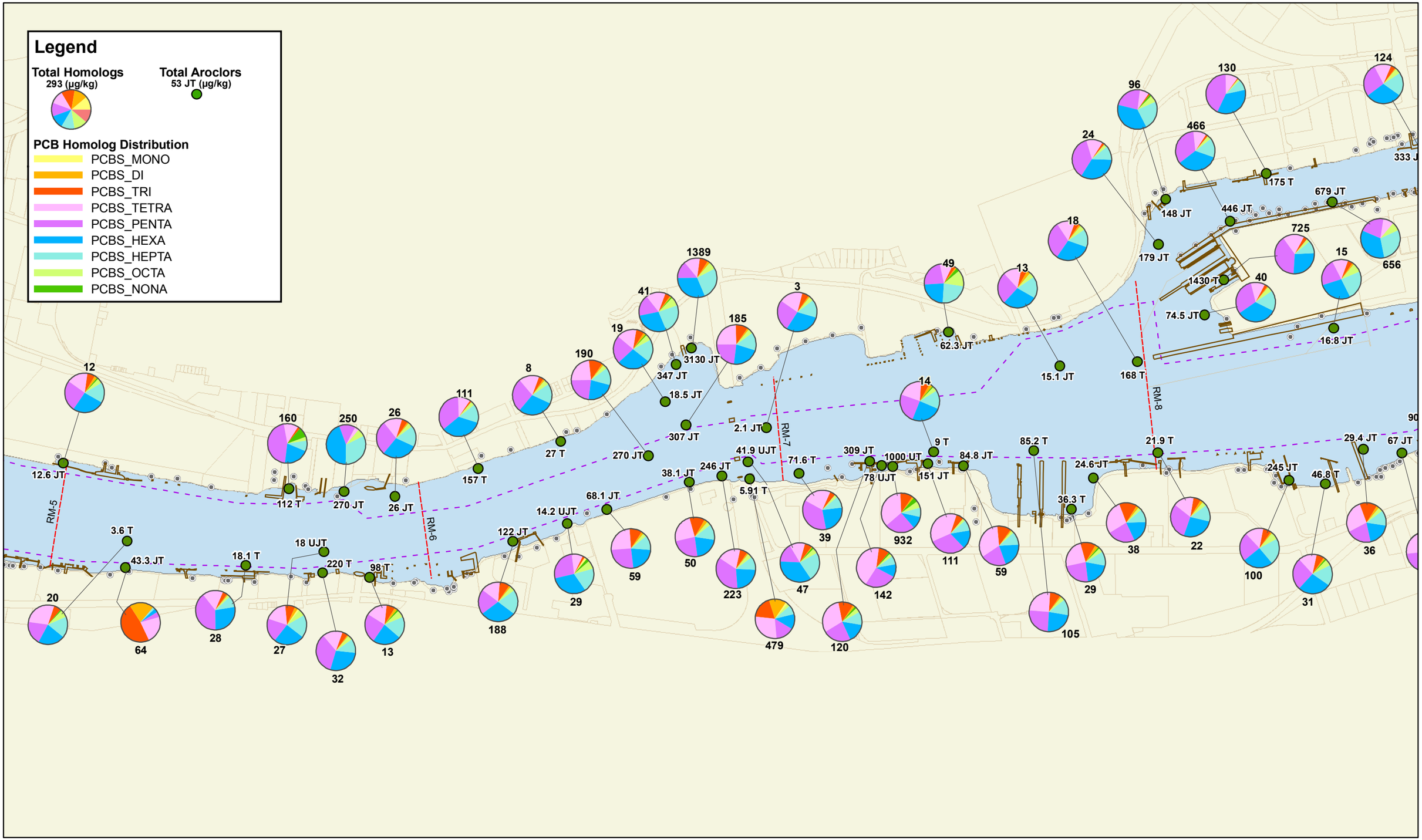
Figure 4-1a.
Round 2A Archived Surface Sediment PCB Congeners Homolog Distribution Compared to Total Aroclor Concentrations (µg/kg) (RM2-5)



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Legend

Outfall Locations
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250 0 250 500 750 1,000 Feet

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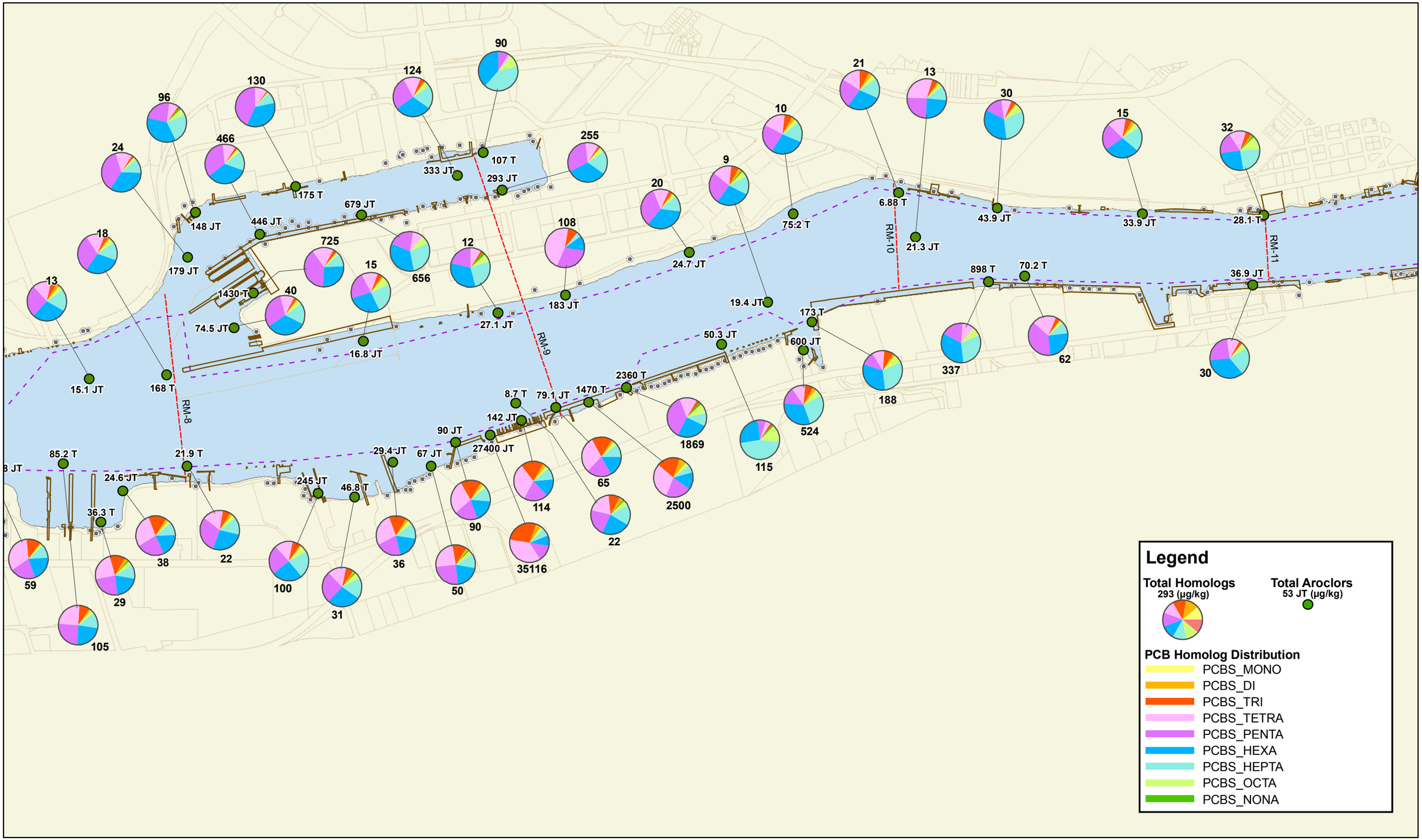
Figure 4-1b.
Round 2A Archived Surface Sediment PCB Congeners Homolog Distribution Compared to Total Aroclor Concentrations (µg/kg) (RM5-8)



Legend

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250 0 250 500 750 1,000 Feet

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Figure 4-1c.
Round 2A Archived Surface Sediment PCB Congeners Homolog Distribution Compared to Total Aroclor Concentrations (µg/kg) (RM8-11)

Map Document: (O:\Projects\Portland_Harbor\LWG-Map-Projects\Chemistry-6\PCBCongener_R2A\Rnd2A_SurfSed_PCB_Congners_20060306.mxd)
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Table 2-1. Samples Selected for Analysis of PCB Congeners.

Sample ID	Date of Collection	Total Aroclors (µg/kg)
LW2-D1-1	11/5/2004	20.9
LW2-G004	7/19/2004	52
LW2-G007-1	7/20/2004	293
LW2-G009	7/19/2004	1,760
LW2-G016	7/23/2004	10
LW2-G019	7/20/2004	1,530
LW2-G025	7/26/2004	432
LW2-G028	8/4/2004	87
LW2-G036	7/23/2004	6
LW2-G038	9/8/2004	163
LW2-G043	8/4/2004	12.9
LW2-G057	8/4/2004	23.8
LW2-G067	7/27/2004	32.2
LW2-G086	8/2/2004	203
LW2-G090	8/2/2004	750
LW2-G092	7/28/2004	1,500
LW2-G093	10/21/2004	3,365
LW2-G095	7/29/2004	5.3
LW2-G096	8/3/2004	302
LW2-G103	8/3/2004	104
LW2-G105	8/3/2004	12.5
LW2-G109	8/3/2004	207
LW2-G112	8/3/2004	308
LW2-G117	8/3/2004	13.5
LW2-G128	8/5/2004	4.2
LW2-G139	8/9/2004	21
LW2-G147	8/9/2004	15.1
LW2-G149	8/13/2004	12.6
LW2-G178	8/4/2004	3.6
LW2-G184	8/10/2004	43.3
LW2-G197-2	8/26/2004	60.23
LW2-G198	9/7/2004	112
LW2-G208	8/17/2004	18.1
LW2-G218	7/30/2004	270
LW2-G225	8/17/2004	<18
LW2-G230	8/10/2004	220
LW2-G233	9/10/2004	26.04
LW2-G241	8/18/2004	98
LW2-G247	9/8/2004	157
LW2-G257	8/23/2004	27
LW2-G273	10/7/2004	122
LW2-G280	10/11/2004	347
LW2-G282	10/22/2004	3,134
LW2-G293	8/20/2004	18.5
LW2-G298	9/13/2004	<14.2
LW2-G307	8/20/2004	270
LW2-G308	9/13/2004	68.1
LW2-G310	8/23/2004	307
LW2-G320	9/14/2004	38.1
LW2-G327	9/14/2004	246
LW2-G328	8/23/2004	2.1
LW2-G332	8/26/2004	<41.9
LW2-G335	9/14/2004	5.91
LW2-G339	9/1/2004	71.6

Sample ID	Date of Collection	Total Aroclors (µg/kg)
LW2-G347	10/11/2004	62.3
LW2-G351	10/22/2004	309
LW2-G353-1	8/23/2004	<78
LW2-G355	10/29/2004	<1000
LW2-G358	8/23/2004	9
LW2-G360	10/28/2004	151
LW2-G364	10/8/2004	148
LW2-G371	10/22/2004	85
LW2-G372-3*	8/24/2004	237
LW2-G373	8/23/2004	15.1
LW2-G380	10/22/2004	175
LW2-G381	8/26/2004	85.2
LW2-G382	10/8/2004	446
LW2-G386	9/1/2004	168
LW2-G390	8/23/2004	1,430
LW2-G392	10/8/2004	74.5
LW2-G399	8/27/2004	24.6
LW2-G401	10/22/2004	36.3
LW2-G402	9/9/2004	679
LW2-G410-1	9/9/2004	21.9
LW2-G416	10/29/2004	333
LW2-G417	10/22/2004	107
LW2-G424	10/8/2004	16.8
LW2-G426	10/11/2004	293
LW2-G434	8/27/2004	245
LW2-G438	8/27/2004	27.1
LW2-G439	9/9/2004	46.8
LW2-G440	8/31/2004	29.4
LW2-G446	9/1/2004	183
LW2-G447	8/31/2004	67
LW2-G448	8/31/2004	90
LW2-G452	8/24/2004	8.7
LW2-G453	8/31/2004	27,370
LW2-G457	8/31/2004	142
LW2-G461	8/31/2004	79.1
LW2-G463	9/1/2004	24.7
LW2-G473	9/1/2004	1471
LW2-G477	9/1/2004	2,363
LW2-G481	9/2/2004	75.2
LW2-G485	8/31/2004	50.3
LW2-G486	8/31/2004	19.4
LW2-G490	9/2/2004	6.9
LW2-G492-1	8/24/2004	163
LW2-G494	9/3/2004	600
LW2-G496	9/2/2004	21.29
LW2-G500	9/3/2004	43.91
LW2-G503	9/2/2004	898
LW2-G506	9/3/2004	70.2
LW2-G509	9/3/2004	33.9
LW2-G516	9/3/2004	28.1
LW2-G518	9/3/2004	36.9
LW2-G519-1	8/16/2004	69
LW2-U2C-2	11/5/2004	37
LW2-U4Q-1	11/4/2004	1.86

Notes:
< = Not detected at the concentration shown.
* G372-3 is a split sample. In the SCRA database, splits are averaged (if both halves are analyzed for the same analyte) or merged (if only one half is analyzed for something) under the initial (*-1) sample ID. The results for G372 are reported in Table 4-1 under the merged sample ID, G372-1, so that only one sample ID exists.

Table 3-1. Round 2A Archived Surface Sediment PCB Congener Results and Associated PCB Aroclor Results.

		Location Name	D1-1	G004	G007-1	G009	G016	G019	G025	G028	G036	G038	G043	G057	G067	G086	G090	G092
		X_Easting	7616177.17	7617930.23	7617516.91	7617553.02	7617193.71	7617322.28	7617135.48	7616991.82	7616036.9	7616855.22	7616742.82	7615866.15	7617423.51	7618574.27	7618909.59	7619869.42
		Y_Northing	725835.3462	725223.35	724528.61	724463.15	723959.61	723890.92	723364.26	722795.04	721852.43	721842.61	720841.48	718916.06	717970.97	717082.47	717065.71	717044.11
		Sample ID	LW2-D1-1	LW2-G004	LW2-G007-1	LW2-G009	LW2-G016	LW2-G019	LW2-G025	LW2-G028	LW2-G036	LW2-G038	LW2-G043	LW2-G057	LW2-G067	LW2-G086	LW2-G090	LW2-G092
		Sample Type Code	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		Parent Sample	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		Sample Date	11/05/2004	07/19/2004	07/20/2004	07/19/2004	07/23/2004	07/20/2004	07/26/2004	08/04/2004	07/23/2004	09/08/2004	08/04/2004	08/04/2004	07/27/2004	08/02/2004	08/02/2004	07/28/2004
		Depth Interval	0 - 28 cm	0 - 27 cm	0 - 27 cm	0 - 24 cm	0 - 29 cm	0 - 20 cm	0 - 19 cm	0 - 29 cm	0 - 27.5 cm	0 - 26 cm	0 - 24 cm	0 - 27 cm	0 - 23 cm	0 - 28 cm	0 - 29.5 cm	0 - 27 cm
CAS No	**Chemical Name**	**Unit**																
2051-60-7	PCB001	pg/g	6.41 T	10.2	58.7	52.1 J	15.4 J	446 J	4110 J	18.7 J	7.13 J	1050	11.5 J	7.46 J	16 J	108	2430	198
2051-61-8	PCB002	pg/g	27 T	15.6	36.4 J	18.6 J	24 J	37.6 J	1540 J	17.4	12.6 J	29.4	22	16.9	21.7	20.8	100	57.3
2051-62-9	PCB003	pg/g	8.9 T	18.6	58.2 J	56.7 J	16.1 J	225 J	3360 J	20 J	10.9 J	127	16.7 J	9.23 J	17.2	71.6	423	117
PCB004_010	PCB004 & 010	pg/g	30.2 T	62.2	241	423	101	7190	22500	124	37	3580	64.9	25.6	72.6	600	12300	800
PCB005_008	PCB005 & 008	pg/g	57 T	128	608	1230	173	3640	90000	487	81.4	3420	189	56.2	197	1620	18300	2160
25569-80-6	PCB006	pg/g	12.7 T	30.4	204	197	35.2	639	17400	97.4	18	1670	38.7	13.5	46.6	330	3150	475
PCB007_009	PCB007 & 009	pg/g	5.3 UT	9.97	48.3	65.6	14.6	220	9880	40.6	12.7 U	369	18.1	5.6	27.8	158	1740	225
2050-67-1	PCB011	pg/g	239 T	106	165	59.9	263	75.9	1560	146	211	67.4	252	173	92.1	113	161	366
PCB012_013	PCB012 & 013	pg/g	11.4 T	22.5	121	222	22.8	336	6970	48.9	12.7 U	239	25.3	9.26	29.6	143	827	242
34883-41-5	PCB014	pg/g	5 UT	5 U	5.04 U	8.62 U	12.4 U	9.82 U	49.3 U	25.1 U	12.7 U	4.91 U	3.35 U	4.95 U	3.39 U	5.08 U	4.39 U	47.9 U
2050-68-2	PCB015	pg/g	85.2 T	279	1270	3340	199	4380	32700	476	81.8	1910	215	86.4	177	1230	6050	1740
PCB016_032	PCB016 & 032	pg/g	63.1 T	302	1660	11600	235	7970	165000	2210	108	988	202	78.9	228	1910	13700	4000
37680-66-3	PCB017	pg/g	47.5 T	139	825	3770	144	4150	100000	1310	85.2	589	135	55.8	151	1280	10900	1970
37680-65-2	PCB018	pg/g	92.4 T	300	1530	6480	306	7180	378000	3640	154	1380	282	111	308	2810	19000	4760
38444-73-4	PCB019	pg/g	35.5 T	55.9	247	1770	65.6	2780	21500	205	109	318	49	26.4	53.4	387	3800	644
PCB020_021_033	PCB020 & 021 & 033	pg/g	85.7 T	212	1070	4560	229	3350	184000	2750	143	1530	296	112	338	2460	15700	3770
38444-85-8	PCB022	pg/g	60.7 T	304	1510	10300	197	5030	109000	1960	102	1160	197	70.5	208	1530	9020	2390
55720-44-0	PCB023	pg/g	2.5 UT	2.5 U	5.23	7.44	6.19 U	5.39	161	4.2 J	2.64 J	2.57	1.68 U	2.48 U	1.69 U	4.88	37	13.2 J
PCB024_027	PCB024 & 027	pg/g	12.2 T	40.6	203	1260	35.4	1280	12600	196	20.1	139	28.2	12.2	32.5	277	2150	476
55712-37-3	PCB025	pg/g	19.1 T	61.8	377	1010	52.2	779	13400	254	29.4	420	51.8	24.3	60.7	409	2500	1030
38444-81-4	PCB026	pg/g	28.5 T	123	680	2420	91.5	2010	38300	617	48.2	654	87	37	104	719	4100	1460
7012-37-5	PCB028	pg/g	220 T	1400	7100	42000	708	19400	326000	6330	308	3460	624	304	585	4270	27400	7090
15862-07-4	PCB029	pg/g	2.5 UT	2.5 U	6.08	24	2.99 J	26.3	1030	15.1	1.94 J	21	3.21	2.48 U	5.66	31.2	255	65.5
35693-92-6	PCB030	pg/g	2.5 UT	2.5 U	2.52 U	7.5	6.19 U	4.91 U	24.7 U	12.6 U	6.33 U	2.45 U	1.68 U	2.48 U	1.69 U	2.54 U	17.7	24 U
16606-02-3	PCB031	pg/g	155 T	720	3860	20300	475	14100	386000	5670	223	2710	502	178	532	4050	22600	6780
37680-68-5	PCB034	pg/g	2.5 UT	6.9	64.4	259	4.04 J	43.3	823	34.5	2.83 J	15.4	3.72	2.51	4.22	16	105	33.2
37680-69-6	PCB035	pg/g	5.33 T	13.6	54.2	293	11	177	2310	34	7.09	79	11.8	5.71	12.1	62.7	310	217
38444-87-0	PCB036	pg/g	2.5 UT	2.5 U	2.52 U	4.31 U	6.19 U	4.91 U	24.7 U	12.6 U	6.33 U	2.45 U	1.68 U	2.48 U	1.69 U	2.54 U	2.2 U	24 U
38444-90-5	PCB037	pg/g	83.5 T	497	2180	12500	240	6220	57700	1460	101	1370	229	93.2	179	1260	5750	2230
53555-66-1	PCB038	pg/g	2.61 T	13.7	44.4	355	7.54	162	3240	71	11	13.2	5.05	3.38	3.9	29.4	90.2	235
38444-88-1	PCB039	pg/g	2.5 UT	2.82	17.9	72.9	6.19 U	14.8	241	9.07 J	6.33 U	4.72	1.68 U	2.48 U	1.69 U	3.55	10.3	24 U
38444-93-8	PCB040	pg/g	44.3 T	396	1820	21900	175	8470	105000	1970	56.2	197	108	50.3	94	972	2980	5360
PCB041_064_071_	PCB041 & 064 &071 &072	pg/g	280 T	2420	11400	120000	997	47000	705000	11000	348	1530	630	283	477	5450	14600	27300
PCB042_059	PCB042 & 059	pg/g	90.3 T	791	4040	40900	343	15900	195000	3680	110	703	231	107	190	1650	5830	8640
PCB043_049	PCB043 & 049	pg/g	245 T	1880	10400	98100	849	38100	520000	9030	481	1660	609	354	486	5700	12900	48900
41464-39-5	PCB044	pg/g	273 T	2490	13000	130000	1040	52500	764000	11800	352	2000	702	313	588	9400	16700	74800
70362-45-7	PCB045	pg/g	30.7 T	308	1840	18100	143	8050	115000	1860	42	339	94.9	41.8	86.2	735	3460	3060
41464-47-5	PCB046	pg/g	14.5 T	123	776	7650	58.7	3080	45300	748	30	147	42	19.1	38.1	317	1450	1680
2437-79-8	PCB047	pg/g	130 T	721	4460	37400	363	15400	153000	3210	472	642	272	175	214	1570	5390	11500
PCB048_075	PCB048 & 075	pg/g	52.4 T	370	1560	21100	171	6930	157000	2700	70.3	376	133	57.9	112	1100	4280	2990
62796-65-0	PCB050	pg/g	2.5 UT	5 U	39.3	300	3.59 J	108	1830	31.5	9.88 J	6.94	3.26	2.48 U	3.39 U	15.4	83	53.3
68194-04-7	PCB051	pg/g	25.8 T	99.7	587	5840	57.1	2310	33400	588	240	115	44.7	34	42.9	288	1340	1330
PCB052_069	PCB052 & 069	pg/g	327 T	2390	12800	119000	1090	52700	793000	11700	567	2080	809	435	668	14900	17000	157000
41464-41-9	PCB053	pg/g	48.3 T	312	1850	18100	154	8380	113000	1790	240	336	111	70.3	97.8	889	3120	6200
15968-05-5	PCB054	pg/g	7.24 T	6.82	24.5	216	7.6 J	111	1520	26.3	70.7	5.74	6.74	4.64	6.31	23.3	99.2	56.7
74338-24-2	PCB055	pg/g	3.32 T	30.4	104	1360	13.5	450	6110	122	11.4 J	30.8	10	5.39	8.3	114	148	1200
PCB056_060	PCB056 & 060	pg/g	138 T	1850	7340	84500	661	29500	413000	7480	181	1140	399	176	239	2130	3050	11200
70424-67-8	PCB057	pg/g	2.5 UT	9	43.5	405	4.67 J	133	1790	41.1	2.95	13	3.76	2.48 U	3.39 U	21.9	85.5	115
41464-49-7	PCB058	pg/g	2.5 UT	6.38	37	226	2.53 J	75.3	556	22.1	4.11 J	5.09	2.44	3.12	3.39 U	11.7	18.5	136

Table 3-1. Round 2A Archived Surface Sediment PCB Congener Results and Associated PCB Aroclor Results.

		Location Name	D1-1	G004	G007-1	G009	G016	G019	G025	G028	G036	G038	G043	G057	G067	G086	G090	G092
		X_Easting	7616177.17	7617930.23	7617516.91	7617553.02	7617193.71	7617322.28	7617135.48	7616991.82	7616036.9	7616855.22	7616742.82	7615866.15	7617423.51	7618574.27	7618909.59	7619869.42
		Y_Northing	725835.3462	725223.35	724528.61	724463.15	723959.61	723890.92	723364.26	722795.04	721852.43	721842.61	720841.48	718916.06	717970.97	717082.47	717065.71	717044.11
		Sample ID	LW2-D1-1	LW2-G004	LW2-G007-1	LW2-G009	LW2-G016	LW2-G019	LW2-G025	LW2-G028	LW2-G036	LW2-G038	LW2-G043	LW2-G057	LW2-G067	LW2-G086	LW2-G090	LW2-G092
		Sample Type Code	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		Parent Sample	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		Sample Date	11/05/2004	07/19/2004	07/20/2004	07/19/2004	07/23/2004	07/20/2004	07/26/2004	08/04/2004	07/23/2004	09/08/2004	08/04/2004	08/04/2004	07/27/2004	08/02/2004	08/02/2004	07/28/2004
		Depth Interval	0 - 28 cm	0 - 27 cm	0 - 27 cm	0 - 24 cm	0 - 29 cm	0 - 20 cm	0 - 19 cm	0 - 29 cm	0 - 27.5 cm	0 - 26 cm	0 - 24 cm	0 - 27 cm	0 - 23 cm	0 - 28 cm	0 - 29.5 cm	0 - 27 cm
PCB061_070	PCB061 & 070	pg/g	247 T	2420	10800	106000	1010	40000	675000	11100	381	1710	751	405	500	9030	8980	92700
54230-22-7	PCB062	pg/g	2.5 UT	5 U	5.04 U	26.7	12.4 U	11.5	202	12.6 U	12.7 U	2.45 U	1.68 U	2.48 U	3.39 U	5.08 U	10.4	47.9 U
74472-34-7	PCB063	pg/g	7.8 T	87.3	421	4270	35.5	1250	18800	419	12.7	66.9	25.7	14.1	17.4	174	393	859
33284-54-7	PCB065	pg/g	2.5 UT	5 U	5.04 U	56.8	12.4 U	25.8	357	12.6 U	12.7 U	2.45 U	1.68 U	2.48 U	3.39 U	5.08 U	17.6	47.9 U
PCB066_076	PCB066 & 076	pg/g	218 T	2750	12100	118000	1020	42700	507000	9720	291	1650	695	365	406	3850	6290	32900
73575-53-8	PCB067	pg/g	6.76 T	53	236	2430	25.9	820	10900	253	9.65 J	65	20.7	9.69	16.7	108	467	577
73575-52-7	PCB068	pg/g	5.45 T	14.7	88.2	460	8.83 J	145	1250	45.1	7.13 J	8.04	7.42	8.07	6.2	45.4	53.1	381
74338-23-1	PCB073	pg/g	7.92 T	5 U	5.04 U	3360	12.4 U	9.82 U	49.3 U	12.6 U	9.63 J	51.4	1.68 U	2.48 U	3.39 U	5.08 U	4.39 U	47.9 U
32690-93-0	PCB074	pg/g	104 T	1280	5360	58000	477	19400	282000	5570	145	849	293	150	138	2490	3880	11000
32598-13-3	PCB077	pg/g	28.6 T	314	1260	10600	113	4250	33900	858	35.6	214	76.4	35.4	44.8	195	464	1530
70362-49-1	PCB078	pg/g	2.5 UT	5 U	23.3	252	12.4 U	99.8	49.3 U	12.6 U	12.7 U	2.45 U	1.68 U	2.48 U	3.39 U	5.08 U	24.9	47.9 U
41464-48-6	PCB079	pg/g	4.79 T	26.7	94.3	799	13.5	318	4080	85.2	8.36 J	17.5	10.6	9.73	9.42	196	104	2290
33284-52-5	PCB080	pg/g	2.5 UT	5 U	5.04 U	8.62 U	12.4 U	9.82 U	49.3 U	12.6 U	12.7 U	2.45 U	1.68 U	2.48 U	3.39 U	5.08 U	4.39 U	47.9 U
70362-50-4	PCB081	pg/g	0.932 JT	11	42.3	279	2.4 J	217	1040	14.9	0.789 J	11.4	1.41 J	0.591 J	1.14 J	80.6	12.7	344
52663-62-4	PCB082	pg/g	46.7 T	384	1710	18700	149	6940	55200	1640	61.6	261	129	59.6	89.6	2100	1230	32100
60145-20-2	PCB083	pg/g	2.5 UT	5 U	5.04 U	151	12.4 U	63.3	464	13.8	12.7 U	2.45 U	1.68 U	2.48 U	3.39 U	5.08 U	4.39 U	47.9 U
PCB084_092	PCB084 & 092	pg/g	184 T	848	4060	38900	384	14700	110000	3800	243	837	402	274	367	7890	4420	115000
PCB085_116	PCB085 & 116	pg/g	83 T	536	2160	23400	215	8880	62300	2060	89.6	373	174	82.4	125	2620	1370	35400
55312-69-1	PCB086	pg/g	2.6 T	33	110	1830	12.3 J	650	5720	162	2.74 J	17.4	4.54	2.48 U	3.82	59.1	53.7	47.9 U
PCB087_117_125	PCB087 & 117 & 125	pg/g	162 T	875	3470	38300	376	14900	111000	3540	210	730	359	162	304	7510	3820	107000
PCB088_091	PCB088 & 091	pg/g	80.6 T	391	1790	18600	174	6700	49000	1780	235	339	148	117	134	2550	1720	33200
73575-57-2	PCB089	pg/g	5.04 T	50.2	240	2770	18.6	1020	8370	279	6.06 J	38.5	13	5.32	8.48	161	107	1670
PCB090_101	PCB090 & 101	pg/g	478 T	1830	7840	75300	900	29300	213000	7010	621	1650	943	651	1090	18500	10700	263000
73575-56-1	PCB093	pg/g	2.5 UT	5 U	5.04 U	8.62 U	12.4 U	9.82 U	49.3 U	12.6 U	12.7 U	2.45 U	1.68 U	2.48 U	3.39 U	5.08 U	4.39 U	47.9 U
73575-55-0	PCB094	pg/g	5.13 T	19.1	79.4	893	8.99 J	322	2680	84.7	19.8	15	6.81	4.69	4.35	77.7	95.4	747
PCB095_098_102	PCB095 & 098 & 102	pg/g	348 T	1440	6410	64000	669	25100	192000	6330	503	1580	678	447	824	15400	9500	209000
73575-54-9	PCB096	pg/g	6.87 T	30.4	156	1680	14	604	6990	172	46.1	17.5	10.9	6.85	8.7	131	164	1420
41464-51-1	PCB097	pg/g	126 T	757	3350	33700	318	12500	92500	3040	159	593	284	143	232	5750	2970	81200
38380-01-7	PCB099	pg/g	213 T	1050	4680	45900	492	17000	126000	4070	282	797	465	351	399	7730	4220	104000
39485-83-1	PCB100	pg/g	12.3 T	12.5	52.7	411	11.8 J	137	1220	50.6	108	9.65	12.5	15.1	10.3	58.3	85.8	445
60145-21-3	PCB103	pg/g	10.8 T	18.5	92.3	677	13.2	236	2080	84.2	37.3	16.1	17.4	24.1	15.9	110	104	1290
56558-16-8	PCB104	pg/g	2.5 UT	5 U	5.04 U	15.4	12.4 U	9.82 U	53.2	12.6 U	10.4 J	2.45 U	1.68 U	2.48 U	3.39 U	5.08 U	6.85	47.9 U
32598-14-4	PCB105	pg/g	154 T	929	3590	40500	405	14500	108000	3320	186	580	350	149	264	5670	3240	71200
PCB106_118	PCB106 & 118	pg/g	416 T	1770	7100	70100	851	24700	186000	6310	469	1390	855	494	754	14800	8390	206000
PCB107_109	PCB107 & 109	pg/g	33.2 T	141	592	5750	68.2	2090	15800	539	42.8	105	73.8	49.5	55.7	1070	529	14000
PCB108_112	PCB108 & 112	pg/g	22.1 T	121	510	5450	50.3	2000	13900	478	26.2	105	46.1	24.8	35.3	790	390	11500
38380-03-9	PCB110	pg/g	547 T	2330	9740	93200	1110	36100	266000	8320	683	2150	1080	646	1120	21200	11100	303000
PCB111_115	PCB111 & 115	pg/g	7.66 T	59.4	211	3010	25.8	992	8800	271	11.8 J	41.9	18.3	6.56	12.1	308	202	4100
68194-10-5	PCB113	pg/g	2.74 T	5 U	5.04 U	8.62 U	12.4 U	9.82 U	49.3 U	16.5	12.7 U	6.75	1.68 U	3.71	3.39 U	5.08 U	4.39 U	47.9 U
74472-37-0	PCB114	pg/g	8.41 T	55.4	245	2900	22.8	909	9400	267	11.6 J	34.3	19.5	7.15	14.8	363	159	3350
56558-17-9	PCB119	pg/g	15.7 T	48.1	231	1900	25.3	691	4510	198	31.5	39.7	30	33.9	26	294	170	3530
68194-12-7	PCB120	pg/g	2.5 UT	5 U	5.04 U	59.9	12.4 U	35.7	156	13.9	12.7 U	2.45 U	1.98	5.05	6.15	34.3	31.4	301
56558-18-0	PCB121	pg/g	2.5 UT	5 U	5.04 U	8.62 U	12.4 U	9.82 U	49.3 U	12.6 U	3.76 J	2.45 U	1.68 U	2.48 U	3.39 U	5.08 U	4.39 U	47.9 U
76842-07-4	PCB122	pg/g	5.12 T	35.6	144	1780	16	629	4380	150	6.6 J	24.5	12.5	6.38	8.8	181	103	2660
65510-44-3	PCB123	pg/g	8.32 T	48.4	175	2100	19.4	778	5750	174	9.12 J	32.3	16.6	8.01	11.2	210	113	2890
70424-70-3	PCB124	pg/g	15.4 T	74.7	299	3180	34.3	1170	8380	253	21.6	57.1	38.3	19.6	42.8	677	397	11000
57465-28-8	PCB126	pg/g	3.18 T	12.2	41.3	419	6.73 J	158	1040	34.2	4.27 J	9.78	6.16	3.43	7.68	62.7	53.4	1110
39635-33-1	PCB127	pg/g	2.5 UT	5 U	5.04 U	8.62 U	12.4 U	9.82 U	49.3 U	12.6 U	12.7 U	2.45 U	1.68 U	2.48 U	3.39 U	5.08 U	4.39 U	47.9 U
PCB128_162	PCB128 & 162	pg/g	84.7 T	263	980	8190	157	3230	16700	596	121	217	159	97.7	292	3310	2480	57200
55215-18-4	PCB129	pg/g	22.1 T	79.5	305	2990	47.5	1120	7820	197	34.2	63.8	40.5	23.7	76.8	1060	713	18600

Table 3-1. Round 2A Archived Surface Sediment PCB Congener Results and Associated PCB Aroclor Results.

		Location Name	D1-1	G004	G007-1	G009	G016	G019	G025	G028	G036	G038	G043	G057	G067	G086	G090	G092
		X_Easting	7616177.17	7617930.23	7617516.91	7617553.02	7617193.71	7617322.28	7617135.48	7616991.82	7616036.9	7616855.22	7616742.82	7615866.15	7617423.51	7618574.27	7618909.59	7619869.42
		Y_Northing	725835.3462	725223.35	724528.61	724463.15	723959.61	723890.92	723364.26	722795.04	721852.43	721842.61	720841.48	718916.06	717970.97	717082.47	717065.71	717044.11
		Sample ID	LW2-D1-1	LW2-G004	LW2-G007-1	LW2-G009	LW2-G016	LW2-G019	LW2-G025	LW2-G028	LW2-G036	LW2-G038	LW2-G043	LW2-G057	LW2-G067	LW2-G086	LW2-G090	LW2-G092
		Sample Type Code	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		Parent Sample	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		Sample Date	11/05/2004	07/19/2004	07/20/2004	07/19/2004	07/23/2004	07/20/2004	07/26/2004	08/04/2004	07/23/2004	09/08/2004	08/04/2004	08/04/2004	07/27/2004	08/02/2004	08/02/2004	07/28/2004
		Depth Interval	0 - 28 cm	0 - 27 cm	0 - 27 cm	0 - 24 cm	0 - 29 cm	0 - 20 cm	0 - 19 cm	0 - 29 cm	0 - 27.5 cm	0 - 26 cm	0 - 24 cm	0 - 27 cm	0 - 23 cm	0 - 28 cm	0 - 29.5 cm	0 - 27 cm
52663-66-8	PCB130	pg/g	41.5 T	100	368	3460	71.3	1260	6780	263	53.1	79	56.3	46.7	134	1210	989	20300
61798-70-7	PCB131	pg/g	2.5 UT	5 U	5.04 U	34.1	12.4 U	11.5	87.9	12.6 U	12.7 U	2.45 U	1.68 U	2.48 U	3.39 U	5.08 U	4.39 U	51.9
PCB132_161	PCB132 & 161	pg/g	153 T	449	1710	13600	266	5890	27300	1050	221	369	290	217	787	5610	5270	87300
PCB133_142	PCB133 & 142	pg/g	18 T	46.5	175	1500	32.2	580	2920	130	34.4	36.8	36.6	29.7	66.8	569	469	8950
PCB134_143	PCB134 & 143	pg/g	28.2 T	84.7	331	2990	51.8	1120	5510	218	46.2	72.8	53.7	39.8	126	1080	964	17800
52744-13-5	PCB135	pg/g	91.3 T	198	650	5290	136	2210	9530	437	142	151	142	131	392	2150	2290	27900
38411-22-2	PCB136	pg/g	84.2 T	196	657	5510	131	2430	10500	448	181	149	137	114	428	2340	2350	29200
35694-06-5	PCB137	pg/g	23.7 T	86.4	332	3090	47	1190	6840	219	36.7	68.9	44	27.1	57.5	1100	693	19600
PCB138_163_164	PCB138 & 163 & 164	pg/g	615 T	1560	5410	44600	1060	19300	88200	3420	887	1150	1080	781	3110	17400	21500	273000
PCB139_149	PCB139 & 149	pg/g	568 T	1240	3590	29900	815	14000	57800	2430	801	910	793	670	2550	12500	14500	148000
59291-64-4	PCB140	pg/g	5.97 T	9.95	32.7	238	8.39 J	91.6	530	26.2	10.2 J	7.34	8.24	9.71	12.5	107	51.3	1120
52712-04-6	PCB141	pg/g	105 T	309	1030	8990	200	4200	14500	582	159	188	195	140	797	3060	5760	46800
68194-14-9	PCB144	pg/g	27.5 T	74.2	211	2030	45.7	957	3890	145	37.7	49.3	41.3	30.2	154	783	985	10000
74472-40-5	PCB145	pg/g	2.5 UT	5 U	3.22	32.2	12.4 U	10.8	92.8	2.89 J	12.7 U	2.45 U	1.68 U	2.48 U	3.39 U	8.03	4.39 U	114
PCB146_165	PCB146 & 165	pg/g	100 T	222	784	5410	165	2430	9450	511	162	148	201	188	463	2240	3000	30800
68194-13-8	PCB147	pg/g	22.5 T	39.2	119	1120	28.9	398	2610	103	104	34.2	26.3	24.8	37.4	483	249	6430
74472-41-6	PCB148	pg/g	3 T	5 U	7.23	29.6	3.37 J	8.07	75.1	9.91 J	7.75 J	2.45 U	5.04	5.32	4.05	17.8	11.9	134
68194-08-1	PCB150	pg/g	2.88 T	5 U	8.94	48.6	2.94 J	18.4	106	9.79 J	18.2	2.45 U	4.29	5.87	4.11	21.6	20.2	238
52663-63-5	PCB151	pg/g	161 T	330	472	7760	232	3860	11300	613	245	201	198	204	687	2890	5170	32500
68194-09-2	PCB152	pg/g	2.5 UT	5 U	7.43	70.1	12.4 U	23.7	197	6.63 J	7.47 J	2.45 U	1.68 U	2.48 U	3.39 U	21.8	16.5	289
35065-27-1	PCB153	pg/g	571 T	1350	4430	34400	947	16600	54400	2780 J	837	884	1060	872	3120	13700	24500	186000
60145-22-4	PCB154	pg/g	16.1 T	19.2	68.3	345	17.5	126	726	64.6	33.5	14.9	25.3	34.5	30.6	175	127	1850
33979-03-2	PCB155	pg/g	2.5 UT	5 U	5.04 U	8.62 U	12.4 U	9.82 U	49.3 U	12.6 U	12.7 U	2.45 U	1.68 U	2.48 U	3.39 U	5.08 U	4.39 U	47.9 U
38380-08-4	PCB156	pg/g	49.7 T	163	599	5290	100	2030	9980	363	75.5	110	97.4	58.6	203	2010	1760	30900
69782-90-7	PCB157	pg/g	11.3 T	36.9	135	1230	23.2	457	2500	81	15.4	29.5	21.5	12.1	29.5	441	300	7770
PCB158_160	PCB158 & 160	pg/g	59.9 T	173	594	5960	111	2410	11700	394	87.5	134	100	64.7	286	2130	2140	35200
39635-35-3	PCB159	pg/g	7.97 T	19.1	43.9	210	14.6	163	277	27.5	15	5.84	16.1	13.5	58.8	105	624	814
41411-63-6	PCB166	pg/g	2.5 UT	7.43	24	275	4.36 J	96.8	539	19.4	2.83 J	5.63	3.39	2.48 U	3.39 U	89.1	46.6	1450
52663-72-6	PCB167	pg/g	20.9 T	64.1	227	1960	39.3	771	3760	134	30.8	47.8	39.6	25.7	87.4	721	685	12600
59291-65-5	PCB168	pg/g	2.5 UT	5 U	7.76	65.7	2.77 J	29.1	126	5.59 J	3.47 J	2.45 U	1.7	2.48 U	5.01	25.8	22.2	288
32774-16-6	PCB169	pg/g	0.751 UT	0.764 U	1.13 J	0.0981 U	0.595 J	2.31 J	11.2 J	0.841 U	0.507	0.925 U	0.653 U	0.638 U	0.709 J	1.26 J	1.71 J	10.3 J
35065-30-6	PCB170	pg/g	165 T	355	1130	6960	247	3940	7340	606	212	158	309	265	1200	2580	11200	30500
52663-71-5	PCB171	pg/g	44.9 T	97.5	302	1830	68.5	1140	2010	178	56	44.4	87.5	75.2	371	717	2890	7870
52663-74-8	PCB172	pg/g	29 T	61.3	191	1030	45.4	612	1220	109	37.9	27.4	55.3	48.7	205	397	1950	4020
68194-16-1	PCB173	pg/g	4.14 T	9.87	29.6	169	6.18 J	109	272	18	5.26 J	4.82	7.5	6.58	31.9	75.8	217	972
38411-25-5	PCB174	pg/g	190 T	400	1170	7130	275	4810	5570	673	235	167	322	295	1430	2520	13600	20900
40186-70-7	PCB175	pg/g	8.91 T	16.4	57.7	384	13.3	225	396	30	10.1 J	7.14	11.1	12.2	68	112	798	1080
52663-65-7	PCB176	pg/g	25.7 T	45.7	138	1020	32.6	629	902	90.2	27.8	20.7	36.2	36.8	191	311	1470	2660
52663-70-4	PCB177	pg/g	114 T	237	694	3930	170	2650	3390	398	156	97.8	213	189	859	1510	7510	13400
52663-67-9	PCB178	pg/g	46.5 T	75	231	1430	61.3	907	1350	141	64.3	32.4	69.4	65.4	276	448	2500	3330
52663-64-6	PCB179	pg/g	95.7 T	174	523	3400	133	2210	2880	323	136	70.5	153	145	697	1050	5860	7770
35065-29-3	PCB180	pg/g	418 T	877	2660	15300	639	10100	14800	1410	551	342	753	664	3110	5580	34100	48000
74472-47-2	PCB181	pg/g	2.5 UT	5 U	5.04 U	79.6	12.4 U	9.82 U	124	6.02 J	12.7 U	2.45 U	1.68 U	2.48 U	3.39 U	31.1	4.39 U	602
PCB182_187	PCB182 & 187	pg/g	286 T	489	1440	8890	388	5810	10100	859	370	200	419	392	1780	2820	16700	20000
52663-69-1	PCB183	pg/g	116 T	212	662	4420	160	2750	4360	366	138	89.2	171	161	870	1410	7580	12500
74472-48-3	PCB184	pg/g	2.5 UT	5 U	5.04 U	8.97	12.4 U	9.82 U	49.3 U	12.6 U	12.7 U	2.45 U	1.68 U	2.48 U	3.39 U	5.08 U	4.39 U	34.5 J
52712-05-7	PCB185	pg/g	21.1 T	44.8	135	812	32.7	557	573	74.2	27	17.6	39	33.4	178	261	1770	1920
74472-49-4	PCB186	pg/g	2.5 UT	5 U	5.04 U	8.62 U	12.4 U	9.82 U	49.3 U	12.6 U	12.7 U	2.45 U	1.68 U	2.48 U	3.39 U	5.08 U	4.39 U	19.6 J
74487-85-7	PCB188	pg/g	2.5 UT	5 U	5.04 U	8.62 U	12.4 U	9.82 U	49.3 U	12.6 U	2.79 J	2.45 U	1.68 U	2.48 U	3.39 U	5.08 U	6.2	31.8 J
39635-31-9	PCB189	pg/g	6.16 T	13.8	45.4	281	10.4 J	143	395	27.3	8.2 J	6.96	11.6	11.1	35.8	100	338	1340

Table 3-1. Round 2A Archived Surface Sediment PCB Congener Results and Associated PCB Aroclor Results.

		Location Name	D1-1	G004	G007-1	G009	G016	G019	G025	G028	G036	G038	G043	G057	G067	G086	G090	G092
		X_Easting	7616177.17	7617930.23	7617516.91	7617553.02	7617193.71	7617322.28	7617135.48	7616991.82	7616036.9	7616855.22	7616742.82	7615866.15	7617423.51	7618574.27	7618909.59	7619869.42
		Y_Northing	725835.3462	725223.35	724528.61	724463.15	723959.61	723890.92	723364.26	722795.04	721852.43	721842.61	720841.48	718916.06	717970.97	717082.47	717065.71	717044.11
		Sample ID	LW2-D1-1	LW2-G004	LW2-G007-1	LW2-G009	LW2-G016	LW2-G019	LW2-G025	LW2-G028	LW2-G036	LW2-G038	LW2-G043	LW2-G057	LW2-G067	LW2-G086	LW2-G090	LW2-G092
		Sample Type Code	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		Parent Sample	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		Sample Date	11/05/2004	07/19/2004	07/20/2004	07/19/2004	07/23/2004	07/20/2004	07/26/2004	08/04/2004	07/23/2004	09/08/2004	08/04/2004	08/04/2004	07/27/2004	08/02/2004	08/02/2004	07/28/2004
		Depth Interval	0 - 28 cm	0 - 27 cm	0 - 27 cm	0 - 24 cm	0 - 29 cm	0 - 20 cm	0 - 19 cm	0 - 29 cm	0 - 27.5 cm	0 - 26 cm	0 - 24 cm	0 - 27 cm	0 - 23 cm	0 - 28 cm	0 - 29.5 cm	0 - 27 cm
41411-64-7	PCB190	pg/g	34.8 T	75.6	233	1540	57.4	816	1200	119	47.2	30.5	65.3	54.4	242	506	2440	4920
74472-50-7	PCB191	pg/g	6.46 T	11.7	41	266	9.04 J	158	271	25.1	8.08 J	6	9.64	10.5	43.7	93.2	405	1030
74472-51-8	PCB192	pg/g	2.5 UT	5 U	5.04 U	8.62 U	12.4 U	9.82 U	49.3 U	12.6 U	12.7 U	2.45 U	1.68 U	2.48 U	3.39 U	5.08 U	4.39 U	47.9 U
69782-91-8	PCB193	pg/g	21.2 T	41.2	114	656	32.7	452	560	68.4	30.2	15.6	35.6	33.4	136	243	1360	1830
35694-08-7	PCB194	pg/g	101 T	182	552	2810	147	1950	3640	344	139	65.3	182	190	483	1040	9580	4970
52663-78-2	PCB195	pg/g	41.3 T	78.1	250	1170	59.5	873	869	150	59.6	26.6	77	84	233	405	4220	2360
PCB196_203	PCB196 & 203	pg/g	133 T	227	661	3590	185	2570	7890	341	172	82.1	186	201	639	1220	11100	5210
33091-17-7	PCB197	pg/g	4.1 T	7.18	22.2	126	5.58 J	84.1	136	12.7	5.36 J	2.77	5.94	7.24	26.2	37.5	360	183
68194-17-2	PCB198	pg/g	5.82 T	10.7	78.7	169	8.77 J	135	236	16.3	8.33 J	4.16	13	10.5	43.2	66.4	1350	360
52663-75-9	PCB199	pg/g	126 T	210	545	3870	173	2340	8420	336	183	77.9	165	177	535	1130	9330	5130
52663-73-7	PCB200	pg/g	14.7 T	25.6	77	473	20.5	317	604	45.4	21.6	9.42	21.5	23.5	86.4	138	1290	662
40186-71-8	PCB201	pg/g	15.4 T	26.9	79.8	380	22	262	925	43.2	19.3	9.89	24.8	24.7	90.1	140	1300	642
2136-99-4	PCB202	pg/g	27.6 T	43.8	120	760	38.3	449	2950	72.1	37.4	18.2	43.5	40.6	128	213	1780	928
74472-52-9	PCB204	pg/g	2.5 UT	5 U	5.04 U	8.62 U	12.4 U	9.82 U	49.3 U	12.6 U	12.7 U	2.45 U	1.68 U	2.48 U	3.39 U	5.08 U	4.39 U	47.9 U
74472-53-0	PCB205	pg/g	4.65 T	8.55	22.5	129	7.15 J	90	95.8	16.1	5.55 J	2.76	6.72	7.92	20.3	46.2	387	220
40186-72-9	PCB206	pg/g	81.2 T	98.5	236	1590	94.2	691	9040	190	81.5	42.6	129	122	369	493	2900	1920
52663-79-3	PCB207	pg/g	8.8 T	9.65	25.5	196	10.1 J	93.1 J	937	19.8	8.58 J	5.57	12.5	11.9	29.1	54	339	195 J
52663-77-1	PCB208	pg/g	25.1 T	26.9	61.4	450	27.9	178 J	2920	52.1	25.3 J	12.7	37.6	34.1	117	123	533	472 J
2051-24-3	PCB209	pg/g	74.3 T	81.9	151	603	93.2	303	1800	164	78.2 J	32	120	111	447	237	615	442
27323-18-8	Monochlorobiphenyl	pg/g	42.3 T	44.4	153	127	55.5	708	9010	56.1	30.6	1200	50.3	33.6	54.9	201	2950	372
25512-42-9	Dichlorobiphenyl	pg/g	436 T	639	2660	5540	809	16500	181000	1420	429	11200	802	369	643	4190	42600	6000
25323-68-6	Trichlorobiphenyl	pg/g	912 T	4190	21400	119000	2800	74700	1800000	26800	1450	14900	2710	1120	2810	21500	137000	37200
26914-33-0	Tetrachlorobiphenyl	pg/g	2340 T	21200	102000	1030000	8850	398000	5660000	95800	4190	16000	6090	3130	4490	61400	113000	504000
25429-29-2	Pentachlorobiphenyl	pg/g	3000 T	13900	59100	596000	6390	224000	1670000	54500	4140	11800	6190	3800	5980	116000	65400	1620000
26601-64-9	Hexachlorobiphenyl	pg/g	2890 T	7130	23300	197000	4760	87100	367000	15300	4410	5120	4880	3870	14000	77300	97700	1110000
28655-71-2	Heptachlorobiphenyl	pg/g	1630 T	3240	9790	59500	2380	38000	57600	5520	2120	1340	2770	2500	11700	20800	113000	185000
55722-26-4	Octachlorobiphenyl	pg/g	473 T	820	2410	13500	666	9070	25800	1380	650	299	726	766	2280	4430	40700	20700
53742-07-7	Nonachlorobiphenyl	pg/g	115 T	135	323	2240	132	962	12900	262	115	60.9	179	168	515	670	3770	2590
1336-36-3	Polychlorinated biphenyls	pg/g	12000 T	51300	222000	2020000	26900	849000	9780000	201000	17600	62000	24500	15900	42900	307000	617000	3490000
12767-79-2	Total PCB Aroclors	ug/kg	17.8 JT	52 T	271 JT	1760 T	10 JT	1530 T	432 T	87 T	6 T	163 T	12.9 T	23.8 JT	32.2 JT	203 JT	750 JT	1500 T
12674-11-2	Aroclor 1016	ug/kg	2.11 UT	3.9 U	7.7 UT	71 U	4.9 UJ	36 U	25 U	5.7 U	2.4 U	1.49 U	2.3 U	1.7 U	1.7 U	5.2 U	19 U	29 U
11104-28-2	Aroclor 1221	ug/kg	3.91 UT	7.2 U	15 UT	130 U	4.9 UJ	67 U	47 U	11 U	4.5 U	2.76 U	4.3 U	3.1 U	3.1 U	9.6 U	34 U	54 U
11141-16-5	Aroclor 1232	ug/kg	3.53 UT	6.5 U	13 UT	120 U	4.9 UJ	61 U	42 U	9.6 U	4.1 U	2.49 U	3.9 U	2.8 U	2.8 U	8.7 U	31 U	49 U
53469-21-9	Aroclor 1242	ug/kg	2.14 UT	4 U	8 UT	73 U	4.9 UJ	37 U	26 U	5.8 U	2.5 U	120	2.4 U	1.7 U	1.7 U	5.3 U	290	30 U
12672-29-6	Aroclor 1248	ug/kg	4.17 JT	36	200 JT	1400	4.9 UJ	800	380	72	3.2 U	1.94 U	3.7	15 J	9.2 J	50	24 U	38 U
11097-69-1	Aroclor 1254	ug/kg	7.5 JT	2.4 U	5.1 UT	43 U	4.9 UJ	22 U	15 U	3.5 U	1.5 U	38.9	1.4 U	1 U	1 U	97 J	300 J	1500
11096-82-5	Aroclor 1260	ug/kg	6.1 JT	16	70.5 JT	360	10 J	730	52	15	6	3.83	9.2	8.8 J	23	56 J	160 J	23 U
37324-23-5	Aroclor 1262	ug/kg	1.97 UT	3.6 U	7.6 UT	67 U	4.9 UJ	73 UJ	23 U	5.3 U	2.3 U	1.39 U	2.2 U	1.6 U	1.6 U	4.8 U	17 U	27 U
11100-14-4	Aroclor 1268	ug/kg	1.69 UT	3.1 U	6.3 UT	57 U	4.9 UJ	73 UJ	20 U	4.6 U	2 U	1.19 U	1.9 U	1.3 U	1.4 U	4.1 U	15 U	23 U

Table 3-1. Round 2A Archived Surface Sediment PCB Congener Results and Associated PCB Aroclor Results.

		Location Name	G093	G095	G096	G103	G105	G109	G112	G117	G128	G139	G147	G149	G178	G184	G197-2	G198
		X_Easting	7619434.58	7616176.4	7617975.35	7618193.36	7616440.58	7618385.37	7618499.5	7616858.48	7618367	7618128.45	7618556.05	7620423.08	7620163.09	7619862.42	7621939.12	7622188.68
		Y_Northing	717056.98	717023.25	716935.85	716376.47	716378.04	715938.19	715673.56	715103.51	714003.65	712281.42	711660.8	711428.23	710030.62	709811.71	708891.89	708765.13
		Sample ID	LW2-G093	LW2-G095	LW2-G096	LW2-G103	LW2-G105	LW2-G109	LW2-G112	LW2-G117	LW2-G128	LW2-G139	LW2-G147	LW2-G149	LW2-G178	LW2-G184	LW2-G197-2	LW2-G198
		Sample Type Code	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FR	N
		Parent Sample	--	--	--	--	--	--	--	--	--	--	--	--	--	--	LW2-G197-1	--
		Sample Date	10/21/2004	07/29/2004	08/03/2004	08/03/2004	08/03/2004	08/03/2004	08/03/2004	08/03/2004	08/05/2004	08/09/2004	08/09/2004	08/13/2004	08/04/2004	08/10/2004	08/26/2004	09/07/2004
		Depth Interval	0 - 25 cm	0 - 27 cm	0 - 25 cm	0 - 27 cm	0 - 23 cm	0 - 28 cm	0 - 29 cm	0 - 28 cm	0 - 28 cm	0 - 26 cm	0 - 24 cm	0 - 30 cm	0 - 28 cm	0 - 21 cm	0 - 25 cm	0 - 29 cm
CAS No	**Chemical Name**	**Unit**																
2051-60-7	PCB001	pg/g	1860	4.73	718	19.4	22.7 T	355	304	14.7	3.87 J	11.8	13.9	7.44 J	5.26	71.1 J	18.3	64.8 JT
2051-61-8	PCB002	pg/g	83.8	7.67	13.1	14.5	21.1 T	77.9	77.1	20.7	9.03	16.9	2.35 U	11.9	11.5	31.3	24.7	56.4 JT
2051-62-9	PCB003	pg/g	439	4.55	40.9	17.7	21.2 T	302	355	16	4.92 J	14	2.35 U	7.34 J	7.39	122 J	21.2	57.1 JT
PCB004_010	PCB004 & 010	pg/g	7480	11.5	2150	74.4	31.7 T	2370	2080	39.8	17.7	76.7	39.1	23.9	18.9	1650	56.8	134 JT
PCB005_008	PCB005 & 008	pg/g	10800	31.2	391	242	90.2 T	7660	8700	86.9	37.8	170	109	53.9	27	5400	119	295 JT
25569-80-6	PCB006	pg/g	2010	7.05	126	51.2	21.1 T	1580	1710	18.4	8.02	39.7	20.1	13.1	12.3 U	3130	28	72.4 JT
PCB007_009	PCB007 & 009	pg/g	977	2.48 U	91.3	23.6	9.64 T	844	858	8.07	3.94 U	19.8	11	5.99	12.3 U	209	13.4	33.9 JT
2050-67-1	PCB011	pg/g	109	30.9	43.3	70.3	41.1 T	155	159	90.1	126	162	49.3	161	53.9	101	109	124 T
PCB012_013	PCB012 & 013	pg/g	674	3.95	44.9	25.7	14.3 T	449	578	11.5	6.13	27.9	10.9	7.54	12.3 U	869	23.1	36.4 JT
34883-41-5	PCB014	pg/g	25.9 U	2.48 U	5.12 U	3.04 U	5.2 UT	5 U	4.81 U	4.76 U	3.29 U	4.94 U	4.71 U	3.3 U	12.3 U	5.08 U	4.92 U	5.05 UT
2050-68-2	PCB015	pg/g	4530	31	407	227	73.8 JT	3540	4680	90.4	53.6	150	82.9	51.3	43	1540	164	211 JT
PCB016_032	PCB016 & 032	pg/g	8450	52.2	819	289	166 T	6960	8780	172	42.6	256	139	65.2	109	3270	238	2.53 UT
37680-66-3	PCB017	pg/g	6700	33.7	704	285	102 T	4590	5780	112	30.9	160	78.9	45.4	66.6	2690	141	2.53 UT
37680-65-2	PCB018	pg/g	12300	77.5	947	823	138 T	11700	14100	228	62.9	431	287	90.9	149	5850	361	367 JT
38444-73-4	PCB019	pg/g	2150	14.3	708	80.7	25.5 T	1140	1310	39.1	22.2	77.5	27.2	22.8	33.1	727	64.2	92.8 T
PCB020_021_033	PCB020 & 021 & 033	pg/g	9820	56.1	666	582	186 T	8370	11100	177	56.5	291	192	79.1	84.7	1170	224	359 JT
38444-85-8	PCB022	pg/g	5300	37.2	429	355	119 T	4850	6330	130	38.5	188	116	50	62.2	897	158	238 T
55720-44-0	PCB023	pg/g	19.4	1.24 U	2.56 U	1.52 U	2.6 UT	17.4	20.4	2.38 U	1.65 U	12.3 U	2.35 U	1.65 U	6.17 U	7.65	12.3 U	12.6 UT
PCB024_027	PCB024 & 027	pg/g	1380	7.35	285	53.9	20.6 T	869	1070	23.8	7.1	36.1	14.8	9.21	15.3	443	33.6	43.8 JT
55712-37-3	PCB025	pg/g	1950	11.3	216	88.1	38.7 T	1250	1600	42	12.5	55.2	24.6	18.7	18	1800	46.2	66.8 T
38444-81-4	PCB026	pg/g	2990	18.1	363	163	69.8 T	2160	2800	74.8	20.8	99.4	49.5	30.4	33	2160	71.9	108 T
7012-37-5	PCB028	pg/g	18200	133	1850	1010	425 T	12700	17300	409	142	554	343	174	280	5640	525	694 T
15862-07-4	PCB029	pg/g	108	1.24 U	7.75	5.54	2.22 JT	110	142	2.38 U	1.65 U	5.17 J	2.35 U	1.65 U	6.17 U	9.01	3.74 J	5.07 JT
35693-92-6	PCB030	pg/g	13 U	1.24 U	2.56 U	1.52 U	2.6 UT	2.5 U	2.4 U	2.38 U	1.65 U	12.3 U	2.35 U	1.65 U	6.17 U	2.54 U	12.3 U	12.6 UT
16606-02-3	PCB031	pg/g	13400	91.3	1030	1050	321 T	11000	14200	353	93.8	457	524	128	206	5190	359	562 T
37680-68-5	PCB034	pg/g	107	1.24 U	10.6	6.57	3.58 JT	49.2	63.5	3.77	1.65 U	12.3 U	2.35 U	1.88	6.17 U	49.5	12.3 U	4.47 JT
37680-69-6	PCB035	pg/g	228	2.86	20.6	17.4	8.95 T	170	239	7.61	3.77	21.5	4.49	3.93	6.17 U	70.5	12.3	15.7 T
38444-87-0	PCB036	pg/g	13 U	1.24 U	2.56 U	1.52 U	2.6 UT	2.5 U	2.4 U	2.38 U	1.65 U	12.3 U	2.35 U	1.65 U	6.17 U	2.54 U	12.3 U	12.6 UT
38444-90-5	PCB037	pg/g	4130	44.2	377	313	118 T	3300	4560	118	55.1	190	89.9	59.9	113	478	225	295 T
53555-66-1	PCB038	pg/g	164	3.97	31.3	9.06	4.39 JT	45.8	58.7	2.38 U	1.76	6.34 J	6.78	3.01	6.17 U	12.2	11.2 J	9.26 JT
38444-88-1	PCB039	pg/g	36	1.24 U	2.56 U	1.52 U	1.55 JT	5.99	7.99	2.38 U	1.65 U	3.51 J	2.35 U	1.65 U	6.17 U	2.54 U	3.19 U	4.16 JT
38444-93-8	PCB040	pg/g	3620	23.8	206	320	38.9 T	1720	2220	82.5	24.4	56.1	311	32.2	132	458	91.3	190 JT
PCB041_064_071_	PCB041 & 064 &071 &072	pg/g	23100	127	1730	1460	422 T	8580	10100	458	136	724	1930	191	618	1440	562	1040 JT
PCB042_059	PCB042 & 059	pg/g	6950	55.2	667	528	122 T	3480	4350	165	51.5	246	392	69.4	262	672	210	335 T
PCB043_049	PCB043 & 049	pg/g	33000	166	2800	1400	576 T	7340	9170	569	157	1000	2350	256	596	2000	723	1680 JT
41464-39-5	PCB044	pg/g	44300	185	3370	1990	689 T	9950	12600	633	157	1600	4690	215	731	2260	902	3180 JT
70362-45-7	PCB045	pg/g	2570	24.7	327	313	67.7 T	1960	2440	67.7	19.1	116	146	27.5	113	594	89.5	162 T
41464-47-5	PCB046	pg/g	1130	11.1	193	138	31.5 T	803	992	32	9.16	55.6	67.1	15.6	47.8	330	44	81.2 T
2437-79-8	PCB047	pg/g	8300	74.1	1810	509	205 T	2480	3180	223	82.7	339	398	154	273	684	302	435 T
PCB048_075	PCB048 & 075	pg/g	4590	28.5	330	342	66.7 T	2530	3200	78.3	31.2	95.1	252	41.9	128	226	113	143 JT
62796-65-0	PCB050	pg/g	69.3	2.48 U	17.6	6.41	1.46 T	35.2	44.8	4.76 U	1.65 U	4.14	2.35 U	1.67	3.18	13.8	3.91	4.51 T
68194-04-7	PCB051	pg/g	1000	13.4	460	119	24.7 T	582	700	35.9	18	54.4	42.6	44	51.1	209	63.8	81.2 T
PCB052_069	PCB052 & 069	pg/g	82100	248	6760	2260	1080 T	9310	12000	943	208	2740	8450	327	832	2320	1500	6370 JT
41464-41-9	PCB053	pg/g	3540	31.1	742	339	88.1 T	1620	2010	88.3	34.9	179	286	60.1	127	598	142	259 T
15968-05-5	PCB054	pg/g	73.5	2.48 U	63.7	10.8	1.87 T	35	39.8	4.76 U	4.32	9.99	2.82	6.28	6.15	13.7	9.19	11.9 T
74338-24-2	PCB055	pg/g	636	3.12	73.2	27.3	10.7 T	143	185	10.1	2.81	18.2	38.7	3.6	12.3 U	10.9	13.2	46.2 JT
PCB056_060	PCB056 & 060	pg/g	10900	99.3	797	877	300 T	3750	4750	226	85.2	477	1000	102	334	405	391	910 T
70424-67-8	PCB057	pg/g	144	2.48 U	18.9	7.71	3.83 T	49.6	65.8	4.76 U	1.65 U	3.95	3.42	1.83	12.3 U	17.8	4.06	6.11 T
41464-49-7	PCB058	pg/g	200	4.55	7.13	5.27	3.28 T	13.5	20.9	4.76 U	1.65 U	2.47 U	2.35 U	1.84	11.6	5.53	3.07	2.85 T

Table 3-1. Round 2A Archived Surface Sediment PCB Congener Results and Associated PCB Aroclor Results.

		Location Name	G093	G095	G096	G103	G105	G109	G112	G117	G128	G139	G147	G149	G178	G184	G197-2	G198
		X_Easting	7619434.58	7616176.4	7617975.35	7618193.36	7616440.58	7618385.37	7618499.5	7616858.48	7618367	7618128.45	7618556.05	7620423.08	7620163.09	7619862.42	7621939.12	7622188.68
		Y_Northing	717056.98	717023.25	716935.85	716376.47	716378.04	715938.19	715673.56	715103.51	714003.65	712281.42	711660.8	711428.23	710030.62	709811.71	708891.89	708765.13
		Sample ID	LW2-G093	LW2-G095	LW2-G096	LW2-G103	LW2-G105	LW2-G109	LW2-G112	LW2-G117	LW2-G128	LW2-G139	LW2-G147	LW2-G149	LW2-G178	LW2-G184	LW2-G197-2	LW2-G198
		Sample Type Code	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FR	N
		Parent Sample	--	--	--	--	--	--	--	--	--	--	--	--	--	--	LW2-G197-1	--
		Sample Date	10/21/2004	07/29/2004	08/03/2004	08/03/2004	08/03/2004	08/03/2004	08/03/2004	08/03/2004	08/05/2004	08/09/2004	08/09/2004	08/13/2004	08/04/2004	08/10/2004	08/26/2004	09/07/2004
		Depth Interval	0 - 25 cm	0 - 27 cm	0 - 25 cm	0 - 27 cm	0 - 23 cm	0 - 28 cm	0 - 29 cm	0 - 28 cm	0 - 28 cm	0 - 26 cm	0 - 24 cm	0 - 30 cm	0 - 28 cm	0 - 21 cm	0 - 25 cm	0 - 29 cm
PCB061_070	PCB061 & 070	pg/g	51000	108	3010	1880	754 T	6990	9180	633	183	1750	4920	253	324	806	1030	2250 JT
54230-22-7	PCB062	pg/g	13 U	2.48 U	5.12 U	3.04 U	1.25 UT	7.9	9.18	4.76 U	1.65 U	2.47 U	2.35 U	1.65 U	12.3 U	5.08 U	2.46 U	2.53 UT
74472-34-7	PCB063	pg/g	1100	6.36	67.5	57.6	22.4 T	263	348	18.5	6.21	31.4	63.5	8.99	16	62.1	27.1	54.1 T
33284-54-7	PCB065	pg/g	13 U	2.48 U	5.12 U	3.04 U	1.25 UT	9.94	12.9	4.76 U	1.65 U	2.47 U	2.35 U	1.65 U	12.3 U	5.08 U	2.46 U	2.53 UT
PCB066_076	PCB066 & 076	pg/g	24100	186	1690	1330	548 T	5400	6890	479	155	745	1610	215	635	623	720	1570 T
73575-53-8	PCB067	pg/g	942	2.48 U	48.3	39.4	19.4 JT	302	404	14.9	5.69	22.2	11.4	6.38	12.3 U	48.1	20.8	30.7 T
73575-52-7	PCB068	pg/g	458	2.48 U	28.3	13.2	8.14 T	31	35.8	11	2.85	3.44	4.67	6.06	3.44	14.9	8.18	6.65 T
74338-23-1	PCB073	pg/g	863	2.48 U	5.12 U	3.04 U	1.25 UT	5 U	4.81 U	4.76 U	1.65 U	2.47 U	119	1.65 U	12.3 U	5.08 U	2.46 U	2.53 UT
32690-93-0	PCB074	pg/g	13100	49.7	807	658	220 T	2970	3950	179	70.5	426	1180	82.3	147	344	281	788 JT
32598-13-3	PCB077	pg/g	1200	19.3	149	123	50.4 T	482	588	43.9	19.4	93.9	47.6	23.8	70.8	64.7	96.3	149 T
70362-49-1	PCB078	pg/g	13 U	2.48 U	5.12 U	7.39	1.25 UT	5 U	4.81 U	4.76 U	1.65 U	2.47 U	2.35 U	1.65 U	12.3 U	5.08 U	3.65	31 JT
41464-48-6	PCB079	pg/g	1130	4.5	117	29.6	17.7 T	56.9	70.6	18.1	3.52	24.1	74.7	6.23	6.97	6.12	14.4	71.5 JT
33284-52-5	PCB080	pg/g	13 U	2.48 U	5.12 U	3.04 U	1.25 UT	5 U	4.81 U	4.76 U	1.65 U	2.47 U	2.35 U	1.65 U	12.3 U	5.08 U	2.46 U	2.53 UJT
70362-50-4	PCB081	pg/g	131	1.25 J	14.7	4.43	1.88 JT	15.4	20.1	0.867 J	0.46 J	43.2	31.2	0.981 J	11.2 J	1.32 J	1.72 J	54.3 JT
52663-62-4	PCB082	pg/g	14200	40	1380	336	165 T	736	932	120	30.6	447	1400	45.6	86	54.8	286	1250 JT
60145-20-2	PCB083	pg/g	13 U	2.48 U	5.12 U	3.04 U	1.25 UT	5 U	4.81 U	4.76 U	1.65 U	2.47 U	2.35 U	1.65 U	12.3 U	5.08 U	2.46 U	2.53 UJT
PCB084_092	PCB084 & 092	pg/g	65200	153	5850	1090	710 T	2020	2620	578	123	1750	5230	219	252	255	1280	5150 JT
PCB085_116	PCB085 & 116	pg/g	20500	50.5	1750	377	233 T	828	1050	187	45.7	477	1830	72.5	107	63.9	346	1330 JT
55312-69-1	PCB086	pg/g	266	2.48 U	39.7	20.5	19.2 JT	40.8	50.1	4.76 U	1.65 U	2.47 U	48.3	2.31	7.72	5.08 U	49	74.9 JT
PCB087_117_125	PCB087 & 117 & 125	pg/g	58700	114	4740	882	565 T	1960	2530	430	98.2	1720	5330	154	209	136	1050	4850 JT
PCB088_091	PCB088 & 091	pg/g	19000	57.1	1970	415	222 T	821	1020	194	51.2	559	1570	90.9	101	93.1	400	1410 JT
73575-57-2	PCB089	pg/g	1020	3.93	94.5	39.2	13.4 T	85.5	102	11	3.09	26	101	4.78	13.1	9.5	20.4	83.2 JT
PCB090_101	PCB090 & 101	pg/g	151000	369	13000	2410	1680 T	4470	5830	1180	295	4040	12200	541	628	417	2980	11700 JT
73575-56-1	PCB093	pg/g	13 U	2.48 U	5.12 U	3.04 U	1.25 UT	5 U	4.81 U	4.76 U	1.65 U	2.47 U	2.35 U	1.65 U	12.3 U	5.08 U	2.46 U	2.53 UT
73575-55-0	PCB094	pg/g	524	2.48 U	63.3	17.5	5.77 T	39.2	48.6	5.78	3.07	15.2	40.6	5.69	3.87	5.92	14.4	35 JT
PCB095_098_102	PCB095 & 098 & 102	pg/g	121000	288	11900	2070	1300 T	3930	5040	990	227	3470	9760	380	524	463	2460	9850 JT
73575-54-9	PCB096	pg/g	807	2.48 U	41.9	3.04 U	8.62 T	82.7	98.3	8.8	3.95	19.1	2.35 U	7.15	9.17	10.8	17.1	23.6 JT
41464-51-1	PCB097	pg/g	45200	102	3820	729	460 T	1510	1950	368	78.4	1210	3760	132	178	127	798	3380 JT
38380-01-7	PCB099	pg/g	58000	168	5300	1090	756 T	2090	2720	647	134	1490	4630	265	271	194	1110	4030 JT
39485-83-1	PCB100	pg/g	381	2.94	69.8	20.3	10.3 T	26.2	26.7	10.9	7.37	14.5	23	13.6	7.12	5.08 U	25.9	32.7 T
60145-21-3	PCB103	pg/g	1090	6.31	95.5	32.8	27 T	44.5	47.7	21.2	8.73	26.1	56.9	17.5	9.89	10.7	43.6	60.2 T
56558-16-8	PCB104	pg/g	13 U	2.48 U	5.12 U	3.04 U	1.25 UT	5 U	4.81 U	4.76 U	1.65 U	2.47 U	2.35 U	1.65 U	12.3 U	5.08 U	2.5	2.53 UT
32598-14-4	PCB105	pg/g	37700	104	3100	824	432 T	1960	2460	297	90.2	1180	3860	122	187	112	739	3530 JT
PCB106_118	PCB106 & 118	pg/g	117000	287	8430	1900	1300 T	4140	5460	852	240	3200	10100	396	428	289	2110	9510 JT
PCB107_109	PCB107 & 109	pg/g	8690	24	574	153	113 T	296	384	71.2	21.4	206	658	39.9	31.2	28	150	582 JT
PCB108_112	PCB108 & 112	pg/g	6940	15.5	558	111	73.1 T	212	272	57.4	13.5	170	532	23.7	28.9	29	125	476 JT
38380-03-9	PCB110	pg/g	170000	415	15600	2660	1920 T	5220	6680	1590	324	4510	13600	563	635	499	3180	13100 JT
PCB111_115	PCB111 & 115	pg/g	2340	5.35	168	46.5	22.6 JT	109	144	15.8	4.52	135	259	5.9	13.4	6.51	62.1	255 JT
68194-10-5	PCB113	pg/g	203	2.48 U	5.12 U	3.04 U	16 JT	5 U	4.81 U	4.76 U	1.65 U	15.4	10.2	1.65 U	12.3 U	5.08 U	16.2	74.9 JT
74472-37-0	PCB114	pg/g	2230	6.01	141	49.5	21.1 T	116	152	13.9	5.41	71	241	5.7	11.8 J	7.09	42.2	204 JT
56558-17-9	PCB119	pg/g	2810	10.7	216	55.8	47.5 T	81.2	97	38.3	11.7	56.5	151	25.1	15	16	65.1	133 JT
68194-12-7	PCB120	pg/g	243	2.48 U	19	5.84	3.2 T	7.93	9.43	4.76 U	1.65 U	2.47 U	13.9	1.65 U	12.3 U	5.08 U	2.89	12.7 JT
56558-18-0	PCB121	pg/g	13 U	2.48 U	5.12 U	3.04 U	1.25 UT	5 U	4.81 U	4.76 U	1.65 U	2.47 U	2.35 U	1.65 U	12.3 U	5.08 U	2.46 U	2.53 UT
76842-07-4	PCB122	pg/g	1250	3.71	119	28.8	14.7 T	63.5	84.3	10.7	3.15	33	114	3.93	7.84	5.08 U	22.4	95 JT
65510-44-3	PCB123	pg/g	1570	4.14	138	34.6	18 T	78.1	99.9	14.6	4.46	52.6	162	6.44	9.52 J	5.42	28.3	158 JT
70424-70-3	PCB124	pg/g	4520	11.5	352	82.1	49.4 T	183	232	35.2	9.01	133	441	14.5	19.3	11.1	96.3	439 JT
57465-28-8	PCB126	pg/g	477	2.22 J	55.7	14.6	6.86 T	23.4	30	5.83	2	13.3	28	3.08	3.08 J	2.23 J	11.7	34.9 JT
39635-33-1	PCB127	pg/g	13 U	2.48 U	5.12 U	3.04 U	1.25 UT	5 U	4.81 U	4.76 U	1.65 U	2.47 U	2.35 U	1.65 U	12.3 U	5.08 U	2.46 U	2.53 UT
PCB128_162	PCB128 & 162	pg/g	22700	64.4	2990	525	271 T	890	1110	221	58.2	613	1710	86.2	85.8	58	473	2190 JT
55215-18-4	PCB129	pg/g	6930	16.2	919	151	66.6 T	269	337	57	13	179	566	19.6	12.3 U	16.7	138	633 JT

Table 3-1. Round 2A Archived Surface Sediment PCB Congener Results and Associated PCB Aroclor Results.

		Location Name	G093	G095	G096	G103	G105	G109	G112	G117	G128	G139	G147	G149	G178	G184	G197-2	G198
		X_Easting	7619434.58	7616176.4	7617975.35	7618193.36	7616440.58	7618385.37	7618499.5	7616858.48	7618367	7618128.45	7618556.05	7620423.08	7620163.09	7619862.42	7621939.12	7622188.68
		Y_Northing	717056.98	717023.25	716935.85	716376.47	716378.04	715938.19	715673.56	715103.51	714003.65	712281.42	711660.8	711428.23	710030.62	709811.71	708891.89	708765.13
		Sample ID	LW2-G093	LW2-G095	LW2-G096	LW2-G103	LW2-G105	LW2-G109	LW2-G112	LW2-G117	LW2-G128	LW2-G139	LW2-G147	LW2-G149	LW2-G178	LW2-G184	LW2-G197-2	LW2-G198
		Sample Type Code	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FR	N
		Parent Sample	--	--	--	--	--	--	--	--	--	--	--	--	--	--	LW2-G197-1	--
		Sample Date	10/21/2004	07/29/2004	08/03/2004	08/03/2004	08/03/2004	08/03/2004	08/03/2004	08/03/2004	08/05/2004	08/09/2004	08/09/2004	08/13/2004	08/04/2004	08/10/2004	08/26/2004	09/07/2004
		Depth Interval	0 - 25 cm	0 - 27 cm	0 - 25 cm	0 - 27 cm	0 - 23 cm	0 - 28 cm	0 - 29 cm	0 - 28 cm	0 - 28 cm	0 - 26 cm	0 - 24 cm	0 - 30 cm	0 - 28 cm	0 - 21 cm	0 - 25 cm	0 - 29 cm
52663-66-8	PCB130	pg/g	9030	28.5	1060	231	114 T	355	388	102	24.9	193	622	36.3	44.3	29.3	166	588 JT
61798-70-7	PCB131	pg/g	27.7	2.48 U	5.12 U	3.04 U	1.25 UT	5 U	4.81 U	4.76 U	1.65 U	2.47 U	3.26	1.65 U	12.3 U	5.08 U	2.46 U	2.53 UT
PCB132_161	PCB132 & 161	pg/g	41000	121	5220	1030	511 T	1430	1720	404	117	1160	2800	190	235	126	970	3630 JT
PCB133_142	PCB133 & 142	pg/g	3950	16	503	109	60.8 T	145	177	46.6	14	110	283	24.2	24.2	15.4	92.8	320 JT
PCB134_143	PCB134 & 143	pg/g	8100	23.9	1050	194	91.1 T	278	345	75.7	21.9	212	562	34	43.4	25	163	677 JT
52744-13-5	PCB135	pg/g	16500	55.9	1910	431	233 T	488	551	197	61.8	418	987	103	116	77.7	448	1250 JT
38411-22-2	PCB136	pg/g	16800	53.2	1850	422	228 T	523	579	184	60.4	454	1050	103	134	73	437	1320 JT
35694-06-5	PCB137	pg/g	7610	19.9	1100	147	79.1 T	275	383	62	13.9	202	576	22.4	19.9	16.3	133	739 JT
PCB138_163_164	PCB138 & 163 & 164	pg/g	124000	433	16500	3710	1740 T	4750	5860	1430	443	3360	8810	667	891	417	3020	11000 JT
PCB139_149	PCB139 & 149	pg/g	96200	299	10400	2540	1270 T	2920	3190	1120	359	2440	5730	595	796	425	2420	6760 JT
59291-64-4	PCB140	pg/g	697	3.55	74.6	20.9	12.1 T	25.6	25.2	11.5	3.68	2.47 U	46.3	6.68	4.43	5.08 U	16.9	22.2 JT
52712-04-6	PCB141	pg/g	23100	80.6	3080	782	313 T	840	1020	237	87.5	605	1440	125	231	77.9	569	1860 JT
68194-14-9	PCB144	pg/g	5590	16	653	154	69.5 T	181	189	60	18.6	138	354	28.6	54.4	21.5	127	367 JT
74472-40-5	PCB145	pg/g	58.1	2.48 U	5.93	3.04 U	1.25 UT	5 U	4.81 U	4.76 U	1.65 U	2.47 U	4.07	1.65 U	12.3 U	5.08 U	2.46 U	5.04 T
PCB146_165	PCB146 & 165	pg/g	17300	83	2140	599	331 T	618	712	260	86.8	437	1030	142	144	80.6	473	1340 JT
68194-13-8	PCB147	pg/g	3230	10.8	356	70.7	31.1 T	109	116	33.8	12.7	73.1	238	21.3	12.8	11.9	68	211 JT
74472-41-6	PCB148	pg/g	129	2.48 U	10.6	7.06	5.89 T	6.31	5.63	4.84	2.06	3.66	11.3	3.73	12.3 U	5.08 U	6.78	9.08 JT
68194-08-1	PCB150	pg/g	138	2.48 U	18	7.51	3.52 T	7.29	6.63	4.76 U	2.12	5.14	10.4	3.98	12.3 U	5.08 U	7.85	12.1 T
52663-63-5	PCB151	pg/g	23000	89	2660	745	235 T	722	761	288	112	327	1190	177	273	127	625	1550 JT
68194-09-2	PCB152	pg/g	136	2.48 U	16	3.36	1.33 T	5 U	5.77	4.76 U	1.65 U	4.15	9.97	1.65 U	12.3 U	5.08 U	3.87	10.1 JT
35065-27-1	PCB153	pg/g	105000	417	13100	3450	1690 T	3810	4560	1340	474	2650	6200	725	1060	402	2700	8390 JT
60145-22-4	PCB154	pg/g	1270	10.5	138	49.2	35.9 T	48.6	45.2	33	11.3	34.3	80.4	22.7	10.3	12.2	53.4	91.8 JT
33979-03-2	PCB155	pg/g	13 U	2.48 U	5.12 U	3.04 U	1.25 UT	5 U	4.81 U	4.76 U	1.65 U	2.47 U	2.35 U	1.65 U	12.3 U	5.08 U	2.46 U	2.53 UT
38380-08-4	PCB156	pg/g	12800	36.2	1370	347	160 T	555	687	110	34.4	334	1060	48.2	66.2	33.2	261	1170 JT
69782-90-7	PCB157	pg/g	2920	8.12	396	70.5	34.6 T	122	153	27.6	7.56	75.1	235	10.4	9.5 J	6.83	52.9	280 JT
PCB158_160	PCB158 & 160	pg/g	14400	41.5	1880	384	168 T	571	723	140	40.1	369	1120	56.5	86.3	42.7	330	1260 JT
39635-35-3	PCB159	pg/g	778	5.93	154	55.2	19.4 T	41.3	44.1	17.2	8.16	2.47 U	25.6	10	22.3	6.73	19.2	47.3 JT
41411-63-6	PCB166	pg/g	656	2.48 U	65.8	11.5	5.69 T	23.1	29.6	4.76 U	1.65 U	15.3	47.9	1.65 U	12.3 U	5.08 U	9.55	40.6 JT
52663-72-6	PCB167	pg/g	5140	15.5	651	139	68.2 T	203	252	52.7	15.9	130	379	21.8	25.9	13.7	97	457 JT
59291-65-5	PCB168	pg/g	143	2.48 U	17.3	6.53	1.8 T	7.17	9.27	4.76 U	1.65 U	3.18	9.61	1.65 U	12.3 U	5.08 U	7.91	6.83 T
32774-16-6	PCB169	pg/g	15.2	0.334 J	2.18 J	0.988 J	0.718 JT	0.888 J	0.856 J	0.712 J	0.484 U	0.826 U	0.594 U	0.517 U	0.447 J	0.516 U	1.11 U	1.14 UT
35065-30-6	PCB170	pg/g	23300	103	2790	1160	344 T	812	898	299	149	575	1030	212	317	106	717	1750 T
52663-71-5	PCB171	pg/g	6660	29	899	330	102 T	219	246	80.5	42.9	164	286	61.3	89.8	30.9	205	515 JT
52663-74-8	PCB172	pg/g	3960	19.9	509	204	56.4 T	116	136	48.5	27.5	97.2	154	40.3	57.7	19.4	116	278 T
68194-16-1	PCB173	pg/g	651	2.69	90	30.8	9.14 T	22.2	24.3	6.65	3.79	16.4	32.9	4.61	9	5.08 U	2.46 U	46.9 JT
38411-25-5	PCB174	pg/g	25200	107	3470	1410	391 T	852	911	320	176	606	878	247	352	138	726	1630 T
40186-70-7	PCB175	pg/g	1060	7.43	199	48.8	18.5 JT	33.7	38.2	13.6	6.82	2.47 U	41.5	9.1	16.5	5.91	51.9	117 T
52663-65-7	PCB176	pg/g	3070	15.6	336	130	49.1 T	93.1	92	37	20.5	78.1	116	28.8	52	17.3	89.7	197 T
52663-70-4	PCB177	pg/g	14200	78.5	1990	829	250 T	497	525	198	109	352	542	145	229	81.6	422	971 JT
52663-67-9	PCB178	pg/g	4340	28.9	519	229	84.7 T	154	156	71.3	37.7	127	154	54.8	83	29.7	143	287 T
52663-64-6	PCB179	pg/g	10000	64.8	1220	502	185 T	352	361	151	83	310	342	116	205	66.2	317	649 T
35065-29-3	PCB180	pg/g	51500	274	7000	2890	879 T	1940	2240	755	380	1320	1900	549	985	281	1670	3830 T
74472-47-2	PCB181	pg/g	318	2.48 U	5.12 U	3.04 U	1.25 UT	6.3	9.1	4.76 U	1.65 U	19.7	16.4	10.5	12.3 U	5.08 U	32.8	61.9 JT
PCB182_187	PCB182 & 187	pg/g	26200	179	4060	1450	527 T	1010	1090	456	225	844	898	331	585	176	898	1770 T
52663-69-1	PCB183	pg/g	12900	69.2	1620	635	218 T	451	488	190	90.3	358	498	131	243	71.6	427	921 T
74472-48-3	PCB184	pg/g	21.2	2.48 U	5.12 U	3.04 U	1.25 UT	5 U	4.81 U	4.76 U	1.65 U	2.47 U	2.35 U	1.65 U	12.3 U	5.08 U	2.46 U	2.53 UT
52712-05-7	PCB185	pg/g	2710	13.8	396	156	43.4 T	96	105	34.8	21.3	76.9	81.9	28.2	52.5	15.9	76.9	188 T
74472-49-4	PCB186	pg/g	13 U	2.48 U	5.12 U	3.04 U	1.25 UT	5 U	4.81 U	4.76 U	1.65 U	2.47 U	2.35 U	1.65 U	12.3 U	5.08 U	2.46 U	2.53 UT
74487-85-7	PCB188	pg/g	26	2.48 U	5.37	3.04 U	1.25 UT	5 U	4.81 U	4.76 U	1.65 U	2.47 U	2.35 U	1.65 U	12.3 U	5.08 U	2.46 U	3.27 T
39635-31-9	PCB189	pg/g	920	3.8	106	41.3	13.7 T	32.6	37.2	11.9	5.73	18.3	44.2	8.15	11 J	3.95 J	25.4	69.5 JT

Table 3-1. Round 2A Archived Surface Sediment PCB Congener Results and Associated PCB Aroclor Results.

		Location Name	G093	G095	G096	G103	G105	G109	G112	G117	G128	G139	G147	G149	G178	G184	G197-2	G198
		X_Easting	7619434.58	7616176.4	7617975.35	7618193.36	7616440.58	7618385.37	7618499.5	7616858.48	7618367	7618128.45	7618556.05	7620423.08	7620163.09	7619862.42	7621939.12	7622188.68
		Y_Northing	717056.98	717023.25	716935.85	716376.47	716378.04	715938.19	715673.56	715103.51	714003.65	712281.42	711660.8	711428.23	710030.62	709811.71	708891.89	708765.13
		Sample ID	LW2-G093	LW2-G095	LW2-G096	LW2-G103	LW2-G105	LW2-G109	LW2-G112	LW2-G117	LW2-G128	LW2-G139	LW2-G147	LW2-G149	LW2-G178	LW2-G184	LW2-G197-2	LW2-G198
		Sample Type Code	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FR	N
		Parent Sample	--	--	--	--	--	--	--	--	--	--	--	--	--	--	LW2-G197-1	--
		Sample Date	10/21/2004	07/29/2004	08/03/2004	08/03/2004	08/03/2004	08/03/2004	08/03/2004	08/03/2004	08/05/2004	08/09/2004	08/09/2004	08/13/2004	08/04/2004	08/10/2004	08/26/2004	09/07/2004
		Depth Interval	0 - 25 cm	0 - 27 cm	0 - 25 cm	0 - 27 cm	0 - 23 cm	0 - 28 cm	0 - 29 cm	0 - 28 cm	0 - 28 cm	0 - 26 cm	0 - 24 cm	0 - 30 cm	0 - 28 cm	0 - 21 cm	0 - 25 cm	0 - 29 cm
41411-64-7	PCB190	pg/g	4450	21.2	500	243	64.5 T	168	175	58.2	32.1	97.7	181	43.1	73.3	21.7	132	307 JT
74472-50-7	PCB191	pg/g	865	4.58	118	44.4	13.4 T	28.8	33.6	11.1	5.25	18.9	37	7.77	12.1	5.08 U	26.7	62.9 T
74472-51-8	PCB192	pg/g	13 U	2.48 U	5.12 U	3.04 U	1.25 UT	5 U	4.81 U	4.76 U	1.65 U	2.47 U	2.35 U	1.65 U	12.3 U	5.08 U	2.46 U	2.53 UT
69782-91-8	PCB193	pg/g	2310	13.3	280	135	41.3 T	83.6	94.1	35.3	19.1	54	79.3	26.6	41.7	14.1	70.6	151 T
35694-08-7	PCB194	pg/g	10900	57.1	2960	626	170 T	575	621	175	90.2	260	263	123	257	56.8	361	884 T
52663-78-2	PCB195	pg/g	4790	28.1	671	279	70.6 T	185	197	68.6	40	122	123	54.8	101	25.6	156	356 T
PCB196_203	PCB196 & 203	pg/g	10800	73.3	5660	683	213 T	711	812	227	100	293	284	144	344	72.6	477	1210 T
33091-17-7	PCB197	pg/g	388	2.48 U	55.2	21.2	7.62 T	18.3	20.2	6.75	3.46	11.7	9.75	5.06	10.5	5.08 U	13.1	33.2 T
68194-17-2	PCB198	pg/g	531	5.71	491	34.9	17.9 JT	29.9	32.3	10.6	4.71	45.3	14.8	12	15.3	5.08 U	75.5	219 T
52663-75-9	PCB199	pg/g	10600	72.3	7000	666	218 T	676	788	221	92.2	271	255	126	338	74.1	580	1550 T
52663-73-7	PCB200	pg/g	1460	9.29	419	81	26.1 T	72.8	81.7	24.7	11.5	41.4	33.5	16.2	43.9	9.33	44.2	107 T
40186-71-8	PCB201	pg/g	1460	8.87	536	82.3	27.8 T	71.7	81	25.4	12.8	46.6	32.7	19.6	40.5	9.29	54.1	157 T
2136-99-4	PCB202	pg/g	2110	17	1830	129	56.4 T	151	179	49.3	22.3	94.3	48.3	32.9	69	15.8	164	513 T
74472-52-9	PCB204	pg/g	13 U	2.48 U	5.12 U	3.04 U	1.25 UT	5 U	4.81 U	4.76 U	1.65 U	2.47 U	2.35 U	1.65 U	12.3 U	5.08 U	2.46 U	2.53 UT
74472-53-0	PCB205	pg/g	469	2.89	56.6	28	7.49 T	22.1	22.2	7.37	4.22	10	11.6	5.52	12.3 U	5.08 U	17.2	40.3 T
40186-72-9	PCB206	pg/g	4110	36.2	14900	249	187 T	563	682	151	64.2	366	155	90.7	145 J	32.3	2270	9270 T
52663-79-3	PCB207	pg/g	430	4.56	1050 J	26.8	17.2 T	53.3	64.6	20.5	6.77	25.3	13.2	8.62	17.9 J	5.08 U	109	414 T
52663-77-1	PCB208	pg/g	882	11	4110 J	57.2	62.2 T	128	168	60.2	19.4	110	44.6	30.1	34.7 J	9.4	897	3590 T
2051-24-3	PCB209	pg/g	1010	33.3	3820	110	205 T	169	201	773	61	423	120	104	79.1 J	26.4	2040	9460 T
27323-18-8	Monochlorobiphenyl	pg/g	2390	17	772	51.6	65 T	735	736	51.4	17.8	42.8	13.9	26.6	24.2	225	64.2	178 JT
25512-42-9	Dichlorobiphenyl	pg/g	26600	116	3250	715	281 T	16600	18800	345	249	646	322	316	143	12900	513	908 JT
25323-68-6	Trichlorobiphenyl	pg/g	87400	583	8460	5120	1750 T	69300	89400	1890	590	2830	1900	782	1170	30500	2480	3400 JT
26914-33-0	Tetrachlorobiphenyl	pg/g	320000	1470	26300	14800	5370 T	70900	89500	5010	1470	10900	28400	2150	5480	14200	7370	18800 JT
25429-29-2	Pentachlorobiphenyl	pg/g	912000	2240	79600	15500	10200 T	31200	40200	7760	1840	25000	76100	3160	3800	2850	17500	71900 JT
26601-64-9	Hexachlorobiphenyl	pg/g	569000	1950	70300	16400	7830 T	20200	24000	6510	2100	14500	37200	3280	4390	2120	13900	32900 JT
28655-71-2	Heptachlorobiphenyl	pg/g	195000	1040	26100	10500	3280 T	6970	7650	2780	1430	5130	7310	2060	3420	1080	6150	13800 T
55722-26-4	Octachlorobiphenyl	pg/g	43500	274	19700	2630	815 T	2510	2830	816	381	1200	1080	539	1220	264	1940	5070 T
53742-07-7	Nonachlorobiphenyl	pg/g	5420	51.8	20100	333	267 T	745	914	231	90.3	501	212	129	198	41.7	3280	13300 T
1336-36-3	Polychlorinated biphenyls	pg/g	2160000	7770	258000	66100	29000 T	219000	274000	26200	8230	61200	153000	12500	19900	64200	52800	180000 JT
12767-79-2	Total PCB Aroclors	ug/kg	3370 T	5.3 T	302 T	104 JT	12.5 T	207 JT	308 T	13.5 JT	4.2 JT	21 JT	15.1 T	12.6 JT	3.6 T	43.3 JT	60.2 JT	112 T
12674-11-2	Aroclor 1016	ug/kg	39.6 U	1.3 U	4.8 U	1.8 U	1.8 U	8.6 U	13 U	1.7 U	1.7 U	3.6 UJ	1.4 U	1.6 U	1.4 U	2.7 U	1.62 U	1.61 U
11104-28-2	Aroclor 1221	ug/kg	73.4 U	2.4 U	9 U	3.3 U	3.3 U	16 U	25 U	3.2 U	3.1 U	3.6 UJ	2.5 U	3 U	2.5 U	5.1 U	3 U	2.98 U
11141-16-5	Aroclor 1232	ug/kg	66.3 U	2.2 U	8.1 U	3 U	3 U	14 U	22 U	2.9 U	2.8 U	3.6 UJ	2.3 U	2.7 U	2.3 U	4.6 U	2.71 U	2.69 U
53469-21-9	Aroclor 1242	ug/kg	40.3 U	1.3 U	22	1.8 U	1.8 U	110	170	1.8 U	1.7 U	3.6 UJ	1.4 U	1.7 U	1.4 U	34	1.65 U	1.64 U
12672-29-6	Aroclor 1248	ug/kg	627	1.7 U	6.3 U	18 J	4.2	11 U	17 U	3.8 J	2.2 U	3.6 UJ	1.8 U	2.1 U	1.8 U	3.6 U	30.8 J	11.9
11097-69-1	Aroclor 1254	ug/kg	2100	0.8 U	240	52	1.1 U	76	83	1.1 U	1 U	21 J	10	8.5 J	0.84 U	9.3 J	0.984 U	52.3
11096-82-5	Aroclor 1260	ug/kg	638	5.3	3.8 U	34 J	8.3	21 J	10 U	9.7	4.2 J	3.6 UJ	5.1	4.1	3.6	2.1 U	23 J	30.2
37324-23-5	Aroclor 1262	ug/kg	37 U	1.2 U	4.5 U	1.7 U	1.7 U	8 U	12 U	1.6 U	1.6 U	3.6 UJ	1.3 U	1.5 U	1.3 U	2.6 U	1.51 U	1.5 U
11100-14-4	Aroclor 1268	ug/kg	31.8 U	1.1 U	40	1.4 U	1.4 U	6.9 U	55	1.4 U	1.3 U	3.6 UJ	1.1 U	1.3 U	1.1 U	2.2 U	6.43 J	17.6

Table 3-1. Round 2A Archived Surface Sediment PCB Congener Results and Associated PCB Aroclor Results.

		Location Name	G208	G218	G225	G230	G233	G241	G247	G257	G273	G280	G282	G293	G298	G307	G308	G310
		X_Easting	7620969.59	7622652.81	7621823.71	7621586.45	7623065.18	7621962.13	7624113.58	7625152.48	7623641.13	7627021.11	7627338.7	7626523.61	7624326.3	7625788.58	7624835.09	7626462.48
		Y_Northing	708536.13	708146.62	707821.53	707641.55	707553.28	707095.42	706912.98	706266.31	705878.73	705719.4	705703.28	705498.59	705451.05	705195.64	705157.8	705066.23
		Sample ID	LW2-G208	LW2-G218	LW2-G225	LW2-G230	LW2-G233	LW2-G241	LW2-G247	LW2-G257	LW2-G273	LW2-G280	LW2-G282	LW2-G293	LW2-G298	LW2-G307	LW2-G308	LW2-G310
		Sample Type Code	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		Parent Sample	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		Sample Date	08/17/2004	07/30/2004	08/17/2004	08/10/2004	09/10/2004	08/18/2004	09/08/2004	08/23/2004	10/07/2004	10/11/2004	10/22/2004	08/20/2004	09/13/2004	08/20/2004	09/13/2004	08/23/2004
		Depth Interval	0 - 26 cm	0 - 21 cm	0 - 20 cm	0 - 26 cm	0 - 26 cm	0 - 24 cm	0 - 29 cm	0 - 26 cm	0 - 28 cm	0 - 25 cm	0 - 23 cm	0 - 28 cm	0 - 27 cm	0 - 28 cm	0 - 27 cm	0 - 28 cm
CAS No	**Chemical Name**	**Unit**																
2051-60-7	PCB001	pg/g	19.7 J	8.94	176 J	12.6 J	14.4	10.8 J	31.7	14.3	75.9	9.33 J	329	6.41	106	135	62.8	83.1
2051-61-8	PCB002	pg/g	26.5	9.38	132 J	25.4	25.3	15.9	41.6	2.46 U	25.6	20.5	67.6	18.6	215	24.8	12.8	27.4
2051-62-9	PCB003	pg/g	20.1 J	9.74	137 J	15.2 J	17.8	11.1 J	36.1	4.91	59.7	14.6 J	270	9.16	267	94.6	33.5	98.5
PCB004_010	PCB004 & 010	pg/g	32.7	12.8	187 J	33.6	35.9	21.5	59.8	48.7	332	144	25600	74	133 U	312	157	203
PCB005_008	PCB005 & 008	pg/g	77.4	39	389 J	79.7	68.1	61.9	123	22.7	1190	57.5	1030	53.8	133 U	1420	486	1320
25569-80-6	PCB006	pg/g	21.7	8.96	88.8 J	20.3	17.2	14.6	35.2	7	277	11.5	569	14	133 U	279	135	278
PCB007_009	PCB007 & 009	pg/g	8.17	4.42 U	52.2 UJ	9.17	7.7	6.51	14.9	4.93 U	122	6.33 U	219	5.47	133 U	125	50.2	114
2050-67-1	PCB011	pg/g	80.1	33.5	23.3 UJ	102	119	121	106	21.2 U	67.8	179	266	156	133 U	34.7	46.4 U	43.7
PCB012_013	PCB012 & 013	pg/g	14.3	9.45 U	23.3 UJ	12.4	14.1	10.5	26.9	4.93 U	125	16.9	293	9.05	133 U	117	56	119
34883-41-5	PCB014	pg/g	3.32 U	4.42 U	23.3 UJ	4.9 U	4.99 U	4.94 U	4.92 U	4.93 U	12.6 U	10.3 U	53.5 U	5.09 U	133 U	5.03 U	24.6 U	9.77 U
2050-68-2	PCB015	pg/g	59	46.5	74.2	73.8	99.5	75.5	102	18.3	604	115	1280 J	67	133 U	685	274	701
PCB016_032	PCB016 & 032	pg/g	88.2	104	277	117	110	63.4	164	40.4	1400	141	5490	80.6	62.5 J	1810	565	1570
37680-66-3	PCB017	pg/g	57.1	47.7	47	76.8	67.1	43.7	96.5	29.4	1020	142	11000	114	66.5 U	1420	366	1300
37680-65-2	PCB018	pg/g	72.5	87.5	54.8	170	144	90.5	202	33.4	1510	99.9	3040	100	66.5 U	2990	553	2530
38444-73-4	PCB019	pg/g	30.3	17.6	68.4 J	34.8	48.8	19.2	53.2	15.9	186	457	58600	219	66.5 U	221	80.4	168
PCB020_021_033	PCB020 & 021 & 033	pg/g	105	92.2	259	134	116	91.2	178	15.8	3.85 U	103	1070	85.7	94.7	2590	697	2360
38444-85-8	PCB022	pg/g	61.9	67.3	169	95.5	80.4	59.5	105	10.7	976	80	1030	58.8	38.3 J	1420	336	1150
55720-44-0	PCB023	pg/g	1.66 U	2.21 U	11.6 U	2.45 U	2.5 U	2.47 U	2.46 U	2.46 U	3.9	5.17 U	26.7 U	2.55 U	66.5 U	4.18	2.46 U	5.08
PCB024_027	PCB024 & 027	pg/g	14.7	9.39	31.2	16.6	17.7	9.17	23.7	4.79	154	64.8	6400	37.3	66.5 U	187	60.6	158
55712-37-3	PCB025	pg/g	22.9	19.4	27	32.7	22.6	19.4	28.4	8.06	405	27.9	869	20.4	66.5 U	363	153	343
38444-81-4	PCB026	pg/g	39.9	30.2	58.3	48.9	37.7	29.4	54.5	11.5	576	37.3	1180	32.1	66.5 U	583	207	479
7012-37-5	PCB028	pg/g	264	243	451	350	326	215	391	91	3310	274	2580	242	148	4570	1280	4260
15862-07-4	PCB029	pg/g	1.66 U	2.21 U	11.6 U	2.45 U	2.5 U	2.47 U	2.46 U	2.46 U	18.9	5.17 U	26.7 U	2.55 U	66.5 U	21.9	5.26	12.6
35693-92-6	PCB030	pg/g	1.66 U	2.21 U	11.6 UJ	2.45 U	2.5 U	2.47 U	2.46 U	2.46 U	12.6 U	5.17 U	123	2.55 U	66.5 U	2.52 U	12.3 U	4.88 U
16606-02-3	PCB031	pg/g	174	155	444	229	218	149	279	37.7	3420	188	1680	153	177	3850	1270	3120
37680-68-5	PCB034	pg/g	2.39	4.07	11.6 U	3.1	2.5 U	2.47 U	3.61	2.46 U	40.4	5.17 U	191	3.23	66.5 U	56.2	15.5	58.4
37680-69-6	PCB035	pg/g	11.1	8.44	11.6 U	6.56	2.5 U	4.99	9.51	2.46 U	56.1	6.56	33.6	5.46	66.5 U	55.8	19.4	45.9
38444-87-0	PCB036	pg/g	3.12	2.21 U	11.6 U	2.45 U	2.5 U	2.47 U	2.46 U	2.46 U	3.01	5.17 U	26.7 U	2.55 U	66.5 U	3.04	2.46 U	4.88 U
38444-90-5	PCB037	pg/g	81	74.7	122	99.7	110	77.8	112	14.3	926	99.2	469	76.9	41.8 J	1070	336	1060
53555-66-1	PCB038	pg/g	2.72	39.3	11.6 U	4.02	2.5 U	2.47 U	10.2	2.55	20.5	27.7	1020	4.92	66.5 U	23.9	8.06	27.1
38444-88-1	PCB039	pg/g	6.37	5.53	11.6 U	2.45 U	2.5 U	2.47 U	2.95	2.46 U	10.9	5.17 U	26.7 U	2.55 U	66.5 U	21.9	3.79	23.8
38444-93-8	PCB040	pg/g	31.3	49.3	120 J	80.5	62.4	39	112	10.8	404	48.6	632	41.2	46.4	931	304	837
PCB041_064_071_	PCB041 & 064 &071 &072	pg/g	251	495	564 J	380	339	210	650	143	2760	381	5550	253	236	4680	1600	4530
PCB042_059	PCB042 & 059	pg/g	112	183	193 J	153	128	77.4	203	33.7	1160	132	3680	87.4	71.7	1820	582	1800
PCB043_049	PCB043 & 049	pg/g	482	1350	555 J	499	468	236	1140	209	3570	728	19000	346	247	4830	1620	5170
41464-39-5	PCB044	pg/g	587	377	759 J	691	453	245	1450	98.1	3820	334	6080	263	392	5510	1980	5340
70362-45-7	PCB045	pg/g	43.4	32.2	114 J	64.8	56.4	31.5	81.6	9.07	574	38.7	762	33	36.3 J	807	272	747
41464-47-5	PCB046	pg/g	22.4	30.6	52.7 J	30	29.2	13.5	42.3	18.7	239	31.8	1070	18.4	17 J	336	117	323
2437-79-8	PCB047	pg/g	202	1800	222 J	202	258	101	511	162	1300	1650	54900	331	81	1530	521	1880
PCB048_075	PCB048 & 075	pg/g	57	87.6	123 J	84.5	66.3	47.3	117	15.6	677	88.7	2020	58.5	41.4 J	1280	373	1190
62796-65-0	PCB050	pg/g	2.19	4.42 U	11.6 UJ	4.9 U	3.16	2.47 U	3.08	2.46 U	12.3	26.9	2440	8.14	66.5 U	22.5	5.72	22
68194-04-7	PCB051	pg/g	30.9	397	62.1 J	33.6	72.8	20.1	76.5	43.3	170	650	23800	113	66.5 U	259	53.2	267
PCB052_069	PCB052 & 069	pg/g	1040	832	984 J	967	703	320	2950	213	4790	615	18500	413	696	6080	2400	5940
41464-41-9	PCB053	pg/g	82.2	173	141 J	84.7	121	46	174	67	589	346	17100	114	36.6 J	739	261	661
15968-05-5	PCB054	pg/g	4.72	29.9	11.6 UJ	5.34	11.3	3.33	8.15	3.98	12.2	156	12900	60.1	66.5 U	9.45	3.63	9.35
74338-24-2	PCB055	pg/g	8.25	24.5	11.6 U	11.1	5.63	3.67	24.2	2.8	43.3	11.4	255	4.86	66.5 U	40.7	19.7	43
PCB056_060	PCB056 & 060	pg/g	218	191	191	291	195	134	360	31.1	1910	203	1050	139	164	2420	942	2260
70424-67-8	PCB057	pg/g	2.44	12.3	11.6 U	4.9 U	2.1	2.47 U	4.56	2.46 U	34.8	5.17 U	511	2.55 U	66.5 U	23.5	10.2	24.5
41464-49-7	PCB058	pg/g	2.57	14.3	11.6 U	4.9 U	2.42	2.47 U	5.95	2.46 U	19.5	5.17 U	26.7 U	2.55 U	66.5 U	39.3	8.43	47

Table 3-1. Round 2A Archived Surface Sediment PCB Congener Results and Associated PCB Aroclor Results.

		Location Name	G208	G218	G225	G230	G233	G241	G247	G257	G273	G280	G282	G293	G298	G307	G308	G310
		X_Easting	7620969.59	7622652.81	7621823.71	7621586.45	7623065.18	7621962.13	7624113.58	7625152.48	7623641.13	7627021.11	7627338.7	7626523.61	7624326.3	7625788.58	7624835.09	7626462.48
		Y_Northing	708536.13	708146.62	707821.53	707641.55	707553.28	707095.42	706912.98	706266.31	705878.73	705719.4	705703.28	705498.59	705451.05	705195.64	705157.8	705066.23
		Sample ID	LW2-G208	LW2-G218	LW2-G225	LW2-G230	LW2-G233	LW2-G241	LW2-G247	LW2-G257	LW2-G273	LW2-G280	LW2-G282	LW2-G293	LW2-G298	LW2-G307	LW2-G308	LW2-G310
		Sample Type Code	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		Parent Sample	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		Sample Date	08/17/2004	07/30/2004	08/17/2004	08/10/2004	09/10/2004	08/18/2004	09/08/2004	08/23/2004	10/07/2004	10/11/2004	10/22/2004	08/20/2004	09/13/2004	08/20/2004	09/13/2004	08/23/2004
		Depth Interval	0 - 26 cm	0 - 21 cm	0 - 20 cm	0 - 26 cm	0 - 26 cm	0 - 24 cm	0 - 29 cm	0 - 26 cm	0 - 28 cm	0 - 25 cm	0 - 23 cm	0 - 28 cm	0 - 27 cm	0 - 28 cm	0 - 27 cm	0 - 28 cm
PCB061_070	PCB061 & 070	pg/g	735	764	373	764	470	296	1620	105	2210	435	2960	321	235	5740	1180	5700
54230-22-7	PCB062	pg/g	1.66 U	4.42 U	11.6 UJ	4.9 U	2.5 U	2.47 U	2.46 U	2.46 U	2.51 U	5.17 U	26.7 U	2.55 U	66.5 U	2.52 U	2.46 U	4.88 U
74472-34-7	PCB063	pg/g	17.1	47.2	11.6 U	21.1	14.7	9.76	33.7	5.64	130	18.7	231	11.4	66.5 U	200	63.4	191
33284-54-7	PCB065	pg/g	1.66 U	4.42 U	11.6 UJ	4.9 U	2.5 U	2.47 U	2.46 U	2.46 U	2.51 U	5.17 U	26.7 U	2.55 U	66.5 U	3.8	2.46 U	4.88 U
PCB066_076	PCB066 & 076	pg/g	414	795	262	515	372	249	748	83.3	3110	411	2610	287	242	4560	1440	4840
73575-53-8	PCB067	pg/g	13.2	15.4	11.6 U	12.6	11	7.79	14.8	2.61	146	17.6	480	9.01	66.5 U	131	66.5	118
73575-52-7	PCB068	pg/g	18.9	104	11.6 UJ	5.89	6.56	4.2	12.3	6.1	30.5	26.3	672	7.41	66.5 U	80.6	20.3	91.5
74338-23-1	PCB073	pg/g	1.66 U	36.1	11.6 UJ	4.9 U	16	2.47 U	76.2	6.42	2.51 U	48.7	2620	12.5	66.5 U	59.5	2.46 U	110
32690-93-0	PCB074	pg/g	173	155	120	207	156	98.3	354	29.6	1140	175	1170	121	91.3	2270	501	2170
32598-13-3	PCB077	pg/g	68.9	77.3	36.9	51.5	39.6	29.2	106	8.87	308	47.5	165	33.3	32.9 J	402	123	387
70362-49-1	PCB078	pg/g	1.66 U	4.42 U	11.6 U	4.9 U	2.5 U	2.47 U	2.46 U	2.46 U	2.51 U	5.17 U	26.7 U	2.55 U	66.5 U	2.52 U	2.46 U	4.88 U
41464-48-6	PCB079	pg/g	20.1	126	11.6 U	18.4	9.26	5.32	60.4	3.22	51.5	14.1	337	8.26	15.6 J	84.1	24.3	96.6
33284-52-5	PCB080	pg/g	1.66 U	12.8	11.6 U	4.9 U	2.5 U	2.47 U	2.46 U	2.46 U	2.51 U	5.17 U	26.7 U	2.55 U	66.5 U	2.52 U	2.46 U	4.88 U
70362-50-4	PCB081	pg/g	2.77	3.16	7.06 J	3.45 J	2.79	0.696 J	19.1	0.811 J	19	1.83 J	18.1 J	1.6 J	19.4 J	4.68	7.5	9.44
52663-62-4	PCB082	pg/g	195	166	70.5	218	109	55.2	526	26.3	598	76.1	749	59.3	120	724	292	668
60145-20-2	PCB083	pg/g	1.66 U	4.42 U	11.6 U	4.9 U	2.5 U	2.47 U	2.46 U	2.46 U	3.34	5.17 U	79.2	2.55 U	66.5 U	2.52 U	2.46 U	4.88 U
PCB084_092	PCB084 & 092	pg/g	629	2510	336	668	525	197	2710	189	3260	534	18900	285	450	3240	1060	3240
PCB085_116	PCB085 & 116	pg/g	237	268	108	259	146	74.9	779	37.7	844	124	1140	92.4	196	1000	399	929
55312-69-1	PCB086	pg/g	4.44	4.42 U	11.6 U	7.44	4.22	2.47 U	9.37	2.46 U	23.6	5.17 U	139	2.55 U	66.5 U	13.8	12.5	14.3
PCB087_117_125	PCB087 & 117 & 125	pg/g	660	1100	294	649	373	154	2240	87.9	2000	287	5500	195	538	2040	856	1850
PCB088_091	PCB088 & 091	pg/g	241	626	112	235	183	77	854	87.9	881	320	8250	133	127	1110	346	1210
73575-57-2	PCB089	pg/g	14.7	16.2	11.6 U	15.7	10.4	5.69	38.2	3.17	73.7	9.06	154	5.96	66.5 U	89.9	34.6	83.2
PCB090_101	PCB090 & 101	pg/g	1810	8240	1020	1560	1330	492	7120	326	7590	1270	40200	742	1470	7650	2520	7500
73575-56-1	PCB093	pg/g	1.66 U	4.42 U	11.6 U	4.9 U	2.5 U	2.47 U	2.46 U	2.46 U	2.51 U	5.17 U	26.7 U	2.55 U	66.5 U	2.52 U	2.46 U	4.88 U
73575-55-0	PCB094	pg/g	8.05	61	11.6 U	6.6	10.5	3.48	25.9	6.77	28.5	71.9	4520	17.4	66.5 U	35.1	10.7	34.4
PCB095_098_102	PCB095 & 098 & 102	pg/g	1370	4450	841	1250	1050	370	5790	441	5230	1040	39800	550	1050	5750	1930	5660
73575-54-9	PCB096	pg/g	7.52	32.4	11.6 U	6.34	10.6	5.29	24.2	6.09	42	44.2	1770	11.3	66.5 U	66.3	23.5	64.5
41464-51-1	PCB097	pg/g	513	673	202	505	294	128	1700	77.4	1550	190	3450	166	349	1960	714	2010
38380-01-7	PCB099	pg/g	733	3500	315	716	529	224	2530	128	2570	579	13300	351	455	3370	1070	3640
39485-83-1	PCB100	pg/g	13.7	226	21.1	9.34	29.7	6.71	46.9	10.3	63.8	277	10800	44.5	66.5 U	46.9	11.3	54.6
60145-21-3	PCB103	pg/g	23.1	294	23.5	15.4	34.2	11.8	82.4	10.6	168	98.6	3270	31.2	66.5 U	172	36	184
56558-16-8	PCB104	pg/g	1.66 U	10.8	11.6 U	4.9 U	2.5 U	2.47 U	2.46 U	2.46 U	2.51 U	27.5	1010	4.49	66.5 U	2.52 U	2.46 U	4.88 U
32598-14-4	PCB105	pg/g	491	773	206	656	274	142	1390	62.3	1370	247	2430	159	398	1320	709	1240
PCB106_118	PCB106 & 118	pg/g	1500	3480	545	1540	851	416	4730	201	4370	725	11500	532	996	5150	1930	5040
PCB107_109	PCB107 & 109	pg/g	120	517	41.3	118	77.7	37.9	378	16.9	418	74.8	1110	51.2	66.5 U	569	173	569
PCB108_112	PCB108 & 112	pg/g	77.7	156	30.4	74.8	53.9	22.4	269	20.5	289	74.6	5140	33.1	54.1	347	119	339
38380-03-9	PCB110	pg/g	1920	5420	875	2020	1330	522	7070	405	6370	993	17700	724	1470	7400	2570	7530
PCB111_115	PCB111 & 115	pg/g	24.4	57.3	15.2	26.7	23.8	5.87	68.9	3.59	73.9	12.5	204	6.89	26.6 J	63	38.9	54.8
68194-10-5	PCB113	pg/g	1.66 U	48.2	11.6 U	4.9 U	9.87	2.47 U	30.6	2.46 U	78	5.32	319	3.11	66.5 U	32.5	7.51	22.5
74472-37-0	PCB114	pg/g	23.7	20.9	13.2	33.9	13.3	8.02	68.3	3.2	80.6	12.3	84.5	9.4	27.8 J	75.7	47.1	66.2
56558-17-9	PCB119	pg/g	43.6	454	22.4	36.5	40.1	17.2	159	14.7	256	78.5	2150	36.1	20.9 J	278	66.9	286
68194-12-7	PCB120	pg/g	3.15	131	11.6 U	4.9 U	3.61	2.47 U	14.2	2.46 U	21.2	8.3	209	2.55 U	66.5 U	21.9	4.73	18.5
56558-18-0	PCB121	pg/g	5.11	14.1	11.6 U	4.9 U	2.5 U	2.47 U	2.46 U	2.46 U	7.75	7.56	380	2.55 U	66.5 U	2.52 U	2.46 U	4.88 U
76842-07-4	PCB122	pg/g	15.5	16.7	11.6 U	19.8	8.53	5.23	48.8	2.48	48.1	7.85	72.6	5.06	66.5 U	51.6	29.4	61.8
65510-44-3	PCB123	pg/g	21	22	9.28 J	24.2	11.9	7.55	64.6	3.5	49.5	13.1	113	8.48	15.4 J	62.5	32.9	62.3
70424-70-3	PCB124	pg/g	58.7	116	23.8	64.9	40	15.6	202	8.32	149	25.4	332	17.6	46.6 J	152	75.4	157
57465-28-8	PCB126	pg/g	13.9	68.8	5.8 J	9.91	5.75	3.42	31.4	1.98 J	25.4	7.75	107	3.75	10.3 U	23	10.5	25.7
39635-33-1	PCB127	pg/g	1.66 U	4.42 U	11.6 U	4.9 U	2.5 U	2.47 U	2.46 U	2.46 U	2.51 U	5.17 U	26.7 U	2.55 U	66.5 U	2.52 U	2.46 U	4.88 U
PCB128_162	PCB128 & 162	pg/g	280	1670	110	370	183	84.1	1060	62	1040	198	4480	116	242	942	335	894
55215-18-4	PCB129	pg/g	70.1	396	34.6	101	48.4	19.6	281	15	285	59.2	2070	28.8	73.1	246	93.2	216

Table 3-1. Round 2A Archived Surface Sediment PCB Congener Results and Associated PCB Aroclor Results.

		Location Name	G208	G218	G225	G230	G233	G241	G247	G257	G273	G280	G282	G293	G298	G307	G308	G310
		X_Easting	7620969.59	7622652.81	7621823.71	7621586.45	7623065.18	7621962.13	7624113.58	7625152.48	7623641.13	7627021.11	7627338.7	7626523.61	7624326.3	7625788.58	7624835.09	7626462.48
		Y_Northing	708536.13	708146.62	707821.53	707641.55	707553.28	707095.42	706912.98	706266.31	705878.73	705719.4	705703.28	705498.59	705451.05	705195.64	705157.8	705066.23
		Sample ID	LW2-G208	LW2-G218	LW2-G225	LW2-G230	LW2-G233	LW2-G241	LW2-G247	LW2-G257	LW2-G273	LW2-G280	LW2-G282	LW2-G293	LW2-G298	LW2-G307	LW2-G308	LW2-G310
		Sample Type Code	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		Parent Sample	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		Sample Date	08/17/2004	07/30/2004	08/17/2004	08/10/2004	09/10/2004	08/18/2004	09/08/2004	08/23/2004	10/07/2004	10/11/2004	10/22/2004	08/20/2004	09/13/2004	08/20/2004	09/13/2004	08/23/2004
		Depth Interval	0 - 26 cm	0 - 21 cm	0 - 20 cm	0 - 26 cm	0 - 26 cm	0 - 24 cm	0 - 29 cm	0 - 26 cm	0 - 28 cm	0 - 25 cm	0 - 23 cm	0 - 28 cm	0 - 27 cm	0 - 28 cm	0 - 27 cm	0 - 28 cm
52663-66-8	PCB130	pg/g	90	1250	49.5	143	84.6	35	428	32.9	767	110	3790	61.7	102	635	155	575
61798-70-7	PCB131	pg/g	1.66 U	4.42 U	11.6 U	4.9 U	2.5 U	2.47 U	2.46 U	2.46 U	3.67	5.17 U	26.7 U	2.55 U	66.5 U	2.52 U	2.46 U	4.88 U
PCB132_161	PCB132 & 161	pg/g	476	5670	327	577	451	169	2310	156	3150	553	17600	275	501	2460	762	2230
PCB133_142	PCB133 & 142	pg/g	51.1	895	30	58.4	51.5	19.5	227	16.3	429	89.5	3240	36	47.7 J	292	83.8	269
PCB134_143	PCB134 & 143	pg/g	86.1	949	50.6	104	73.3	29	423	29.8	553	139	5720	54.9	86.5	422	145	382
52744-13-5	PCB135	pg/g	269	3410	229	261	244	89.9	1090	81.6	2280	368	16100	158	256	1450	406	1340
38411-22-2	PCB136	pg/g	281	2740	241	247	237	87.1	1180	87.3	1750	366	15000	162	284	1430	384	1360
35694-06-5	PCB137	pg/g	80.5	194	27.4	104	43	20.6	264	15.9	219	58.1	1020	31.1	63.9 J	260	105	182
PCB138_163_164	PCB138 & 163 & 164	pg/g	1560	22300	1280	1910	1650	612	7800	433	10800	2270	81900	1060	1880	8680	2630	7510
PCB139_149	PCB139 & 149	pg/g	1480	18500	1420	1520	1370	521	7030	503	10900	2020	81600	924	1770	8440	2360	8110
59291-64-4	PCB140	pg/g	14.7	359	11.6 U	15.9	15.3	4.97	45.3	4.41	95.7	19.9	625	9.84	66.5 U	89.9	18.9	78.3
52712-04-6	PCB141	pg/g	248	5190	321	337	304	116	1510	79.6	2540	505	21100	201	462	1610	547	1440
68194-14-9	PCB144	pg/g	79	1100	90.6	85.9	63.6	24.4	405	26.2	548	112	4650	42.4	132	417	131	407
74472-40-5	PCB145	pg/g	1.66 U	4.42 U	11.6 U	4.9 U	2.5 U	2.47 U	2.46 U	2.46 U	2.51 U	5.17 U	42	2.55 U	66.5 U	2.52 U	2.46 U	4.88 U
PCB146_165	PCB146 & 165	pg/g	246	5930	193	294	307	119	1200	79	2360	483	16300	225	236	1930	470	1820
68194-13-8	PCB147	pg/g	49.2	359	31.9	51.3	34.4	14.9	166	16.6	161	176	7280	41	66.5 U	143	45.3	146
74472-41-6	PCB148	pg/g	4.94	181	11.6 U	4.9 U	9.02	2.9	14.9	2.46 U	62.6	21	795	6.71	66.5 U	44.2	8.03	36.6
68194-08-1	PCB150	pg/g	6.11	64.9	11.6 U	4.9 U	5.65	2.47 U	14.8	2.46 U	38.4	18.6	623	6.5	66.5 U	26.3	4.56	30.6
52663-63-5	PCB151	pg/g	297	5810	486	345	393	161	1870	153	3220	788	25800	295	542	2600	712	2400
68194-09-2	PCB152	pg/g	2.44	17.3	11.6 U	4.9 U	2.5 U	2.47 U	7.01	2.46 U	5.84	15.1	797	2.91	66.5 U	5.34	2.46 U	4.99
35065-27-1	PCB153	pg/g	1370	26500	1420	1630	1670	660	7810	404	11400	2720	99900	1170	1930	9290	2580	9110
60145-22-4	PCB154	pg/g	39.7	931	25.2	29.8	42.8	15.4	118	12.3	324	95.9	3260	36.4	66.5 U	264	47	257
33979-03-2	PCB155	pg/g	1.66 U	4.42 U	11.6 U	4.9 U	2.5 U	2.47 U	2.46 U	2.46 U	2.51 U	5.17 U	176	2.55 U	66.5 U	2.52 U	2.46 U	4.88 U
38380-08-4	PCB156	pg/g	146	1450	91.5	208	106	47.6	584	25.9	811	153	4720	74.7	157	570	217	553
69782-90-7	PCB157	pg/g	34.9	144	13.3	49.7	21.3	10.8	124	7.37	104	26.1	362	15.1	31.6 J	93.8	40.9	90.4
PCB158_160	PCB158 & 160	pg/g	156	2010	127	217	147	55.7	810	42.2	989	195	7310	91.5	204	676	249	525
39635-35-3	PCB159	pg/g	12.6	364	19.3	20.2	14.6	10.7	67.9	7.25	170	52.9	1730	17	31.3 J	144	35.5	148
41411-63-6	PCB166	pg/g	4.52	13	11.6 U	9.44	3.27	2.47 U	19.8	2.46 U	15.8	5.17 U	34.7	2.55 U	12 U	14	8.33	14.3
52663-72-6	PCB167	pg/g	65.9	673	35.5	84.4	51.6	21.2	291	13.6	311	69.2	2020	33.5	65.3 J	227	83	218
59291-65-5	PCB168	pg/g	2.28	71.4	11.6 U	4.9 U	2.77	2.47 U	9.67	2.46 U	11.8	7.46	317	2.69	66.5 U	21	3.59	15.7
32774-16-6	PCB169	pg/g	0.825 U	8.72	1.43 U	0.901 U	0.8 U	0.599 U	1.92 U	1.39 U	1.94 U	1.43 U	4.54 U	0.775 U	66.5 U	1.46 J	1.24 U	3.32 U
35065-30-6	PCB170	pg/g	293	9240	1.43	386	485	220	2020	121	4200	1030	37700	349	569	2680	724	2700
52663-71-5	PCB171	pg/g	89.2	2610	141	107	142	62	611	37.4	1140	280	10300	99.8	177	763	221	798
52663-74-8	PCB172	pg/g	51.5	1320	81.9	68.5	77.6	41.7	314	22.5	776	184	6290	62.1	104	486	134	503
68194-16-1	PCB173	pg/g	7.44	202	13.8	9.83	10.8	5.21	49.3	3.7	104	22.5	935	7.74	20 J	57.8	20	62.3
38411-25-5	PCB174	pg/g	281	9690	575	427	524	268	1970	166	4070	1170	45600	416	612	3400	856	3490
40186-70-7	PCB175	pg/g	12.3	388	28.5	16.7	29	9.8	86.6	7.17	211	48.7	1830	17.6	66.5 U	150	39.5	139
52663-65-7	PCB176	pg/g	40.9	1200	81.8	45	69.9	29.9	268	23.3	644	143	5870	52.3	114	452	118	446
52663-70-4	PCB177	pg/g	192	6360	330	259	301	163	1230	91.2	2900	695	25100	247	381	1920	529	1870
52663-67-9	PCB178	pg/g	65.9	1890	128	87.3	116	58.4	368	34.3	1120	257	9630	94.2	125	722	177	711
52663-64-6	PCB179	pg/g	146	4050	288	195	251	125	884	85.4	2210	560	22000	210	357	1630	428	1620
35065-29-3	PCB180	pg/g	662	22400	1310	996	1170	610	4630	322	9610	2730	98100	912	1630	7160	1880	7270
74472-47-2	PCB181	pg/g	8.7	4.42 U	11.6 U	6.66	21.1	2.47 U	19.9	2.46 U	31.4	6.47	169	7.49	23.9	19.2	8.81	86.9
PCB182_187	PCB182 & 187	pg/g	389	11500	813	559	698	366	2390	214	6120	1560	55000	583	947	4470	1110	4380
52663-69-1	PCB183	pg/g	170	5440	388	230	319	140	1260	95.6	2610	658	24800	234	458	1880	485	1880
74472-48-3	PCB184	pg/g	1.66 U	6.85	11.6 U	4.9 U	2.5 U	2.47 U	2.46 U	2.46 U	4.06	5.17 U	26.7 U	2.55 U	66.5 U	2.52 U	2.46 U	4.88 U
52712-05-7	PCB185	pg/g	31.8	967	72.1	53.3	56.2	34.5	224	20.1	461	134	4790	45.1	102	345	112	370
74472-49-4	PCB186	pg/g	1.66 U	4.42 U	11.6 U	4.9 U	2.5 U	2.47 U	2.46 U	2.46 U	2.51 U	5.17 U	26.7 U	2.55 U	66.5 U	2.52 U	2.46 U	4.88 U
74487-85-7	PCB188	pg/g	1.66 U	18	11.6 U	4.9 U	2.5 U	2.47 U	3.11	2.46 U	10.8	5.94	164	2.55 U	66.5 U	2.52 U	2.46 U	4.88 U
39635-31-9	PCB189	pg/g	11.7	349	17.7	14.7	14.7	8.22	76.4	4.83	165	40.9	1400	12.7	23.9 J	90.2	25.9	92.8

Table 3-1. Round 2A Archived Surface Sediment PCB Congener Results and Associated PCB Aroclor Results.

		Location Name	G208	G218	G225	G230	G233	G241	G247	G257	G273	G280	G282	G293	G298	G307	G308	G310
		X_Easting	7620969.59	7622652.81	7621823.71	7621586.45	7623065.18	7621962.13	7624113.58	7625152.48	7623641.13	7627021.11	7627338.7	7626523.61	7624326.3	7625788.58	7624835.09	7626462.48
		Y_Northing	708536.13	708146.62	707821.53	707641.55	707553.28	707095.42	706912.98	706266.31	705878.73	705719.4	705703.28	705498.59	705451.05	705195.64	705157.8	705066.23
		Sample ID	LW2-G208	LW2-G218	LW2-G225	LW2-G230	LW2-G233	LW2-G241	LW2-G247	LW2-G257	LW2-G273	LW2-G280	LW2-G282	LW2-G293	LW2-G298	LW2-G307	LW2-G308	LW2-G310
		Sample Type Code	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		Parent Sample	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		Sample Date	08/17/2004	07/30/2004	08/17/2004	08/10/2004	09/10/2004	08/18/2004	09/08/2004	08/23/2004	10/07/2004	10/11/2004	10/22/2004	08/20/2004	09/13/2004	08/20/2004	09/13/2004	08/23/2004
		Depth Interval	0 - 26 cm	0 - 21 cm	0 - 20 cm	0 - 26 cm	0 - 26 cm	0 - 24 cm	0 - 29 cm	0 - 26 cm	0 - 28 cm	0 - 25 cm	0 - 23 cm	0 - 28 cm	0 - 27 cm	0 - 28 cm	0 - 27 cm	0 - 28 cm
41411-64-7	PCB190	pg/g	50	1820	106	79	96.2	47.5	390	25.3	794	210	7580	72.5	124	528	151	531
74472-50-7	PCB191	pg/g	11	359	20.4	13.9	16.2	7.5	77	5.3	174	38	1480	13	23.1 J	99.4	26.8	91.2
74472-51-8	PCB192	pg/g	1.66 U	4.42 U	11.6 U	4.9 U	2.5 U	2.47 U	2.46 U	2.46 U	2.51 U	5.17 U	26.7 U	2.55 U	66.5 U	2.52 U	2.46 U	4.88 U
69782-91-8	PCB193	pg/g	31.7	1070	63.4	46.3	52.8	28.2	200	15.8	495	131	4910	44.8	70.6	336	86.2	342
35694-08-7	PCB194	pg/g	130	4000	329	267	232	189	867	65.7	1680	757	20700	212	412	1570	406	1720
52663-78-2	PCB195	pg/g	55.7	1870	133	92.3	105	77.7	393	28.7	782	320	8750	87.1	175	674	188	739
PCB196_203	PCB196 & 203	pg/g	142	4480	405	334	275	200	971	95.9	1900	797	23500	256	594	1920	426	1830
33091-17-7	PCB197	pg/g	5.38	163	13.1	10.2	8.98	6.86	33.2	3.69	71.7	28	784	7.88	20.2 J	63.7	16.9	65.1
68194-17-2	PCB198	pg/g	10.5	185	19.5	16.6	21.5	10.2	42.9	5.11	238	37	947	19.6	36.3 J	104	21.3	94.7
52663-75-9	PCB199	pg/g	127	3970	357	335	237	182	845	84	1540	677	19900	233	502	1670	376	1690
52663-73-7	PCB200	pg/g	16.9	499	46.6	38.4	29.6	23.2	104	12.1	227	87.5	2570	28	72.3	228	59	228
40186-71-8	PCB201	pg/g	20.2	482	46.7	43.7	32.4	26.4	115	12.2	248	106	2550	31.9	74.7	238	63.3	245
2136-99-4	PCB202	pg/g	35.3	644	69.4	76.1	52.9	44.3	214	19.7	340	167	3450	54.6	135	345	94.6	360
74472-52-9	PCB204	pg/g	1.66 U	4.42 U	11.6 U	4.9 U	2.5 U	2.47 U	2.46 U	2.46 U	2.65	5.17 U	26.7 U	2.55 U	66.5 U	2.52 U	2.46 U	4.88 U
74472-53-0	PCB205	pg/g	5.22	183	16.3	10.7	9.31	7.88	38.3	3.63	76.2	32.6	918	8.73	19.9 J	67.6	18.8	74.6
40186-72-9	PCB206	pg/g	102	785	202	210	135	108	586	48	564	320	6560	146	520	558	202	708
52663-79-3	PCB207	pg/g	9.64	92.7	11.6 U	23.2	12	14.3	48.6	6.12	73.3	43.9	759	15.2	56.9 J	68.1	29	77.5
52663-77-1	PCB208	pg/g	27.7	152	53.5	55.8	41.4	27.7	192	16.5	128	90.3	1810	41.5	170	128	49.5	177
2051-24-3	PCB209	pg/g	83.3	146	157	139	88.3	91.1	328	52.8	585	325	9250	93.3	638	349	175	632
27323-18-8	Monochlorobiphenyl	pg/g	66.3	28.1	444 J	53.2	57.5	37.8	109	19.2	161	44.4	667	34.2	588	254	109	209
25512-42-9	Dichlorobiphenyl	pg/g	293	141	738 J	331	362	312	468	118	2710	525	29200	379	133 U	2970	1200	2780
25323-68-6	Trichlorobiphenyl	pg/g	1040	1010	2070	1420	1300	872	1710	315	16000	1750	94700	1230	562	21200	5960	18700
26914-33-0	Tetrachlorobiphenyl	pg/g	4640	8210	4880	5180	4080	2230	11000	1310	29200	6630	182000	3100	2700	44900	14500	44800
25429-29-2	Pentachlorobiphenyl	pg/g	10800	33500	5130	10700	7390	3010	39000	2180	38500	7240	195000	4280	7810	42800	15100	42600
26601-64-9	Hexachlorobiphenyl	pg/g	7510	109000	6650	8760	7630	2950	37200	2310	55300	11700	430000	5180	9100	43400	12700	40400
28655-71-2	Heptachlorobiphenyl	pg/g	2540	80800	4950	3600	4450	2230	17100	1290	37800	9910	364000	3480	5860	27200	7130	27400
55722-26-4	Octachlorobiphenyl	pg/g	548	16500	1430	1220	1000	768	3620	331	7120	3010	84000	938	2040	6880	1670	7050
53742-07-7	Nonachlorobiphenyl	pg/g	139	1030	255	289	188	150	826	70.6	765	454	9130	202	747	754	280	962
1336-36-3	Polychlorinated biphenyls	pg/g	27600	250000	26700	31700	26500	12600	111000	8000	188000	41600	1400000	18900	29900	191000	58800	185000
12767-79-2	Total PCB Aroclors	ug/kg	18.1 T	270 JT	18 UJT	220 T	26 JT	98 T	157 T	27 T	122 JT	347 JT	3130 JT	18.5 JT	14.2 UJT	270 JT	68.1 JT	307 JT
12674-11-2	Aroclor 1016	ug/kg	1.4 U	6.6 U	18 UJ	7.3 U	1.67 U	1.7 U	3.18 U	1.4 U	1.73 UJ	4.25 U	50.7 U	1.9 U	7.12 UJ	3.5 U	1.45 U	4.2 U
11104-28-2	Aroclor 1221	ug/kg	2.6 U	12 U	18 UJ	14 U	3.1 U	3.1 U	5.89 U	2.7 U	3.2 UJ	7.88 U	93.9 U	3.6 U	14.2 UJ	6.5 U	2.68 U	7.8 U
11141-16-5	Aroclor 1232	ug/kg	2.3 U	11 U	18 UJ	12 U	2.8 U	2.8 U	5.32 U	2.4 U	2.89 UJ	7.12 U	84.9 U	3.2 U	11.9 UJ	5.9 U	2.42 U	7 U
53469-21-9	Aroclor 1242	ug/kg	1.4 U	6.7 U	18 UJ	7.4 U	1.7 U	1.7 U	3.23 U	1.5 U	1.75 UJ	4.33 U	51.6 U	2 U	7.24 UJ	3.6 U	1.47 U	4.3 U
12672-29-6	Aroclor 1248	ug/kg	1.8 U	8.6 U	18 UJ	9.5 U	2.18 U	21	10.2	1.9 U	30.8 J	5.82 J	159 J	5.5 J	9.27 UJ	71 J	18.4 J	77 J
11097-69-1	Aroclor 1254	ug/kg	13	4 U	18 UJ	220	18.1	77	103	0.87 U	59 J	2.59 U	365 J	1.2 U	4.32 UJ	130 J	34.4	150 J
11096-82-5	Aroclor 1260	ug/kg	5.1	270 J	18 UJ	5.7 U	7.94 J	1.3 U	43.7	27	32.6 J	341 J	2610 J	13 J	5.55 UJ	69 J	15.3 J	80 J
37324-23-5	Aroclor 1262	ug/kg	1.3 U	6.1 U	18 UJ	6.8 U	1.56 U	1.5 U	2.97 U	1.3 U	1.61 UJ	3.97 U	47.4 U	1.8 U	6.65 UJ	3.3 U	1.35 U	3.9 U
11100-14-4	Aroclor 1268	ug/kg	1.1 UJ	5.3 U	18 UJ	5.8 U	1.34 U	3.3 UJ	2.55 U	2.9 UJ	1.38 UJ	3.41 U	40.7 U	3.8 UJ	5.71 UJ	2.8 U	1.16 U	8.4 UJ

Table 3-1. Round 2A Archived Surface Sediment PCB Congener Results and Associated PCB Aroclor Results.

		Location Name	G320	G327	G328	G332	G335	G339	G347	G351	G353-1	G355	G358	G360	G364	G371	G372-1	G373
		X_Easting	7625872.97	7626234	7627159.21	7626619.89	7626453.32	7626957.73	7629829.17	7627730.37	7627791.11	7627881.14	7628406.2	7628228.11	7633227.03	7628526.92	7632673.24	7630475.42
		Y_Northing	704516.67	704220.28	704176.3	704064.85	703893.8	703409.84	703079.71	702759.77	702594.55	702469.25	702158.02	702110.07	701939.74	701707.24	701613.33	701576.08
		Sample ID	LW2-G320	LW2-G327	LW2-G328	LW2-G332	LW2-G335	LW2-G339	LW2-G347	LW2-G351	LW2-G353-1	LW2-G355	LW2-G358	LW2-G360	LW2-G364	LW2-G371	LW2-G372-1	LW2-G373
		Sample Type Code	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		Parent Sample	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		Sample Date	09/14/2004	09/14/2004	08/23/2004	08/26/2004	09/14/2004	09/01/2004	10/11/2004	10/22/2004	08/23/2004	10/29/2004	08/23/2004	10/28/2004	10/08/2004	10/22/2004	08/24/2004	08/23/2004
		Depth Interval	0 - 23 cm	0 - 27 cm	0 - 27 cm	0 - 29 cm	0 - 26 cm	0 - 28 cm	0 - 24 cm	0 - 28 cm	0 - 26 cm	0 - 27 cm	0 - 28 cm	0 - 29 cm	0 - 27 cm	0 - 23 cm	0 - 29 cm	0 - 27 cm
CAS No	**Chemical Name**	**Unit**																
2051-60-7	PCB001	pg/g	34.8	422	1.68 U	5190 J	14.5	8.12	22.6 J	55.5	37.5	513	6.97	22.9	7.86	15.3	26.6	7.44
2051-61-8	PCB002	pg/g	13.1	69.5	1.68 U	235	8.44	10.8	38.6	25.5	33.4	99.6	12.1	9.95	10.6	6.49	13.9	11.8
2051-62-9	PCB003	pg/g	23.1	298	1.68 U	2950 J	15.4	10.9	19.5 J	58	50.3	414	7.79	20.6	11.2	18	18.1	8.02
PCB004_010	PCB004 & 010	pg/g	195	398	5.43	9300	49.9	29.1	46	189	115	1540	31.8	57.3	9.79	46.2	18.1	40.3
PCB005_008	PCB005 & 008	pg/g	623	1330	9.4	31100	143	64.2	90.9	779	406	5000	56	137	45.3	204	34.3	52.4
25569-80-6	PCB006	pg/g	126	353	3.37 U	10200	30.1	15.9	22.9	327	111	818	12.3	27.2	15.7	44.2	8.84	13.9
PCB007_009	PCB007 & 009	pg/g	63.1	147	3.37 U	1800	19.1	7.78	10.9	74.7	35.4	522	5.12	11.3	5.25	11.9	4.95 U	5.05
2050-67-1	PCB011	pg/g	48.6	37.1	20.5 U	595	46.7	112	247	200	205	168	222	153	16.6	83.7	49.3	202
PCB012_013	PCB012 & 013	pg/g	47.9	103	3.37 U	1940	20.4	14.8	18.4	160	66	474	9.39	27	9.13	29.7	4.95 U	7.51
34883-41-5	PCB014	pg/g	12.7 U	5.04 U	3.37 U	25 U	3.34 U	4.9 U	4.95 U	5 U	4.85 U	24.8 U	3.32 U	4.95 U	4.92 U	5.09 U	4.95 U	4.94 U
2050-68-2	PCB015	pg/g	319	483	8.64	13800	205	81.6	135	413 J	392	5430	74.4	196	25.5	178 J	30.9	42.8
PCB016_032	PCB016 & 032	pg/g	621	1110	14.8	6090	253	134	109	1040	1240	7540	72.8	663	74	503	81.1	50.7
37680-66-3	PCB017	pg/g	375	803	10.6	4640	124	68	71.7	730	569	5340	53.6	293	57	275	36.1	44.8
37680-65-2	PCB018	pg/g	569	1940	21.4	12900	384	174	165	1100	1610	13400	111	847	119	968	42.9	76.7
38444-73-4	PCB019	pg/g	95.8	152	7.62	535	46.1	25.9	70.5	154	165	1110	38.7	90	11.1	66.5	21.6	61.5
PCB020_021_033	PCB020 & 021 & 033	pg/g	801	1650	15.3	3080	218	146	133	1570	1020	8130	95.7	400	170	705	32.8	54.9
38444-85-8	PCB022	pg/g	476	925	9.81	2830	204	131	92.9	988	911	5910	67.6	468	57.8	490	22.7	40.6
55720-44-0	PCB023	pg/g	12.7 U	12.6 U	1.68 U	8.95 J	1.67 U	2.45 U	2.48 U	6.32	7.1	40.5	1.66 U	2.48 U	2.46 U	2.55 U	2.48 U	2.47 U
PCB024_027	PCB024 & 027	pg/g	70.4	111	2.32	611	35.6	14.7	18.8	104	107	749	12	62	5.82	38.6	5.46	12.2
55712-37-3	PCB025	pg/g	135	449	4.71	11300	37	30.8	26.4	826	262	1490	20.5	66.7	30.3	150	7.21	13.3
38444-81-4	PCB026	pg/g	212	710	7.36	12100	75.8	50.5	42	881	370	2590	30.9	147	84.9	156	10.7	21.2
7012-37-5	PCB028	pg/g	1450	2720	35.5	14300	553	441	315	3310	3250	24400	233	1740	329	1600	120	138
15862-07-4	PCB029	pg/g	10	10.9 J	1.68 U	4.28 J	2.94	2.45 U	2.48 U	11.9	10.4	99.6	1.66 U	2.83	2.46 U	2.55 U	2.48 U	2.47 U
35693-92-6	PCB030	pg/g	12.7 U	12.6 U	1.68 U	12.5 U	1.67 U	2.45 U	2.48 U	2.5 U	3.34	12.4 U	1.66 U	2.48 U	2.46 U	2.55 U	2.48 U	2.47 U
16606-02-3	PCB031	pg/g	1160	2650	27.8	16400	411	347	228	3170	2260	17900	168	1250	205	1470	58.8	104
37680-68-5	PCB034	pg/g	11.8	28.5	1.68 U	249	1.67 U	3.44	2.48 U	42	28.8	197	1.66 U	7.69	5.3	8.99	2.48 U	2.47 U
37680-69-6	PCB035	pg/g	21	32.4	1.68 U	307	13.3	8.96	8.85	77.4	30.6	267	5.78	14.9	5.62	13.5	2.48 U	4.57
38444-87-0	PCB036	pg/g	12.7 U	12.6 U	1.68 U	24.4	1.67 U	2.45 U	2.48 U	4.6	6.68	21.3	1.66 U	2.48 U	2.46 U	2.55 U	2.48 U	2.47 U
38444-90-5	PCB037	pg/g	386	545	10.1	1140	297	141	144	838	717	5470	83.1	504	46.3	365	25.4	46.5
53555-66-1	PCB038	pg/g	7.39	32	1.68 U	156	4.86	5.9	5.09	27.9	43.5	304	3.12	25.8	9.17	12.3	7.05	3.2
38444-88-1	PCB039	pg/g	4.65	15.1	1.68 U	84.8	1.67 U	2.45 U	2.48 U	12.5	10.3	35.5	1.66 U	3.5	4.08	3.71	2.48 U	2.47 U
38444-93-8	PCB040	pg/g	273	558	4.69	2540	157	163	80.9	741	1470	7540	49.2	477	61.9	273	24.4	24.1
PCB041_064_071_	PCB041 & 064 &071 &072	pg/g	1390	3230	46.7	13800	786	852	403	3880	7350	35600	268	3300	538	1580	239	158
PCB042_059	PCB042 & 059	pg/g	497	1140	18.2	6300	280	288	143	1390	2540	11400	99.1	1680	175	745	55.7	49.4
PCB043_049	PCB043 & 049	pg/g	1220	4950	80.6	25800	546	796	491	3760	5900	31800	301	3690	1110	1760	368	206
41464-39-5	PCB044	pg/g	1580	5390	58.1	19100	787	1140	623	4540	8120	42500	315	5470	727	2540	334	191
70362-45-7	PCB045	pg/g	241	442	6.7	2230	152	113	74.3	640	1190	6480	38.1	802	41.5	404	14.4	18.2
41464-47-5	PCB046	pg/g	99.8	199	4.13	949	61.9	50.3	37.9	273	507	2790	18.4	357	21.2	181	20	10.3
2437-79-8	PCB047	pg/g	427	1860	67.3	8040	242	293	258	1610	2360	14500	159	1500	438	675	348	145
PCB048_075	PCB048 & 075	pg/g	337	534	11.1	1040	117	152	83.6	762	1410	8100	52.2	880	74.9	461	41.4	28.4
62796-65-0	PCB050	pg/g	4.76	10.5	1.68 U	89.2	1.67 U	2.72	4.26	16.7	21.2	124	2.68	11.9	2.46 U	7.03	2.48 U	3.5
68194-04-7	PCB051	pg/g	61.1	140	21.4	881	45.2	44.5	64	216	377	2250	32.4	258	25.3	125	167	41.9
PCB052_069	PCB052 & 069	pg/g	1730	9080	106	28500	893	1420	991	5040	7570	42800	400	5410	1550	2570	696	331
41464-41-9	PCB053	pg/g	217	503	27.4	2160	144	132	132	625	1150	6230	64.5	824	63.5	412	94	61.6
15968-05-5	PCB054	pg/g	3.89	6.25	3.25	28.9	1.67 U	3.86	13.5	13	17.8	72.5	7.2	11.5	2.46 U	7.25	11.1	13.7
74338-24-2	PCB055	pg/g	14.2	55.2	1.68 U	84.8	1.67 U	13.6	10	58.7	68.7	437	4.6	47.8	18.2	28.7	5.81	4.15
PCB056_060	PCB056 & 060	pg/g	751	1830	22.5	2570	425	668	275	2630	4590	23700	185	3400	274	1600	72.7	95.3
70424-67-8	PCB057	pg/g	7.27	35.8	1.68 U	140	3.05	4.03	2.87	33.9	29.9	162	1.7	14.7	9.92	8.95	2.48 U	2.47 U
41464-49-7	PCB058	pg/g	6.36	23.2	1.68 U	119	1.42	2.74	2.48 U	19.5	18.8	88.5	1.66 U	8.55	11.1	5.58	2.48 U	2.47 U

Table 3-1. Round 2A Archived Surface Sediment PCB Congener Results and Associated PCB Aroclor Results.

		Location Name	G320	G327	G328	G332	G335	G339	G347	G351	G353-1	G355	G358	G360	G364	G371	G372-1	G373
		X_Easting	7625872.97	7626234	7627159.21	7626619.89	7626453.32	7626957.73	7629829.17	7627730.37	7627791.11	7627881.14	7628406.2	7628228.11	7633227.03	7628526.92	7632673.24	7630475.42
		Y_Northing	704516.67	704220.28	704176.3	704064.85	703893.8	703409.84	703079.71	702759.77	702594.55	702469.25	702158.02	702110.07	701939.74	701707.24	701613.33	701576.08
		Sample ID	LW2-G320	LW2-G327	LW2-G328	LW2-G332	LW2-G335	LW2-G339	LW2-G347	LW2-G351	LW2-G353-1	LW2-G355	LW2-G358	LW2-G360	LW2-G364	LW2-G371	LW2-G372-1	LW2-G373
		Sample Type Code	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		Parent Sample	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		Sample Date	09/14/2004	09/14/2004	08/23/2004	08/26/2004	09/14/2004	09/01/2004	10/11/2004	10/22/2004	08/23/2004	10/29/2004	08/23/2004	10/28/2004	10/08/2004	10/22/2004	08/24/2004	08/23/2004
		Depth Interval	0 - 23 cm	0 - 27 cm	0 - 27 cm	0 - 29 cm	0 - 26 cm	0 - 28 cm	0 - 24 cm	0 - 28 cm	0 - 26 cm	0 - 27 cm	0 - 28 cm	0 - 29 cm	0 - 27 cm	0 - 23 cm	0 - 29 cm	0 - 27 cm
PCB061_070	PCB061 & 070	pg/g	1210	6210	52.6	10700	546	1120	664	4250	5050	38800	350	4740	1110	2560	341	254
54230-22-7	PCB062	pg/g	2.53 U	2.52 U	1.68 U	12.5 U	1.67 U	2.45 U	2.48 U	7.27	10	125	1.66 U	2.48 U	2.46 U	2.55 U	2.48 U	2.47 U
74472-34-7	PCB063	pg/g	50.1	159	1.72	366	16.2	37	17.9	195	265	1370	11.4	149	25.8	89.1	7.89	6.57
33284-54-7	PCB065	pg/g	2.53 U	2.52 U	1.68 U	14.4	1.67 U	2.45 U	2.48 U	7.77	13.6	100	1.66 U	2.48 U	2.46 U	2.55 U	2.48 U	2.47 U
PCB066_076	PCB066 & 076	pg/g	1160	3930	42.2	5590	524	957	455	3630	6410	32600	300	4520	696	2060	156	176
73575-53-8	PCB067	pg/g	48.8	141	1.7	361	16.7	22.8	12.5	222	154	845	8.99	83.9	14.6	52.3	3.76	5.68
73575-52-7	PCB068	pg/g	12.6	94.3	1.68 U	444	4.54	5.3	4.83	47.7	36.5	206	4.74	8.99	41.8	8.89	12.1	3.94
74338-23-1	PCB073	pg/g	37.5	2.52 U	2.29	12.5 U	1.67 U	24.9	2.48 U	2.5 U	152	1050	5.51	101	26.1	2.55 U	26.4	3.19
32690-93-0	PCB074	pg/g	458	1530	19	1310	254	484	208	1560	3040	18100	142	2040	258	1150	84.4	84.7
32598-13-3	PCB077	pg/g	118	225	4.75	476	71.3	136	61.9	462	647	3060	37.3	445	30.3	198	18.3	22
70362-49-1	PCB078	pg/g	2.53 U	24.5	1.68 U	12.5 U	1.67 U	2.45 U	2.48 U	2.5 U	2.43 U	13.5	1.66 U	2.48 U	7.8	2.55 U	3.07	2.47 U
41464-48-6	PCB079	pg/g	14.3	131	1.68 U	143	7.37	18.6	14.1	46.9	58.8	355	5.67	44	71.1	14.7	12.9	6.19
33284-52-5	PCB080	pg/g	2.53 U	2.52 U	1.68 U	12.5 U	1.67 U	2.45 U	2.48 U	2.5 U	2.43 U	12.4 U	1.66 U	2.48 U	2.46 U	2.55 U	2.48 U	2.47 U
70362-50-4	PCB081	pg/g	4.24	55.2	0.245 J	2.43 J	4.65	6.76	6.03	16.1	15.9	59.7	1.14 J	22.1	2.4 J	9.56	16.1	1.59 J
52663-62-4	PCB082	pg/g	225	1050	7.99	345	112	287	201	662	1130	6660	60.5	955	166	331	102	44.4
60145-20-2	PCB083	pg/g	2.53 U	2.52 U	1.68 U	12.5 U	1.67 U	2.45 U	2.48 U	8	14.9	190	1.66 U	6.9	2.46 U	2.55 U	2.48 U	2.47 U
PCB084_092	PCB084 & 092	pg/g	849	5830	53.8	9700	468	937	776	2050	2470	15600	218	2270	1810	889	563	207
PCB085_116	PCB085 & 116	pg/g	308	1430	13.5	600	173	384	252	879	1440	8190	90.4	1110	285	350	164	81.8
55312-69-1	PCB086	pg/g	14.1	155	1.68 U	12.5 U	5.9	14.2	6.41	30.9	102	712	8.79	68.7	7.6	21.4	3.26	2.47 U
PCB087_117_125	PCB087 & 117 & 125	pg/g	678	4340	32.5	1160	369	883	661	1640	2350	15800	180	2160	734	658	509	187
PCB088_091	PCB088 & 091	pg/g	271	1710	30.6	3200	142	312	289	726	1110	7190	90.8	963	568	354	207	99.3
73575-57-2	PCB089	pg/g	27.1	81.5	1.68 U	160	17.8	31.5	17.5	94.3	181	1200	6.03	155	13.3	55.6	8.06	3.91
PCB090_101	PCB090 & 101	pg/g	2000	12900	152	9730	1600	2130	1760	4100	4730	31600	553	4680	4870	2040	1500	598
73575-56-1	PCB093	pg/g	2.53 U	2.52 U	1.68 U	12.5 U	1.67 U	2.45 U	2.48 U	2.5 U	2.43 U	12.4 U	1.66 U	2.48 U	2.46 U	2.55 U	2.48 U	2.47 U
73575-55-0	PCB094	pg/g	7.97	42.9	3.61	109	5.96	11.9	13.4	29.6	52.7	353	5.5	43.2	9.06	17.9	19.4	9.09
PCB095_098_102	PCB095 & 098 & 102	pg/g	1570	9820	143	11900	1330	1650	1510	3200	4060	26100	409	3980	3300	1830	1130	430
73575-54-9	PCB096	pg/g	19.3	73.3	3.3	184	11.2	15.8	13.7	58.2	107	622	7.63	39.7	13.9	19	2.48 U	8.93
41464-51-1	PCB097	pg/g	568	3790	25.2	2240	249	667	495	1320	2020	12400	147	1810	672	569	366	136
38380-01-7	PCB099	pg/g	788	6080	55.2	5860	341	899	723	2040	2770	20200	255	2350	2130	750	552	239
39485-83-1	PCB100	pg/g	8.97	72.9	5.33	274	5.58	10.4	27.9	45.5	46.3	364	11.9	24.2	57	11.7	38.6	16.5
60145-21-3	PCB103	pg/g	28.9	185	5.99	765	11.1	18.8	2.48 U	62	58.4	295	14.1	45.2	176	20	26	17.7
56558-16-8	PCB104	pg/g	2.53 U	2.52 U	1.68 U	4.71 J	1.67 U	2.45 U	2.25 J	2.5 U	2.43 U	13.9	1.66 U	2.48 U	2.46 U	2.55 U	2.68	2.47 U
32598-14-4	PCB105	pg/g	475	3120	22.7	485	236	748	532	1380	2210	14200	169	1820	471	629	343	157
PCB106_118	PCB106 & 118	pg/g	1410	10300	76.7	4940	565	1770	1350	3190	4440	26800	459	3640	2200	1330	1020	479
PCB107_109	PCB107 & 109	pg/g	125	759	7.19	1080	43.7	137	110	374	396	2190	40.7	324	306	107	79.1	36
PCB108_112	PCB108 & 112	pg/g	91.3	548	4.74	984	43.2	106	79.8	260	341	2120	23.5	296	126	98	57.3	21.9
38380-03-9	PCB110	pg/g	2050	14200	132	16200	1400	2360	2010	4660	5890	34400	596	5610	3730	2120	1620	619
PCB111_115	PCB111 & 115	pg/g	29	340	1.68 U	56.1	18.3	45.2	33.7	97	169	1410	9.54	119	38.8	38.4	25.1	9.24
68194-10-5	PCB113	pg/g	15.5	184	1.68 U	352	6.8	5.91	6.91	27.1	28.1	158	2.15	30.3	80	6.18	7.6	3.8
74472-37-0	PCB114	pg/g	29.3	180	1.21 J	20.2	15.4 U	47.3	30.6	105	179	1580	8.09	119	18.3	40.7	17.7	8.1
56558-17-9	PCB119	pg/g	49.5	395	5.99	1310	20.1	42.4	46.7	119	132	621	18.9	111	230	36.7	41.8	21.5
68194-12-7	PCB120	pg/g	3.77	13.4	1.68 U	150	6.61	3.66	4.15	7.46	5.8	12.4 U	1.66 U	7.56	21.5	4.64	2.48 U	2.47 U
56558-18-0	PCB121	pg/g	2.53 U	2.52 U	1.68 U	12.5 U	1.67 U	2.45 U	2.48 U	2.5 U	2.43 U	12.4 U	1.66 U	2.48 U	4.33	2.55 U	2.48 U	2.47 U
76842-07-4	PCB122	pg/g	17.9	90.4	1.68 U	19.5	11.8	28.3	18.5	62.5	97.5	166	6.18	76.9	21.8	27.3	9.36	4.61
65510-44-3	PCB123	pg/g	20.5	192	1.19 J	38.2	12.9	37	22.2	66.7	122	736	8.71	82.6	23	29.7	12.1	7.28
70424-70-3	PCB124	pg/g	65.6	322	3.04	56.3	32.5	78.7	60.9	133	178	1030	19.9	148	59	56.9	38.6	16.4
57465-28-8	PCB126	pg/g	7.11	30.4	0.705 J	17.4	5.55	19.3	11.1	28.6	28.1	286	3.71	23.3	10.4	15.1	6.06	3.39
39635-33-1	PCB127	pg/g	2.53 U	2.52 U	1.68 U	219	1.67 U	2.45 U	2.48 U	2.5 U	2.43 U	12.4 U	1.66 U	2.48 U	2.46 U	2.55 U	2.48 U	2.47 U
PCB128_162	PCB128 & 162	pg/g	266	1660	17.1	746	226	338	390	507	446	2880	92.9	464	560	229	228	90.8
55215-18-4	PCB129	pg/g	73.3	454	4.38	143	62	107	99.2	137	146	1250	22.2	147	114	66.8	75.4	24.1

Table 3-1. Round 2A Archived Surface Sediment PCB Congener Results and Associated PCB Aroclor Results.

		Location Name	G320	G327	G328	G332	G335	G339	G347	G351	G353-1	G355	G358	G360	G364	G371	G372-1	G373
		X_Easting	7625872.97	7626234	7627159.21	7626619.89	7626453.32	7626957.73	7629829.17	7627730.37	7627791.11	7627881.14	7628406.2	7628228.11	7633227.03	7628526.92	7632673.24	7630475.42
		Y_Northing	704516.67	704220.28	704176.3	704064.85	703893.8	703409.84	703079.71	702759.77	702594.55	702469.25	702158.02	702110.07	701939.74	701707.24	701613.33	701576.08
		Sample ID	LW2-G320	LW2-G327	LW2-G328	LW2-G332	LW2-G335	LW2-G339	LW2-G347	LW2-G351	LW2-G353-1	LW2-G355	LW2-G358	LW2-G360	LW2-G364	LW2-G371	LW2-G372-1	LW2-G373
		Sample Type Code	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		Parent Sample	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		Sample Date	09/14/2004	09/14/2004	08/23/2004	08/26/2004	09/14/2004	09/01/2004	10/11/2004	10/22/2004	08/23/2004	10/29/2004	08/23/2004	10/28/2004	10/08/2004	10/22/2004	08/24/2004	08/23/2004
		Depth Interval	0 - 23 cm	0 - 27 cm	0 - 27 cm	0 - 29 cm	0 - 26 cm	0 - 28 cm	0 - 24 cm	0 - 28 cm	0 - 26 cm	0 - 27 cm	0 - 28 cm	0 - 29 cm	0 - 27 cm	0 - 23 cm	0 - 29 cm	0 - 27 cm
52663-66-8	PCB130	pg/g	126	597	9.49	1140	138	143	133	264	190	3080	32.6	82.1	409	108	116	49.5
61798-70-7	PCB131	pg/g	2.53 U	2.52 U	1.68 U	8.86 J	6.28	4.14	2.48 U	84.1	71	2770	1.66 U	7.1	2.46 U	2.55 U	2.48 U	2.47 U
PCB132_161	PCB132 & 161	pg/g	635	3280	48.4	3690	853	595	714	1090	865	5330	181	1030	1790	668	437	180
PCB133_142	PCB133 & 142	pg/g	55.4	421	5.27	820	67.7	65.9	79.5	181	113	805	24.2	103	314	59.4	50.3	21.7
PCB134_143	PCB134 & 143	pg/g	103	595	9.13	796	138	119	131	223	183	1380	35.1	187	293	119	85.6	34.3
52744-13-5	PCB135	pg/g	328	1740	32.4	3670	533	256	336	644	407	2080	110	535	1360	347	290	126
38411-22-2	PCB136	pg/g	346	1580	37.9	2340	597	253	333	537	411	2040	105	533	1190	379	251	123
35694-06-5	PCB137	pg/g	71.7	548	4.48	171	42.2	113	115	258	243	1700	24.8	154	120	54.6	69.9	24.3
PCB138_163_164	PCB138 & 163 & 164	pg/g	2150	10300	172	8610	3220	2030	2400	3800	3100	17700	708	3580	6300	2560	1560	765
PCB139_149	PCB139 & 149	pg/g	1960	8760	189	13400	3660	1490	1960	3230	2500	15100	642	3340	6950	2330	1720	744
59291-64-4	PCB140	pg/g	13.4	62.7	1.68 U	393	13.2	13.6	15	26.3	23.6	171	5.91	9.78	119	9.21	21.6	6.98
52712-04-6	PCB141	pg/g	442	1800	35.2	831	846	378	438	647	631	3930	137	780	1140	623	260	147
68194-14-9	PCB144	pg/g	112	456	9.24	227	251	84.7	94.1	209	172	1460	31.3	200	291	159	83.2	34.9
74472-40-5	PCB145	pg/g	2.53 U	4.09	1.68 U	4.14 J	1.67 U	2.45 U	2.48 U	10.1	7.1	172	1.66 U	2.48 U	2.46 U	2.55 U	2.48 U	2.47 U
PCB146_165	PCB146 & 165	pg/g	360	2100	33.4	4080	472	288	420	938	505	2810	140	548	1960	368	253	129
68194-13-8	PCB147	pg/g	32.3	219	6.06	416	24.9	50	62.5	183	164	2080	21.6	64.7	122	25.7	83.8	30.8
74472-41-6	PCB148	pg/g	5.29	63.5	1.68 U	203	5.96	4.16	6.77	17.2	11.4	63.9	3.88	6.04	79.2	3.03	10.2	3.55
68194-08-1	PCB150	pg/g	3.65	34.8	1.68 U	112	2.65	3.77	7.88	11	8.82	60.1	3.43	6.43	47.4	2.98	9.05	5.49
52663-63-5	PCB151	pg/g	585	2310	59.5	4120	1200	361	601	1010	719	3550	194	956	2080	755	414	231
68194-09-2	PCB152	pg/g	2.53 U	9.71	1.68 U	14.2	1.67 U	2.71	3.54	12.7	9.4	134	1.66 U	4.5	2.46 U	2.55 U	5.62	2.47 U
35065-27-1	PCB153	pg/g	2190	10100	187	10600	3580	1670	2300	3700	2830	14500	749	3420	8010	2740	1350	769
60145-22-4	PCB154	pg/g	34.3	322	5.14	1230	25.8	26.9	49.2	86	65.5	403	19.5	48.1	388	19.9	52.6	22.6
33979-03-2	PCB155	pg/g	2.53 U	2.52 U	1.68 U	9.02 J	1.67 U	2.45 U	2.48 U	2.5 U	2.43 U	18.1	1.66 U	2.48 U	2.46 U	2.55 U	2.48 U	2.47 U
38380-08-4	PCB156	pg/g	166	1080	10.6	405	160	199	193	302	302	2170	57.2	303	393	132	145	60.8
69782-90-7	PCB157	pg/g	27.3	223	2.06	78.8	17.9	46.9	60.2	66.5	64.2	531	12.6	61.6	45.6	26.5	30.7	12.3
PCB158_160	PCB158 & 160	pg/g	192	997	15	450	316	239	236	359	345	2750	63.4	385	361	251	180	73.3
39635-35-3	PCB159	pg/g	25.3	93.9	2.31	235	42.4	17.1	71.7	56.1	42	219	11.6	38.1	153	30.6	11.7	10.5
41411-63-6	PCB166	pg/g	5.38	39.1	1.68 U	17.9	7.53	11.9	8.63	71.8	69	3370	1.94	18.3	7.55	5.75	5.06	2.47 U
52663-72-6	PCB167	pg/g	63.7	389	4.89	203	78.8	88.2	91.3	134	119	820	24.6	127	153	75.9	55.7	26.3
59291-65-5	PCB168	pg/g	6.17	11.6	1.68 U	43.3	10.2	3.24	3.65	6.13	5.56	93	1.66 U	4.72	18.3	2.55 U	4.44	2.47 U
32774-16-6	PCB169	pg/g	0.479 U	1.22 U	0.332 U	1.46 U	2.01 U	1.23 U	1.44 U	2.68 U	10.6	95.1	0.591 U	3.3 U	0.885 U	1.63 U	0.541 U	0.676 U
35065-30-6	PCB170	pg/g	659	2450	45.2	3060	1150	436	891	1220	1010	6320	228	1080	2300	606	303	241
52663-71-5	PCB171	pg/g	194	734	13	1050	348	122	251	414	300	2220	65.4	312	695	209	83.1	61.7
52663-74-8	PCB172	pg/g	113	418	7.96	657	189	72.5	182	237	172	841	40.9	183	393	116	46.3	41.6
68194-16-1	PCB173	pg/g	16.3	54.9	1.68 U	75.3	36	14.6	19.2	102	78.1	1850	5.61	31.8	48.2	18.6	7.89	5.42
38411-25-5	PCB174	pg/g	775	2920	56	4020	1360	443	1320	1450	1120	7090	228	1190	2670	817	292	278
40186-70-7	PCB175	pg/g	28.9	281	2.43	240	63.1	20.6	46.9	95	67.3	505	9.08	49.9	145	36.7	16.4	10.9
52663-65-7	PCB176	pg/g	106	382	7.1	727	203	56.1	147	214	163	300	28.3	67.4	377	117	45.3	36.4
52663-70-4	PCB177	pg/g	441	1550	33.4	3560	773	264	712	869	606	2520	161	694	1560	470	182	150
52663-67-9	PCB178	pg/g	154	664	13.1	1500	265	88.6	311	347	242	951	58.4	231	656	163	76.2	65.8
52663-64-6	PCB179	pg/g	372	1430	28.4	2670	643	191	742	643	466	1630	124	513	1380	386	160	140
35065-29-3	PCB180	pg/g	1720	6610	117	7850	2840	939	3330	2820	2290	9610	562	2630	5950	1640	671	600
74472-47-2	PCB181	pg/g	32	225	1.68 U	122	59.6	26.1	2.48 U	722	655	17300	9.84	45.6	183	8.22	4.22	11.1
PCB182_187	PCB182 & 187	pg/g	1020	3850	76.5	7750	1630	514	2320	1850	1350	4970	348	1440	3690	1000	463	389
52663-69-1	PCB183	pg/g	444	1640	30.8	2300	829	240	772	845	659	3440	139	676	1580	485	212	158
74472-48-3	PCB184	pg/g	2.53 U	2.92	1.68 U	14.4	2.27	2.45 U	2.48 U	14.6	10.3	234	1.66 U	2.48 U	2.78	2.55 U	2.48 U	2.47 U
52712-05-7	PCB185	pg/g	92.5	351	6.23	382	186	55	198	344	256	5710	31.4	149	272	99	28.9	30.4
74472-49-4	PCB186	pg/g	2.53 U	2.52 U	1.68 U	7.18 J	2.35	2.45 U	2.48 U	29.5	25	597	1.66 U	2.48 U	2.46 U	2.55 U	2.48 U	2.47 U
74487-85-7	PCB188	pg/g	2.53 U	9.04	1.68 U	20.2	1.77	2.45 U	3.92	7.59	7.5	78.7	1.66 U	2.48 U	10.2	2.55 U	2.48 U	2.47 U
39635-31-9	PCB189	pg/g	21.7	84.5	1.88 U	113	41.7	18.8	29.1	54.3	50.6	441	8.25	40.1	82.2	20.4	12.3	9.24

Table 3-1. Round 2A Archived Surface Sediment PCB Congener Results and Associated PCB Aroclor Results.

		Location Name	G320	G327	G328	G332	G335	G339	G347	G351	G353-1	G355	G358	G360	G364	G371	G372-1	G373
		X_Easting	7625872.97	7626234	7627159.21	7626619.89	7626453.32	7626957.73	7629829.17	7627730.37	7627791.11	7627881.14	7628406.2	7628228.11	7633227.03	7628526.92	7632673.24	7630475.42
		Y_Northing	704516.67	704220.28	704176.3	704064.85	703893.8	703409.84	703079.71	702759.77	702594.55	702469.25	702158.02	702110.07	701939.74	701707.24	701613.33	701576.08
		Sample ID	LW2-G320	LW2-G327	LW2-G328	LW2-G332	LW2-G335	LW2-G339	LW2-G347	LW2-G351	LW2-G353-1	LW2-G355	LW2-G358	LW2-G360	LW2-G364	LW2-G371	LW2-G372-1	LW2-G373
		Sample Type Code	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		Parent Sample	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		Sample Date	09/14/2004	09/14/2004	08/23/2004	08/26/2004	09/14/2004	09/01/2004	10/11/2004	10/22/2004	08/23/2004	10/29/2004	08/23/2004	10/28/2004	10/08/2004	10/22/2004	08/24/2004	08/23/2004
		Depth Interval	0 - 23 cm	0 - 27 cm	0 - 27 cm	0 - 29 cm	0 - 26 cm	0 - 28 cm	0 - 24 cm	0 - 28 cm	0 - 26 cm	0 - 27 cm	0 - 28 cm	0 - 29 cm	0 - 27 cm	0 - 23 cm	0 - 29 cm	0 - 27 cm
41411-64-7	PCB190	pg/g	133	454	9.7	664	249	91.2	198	344	280	4180	51.9	236	414	125	60.4	48.9
74472-50-7	PCB191	pg/g	23.9	91.4	1.81	116	46.7	15.8	30.4	49.6	43.9	316	6.59	40.7	76.7	26.7	12	9.38
74472-51-8	PCB192	pg/g	2.53 U	2.52 U	1.68 U	12.5 U	1.67 U	2.45 U	2.48 U	2.5 U	2.43 U	127	1.66 U	2.48 U	2.46 U	2.55 U	2.48 U	2.47 U
69782-91-8	PCB193	pg/g	76.3	278	5.86	535	135	44.7	129	156	113	554	26.7	119	283	73	34.4	29.2
35694-08-7	PCB194	pg/g	392	1770	23.7	2340	439	224	1550	759	617	3700	136	607	1270	257	119	125
52663-78-2	PCB195	pg/g	168	739	10.1	1150	244	106	502	795	622	11800	57.4	284	593	117	47.5	53.1
PCB196_203	PCB196 & 203	pg/g	441	2050	31.2	2620	606	232	1790	1320	1150	17600	137	701	1450	302	183	158
33091-17-7	PCB197	pg/g	14.5	77.7	1.68 U	117	24.1	9.28	46.2	87.6	67.7	1260	4.91	24.8	53	11.9	5.82	5.02
68194-17-2	PCB198	pg/g	34.3	266	1.68 U	142	38.3	14.1	170	148	134	1850	11	38.5	157	15.4	7.69	14.1
52663-75-9	PCB199	pg/g	394	1890	30.1	2620	517	194	1630	835	652	5170	120	605	1280	281	162	134
52663-73-7	PCB200	pg/g	55.3	276	3.82	363	78.7	29.6	205	262	203	4090	16	82.6	172	37.6	19	16.7
40186-71-8	PCB201	pg/g	54	324	3.74	414	72.4	30.8	253	181	144	1420	20.3	83.6	194	43.7	19.1	18.6
2136-99-4	PCB202	pg/g	83.1	532	6.41	614	108	53.3	475	306	214	1670	37.3	136	315	71.8	29.6	31.1
74472-52-9	PCB204	pg/g	2.53 U	2.52 U	1.68 U	10.8	2.69	2.45 U	2.48 U	45.5	37.5	961	1.66 U	3.1	2.46 U	2.55 U	2.48 U	2.47 U
74472-53-0	PCB205	pg/g	18.3	73.1	1.68 U	113	27.5	11.7	46.1	77.8	63.2	1260	5.26	29.6	53.2	11.4	5.78	5.15
40186-72-9	PCB206	pg/g	195	1550	12.7	1240	414	187	1090	1230	1070	20800	107	505	1120	187	59.9	67.1
52663-79-3	PCB207	pg/g	20	152	1.68 U	189	38.6	28.4	117	424	377	9480	12	53.6	98.2	20.6	6.8	7.52
52663-77-1	PCB208	pg/g	43.1	400	4.03	306	72.6	41.7	219	369	359	7410	32.2	116	365	54.2	16	18.6
2051-24-3	PCB209	pg/g	184	1140	9.91	1260	716	179	193	2070	1890	40000	105	536	1600	173	33.8	76.7
27323-18-8	Monochlorobiphenyl	pg/g	71	790	1.68 U	8380	38.4	29.8	80.8	139	121	1030	26.9	53.5	29.6	39.8	58.6	27.3
25512-42-9	Dichlorobiphenyl	pg/g	1420	2850	43.9	68800	514	325	572	2140	1330	14000	411	609	127	598	141	364
25323-68-6	Trichlorobiphenyl	pg/g	6410	13900	167	86800	2660	1720	1430	14900	12600	95100	995	6590	1210	6820	472	672
26914-33-0	Tetrachlorobiphenyl	pg/g	12000	42500	602	134000	6090	8950	5130	36700	60500	333000	2860	40300	7420	19500	3170	1950
25429-29-2	Pentachlorobiphenyl	pg/g	11800	78200	787	72100	7240	13700	11100	27500	36900	233000	3420	33100	22200	12500	8470	3470
26601-64-9	Hexachlorobiphenyl	pg/g	10400	50300	901	59300	16600	9000	11300	18800	14800	95500	3450	17100	34800	12100	7860	3740
28655-71-2	Heptachlorobiphenyl	pg/g	6420	24500	457	37400	11100	3650	11600	12800	9960	71800	2130	9720	22800	6410	2710	2320
55722-26-4	Octachlorobiphenyl	pg/g	1660	8000	109	10500	2160	906	6660	4820	3900	50800	546	2600	5530	1150	599	561
53742-07-7	Nonachlorobiphenyl	pg/g	258	2110	16.8	1730	525	257	1420	2030	1800	37700	151	675	1580	262	82.7	93.2
1336-36-3	Polychlorinated biphenyls	pg/g	50600	224000	3090	480000	47600	38700	49500	122000	144000	972000	14100	111000	97200	59600	23600	13200
12767-79-2	Total PCB Aroclors	ug/kg	38.1 JT	246 JT	2.1 JT	41.9 UJT	5.91 T	71.6 T	62.3 JT	309 JT	78 UJT	1000 UT	9 T	151 JT	148 JT	84.8 JT	179 JT	15.1 JT
12674-11-2	Aroclor 1016	ug/kg	1.35 U	2.89 U	1.4 U	41.9 UJ	5.13 UJ	3.54 UJ	2.19 U	11.2 UJ	39 U	541 U	2.3 U	1.85 UJ	1.51 U	2.91 U	5.2 UT	2.4 U
11104-28-2	Aroclor 1221	ug/kg	2.71 U	5.36 U	2.6 U	41.9 UJ	5.13 UJ	40.1	4.05 U	11.2 UJ	72 U	1000 U	4.2 U	3.43 UJ	2.79 U	5.39 U	9.5 UT	4.4 U
11141-16-5	Aroclor 1232	ug/kg	2.26 U	4.84 U	2.3 U	41.9 UJ	5.13 UJ	3.54 UJ	3.65 U	11.2 UJ	68 U	905 U	3.8 U	3.1 UJ	2.52 U	4.87 U	8.6 UT	4 U
53469-21-9	Aroclor 1242	ug/kg	1.38 U	2.94 U	1.4 U	41.9 UJ	5.13 UJ	3.54 UJ	2.22 U	11.2 UJ	40 U	550 U	2.3 U	1.88 UJ	1.53 U	2.96 U	5.2 UT	2.4 U
12672-29-6	Aroclor 1248	ug/kg	11.4 J	50.6	1.8 U	41.9 UJ	5.13 UJ	20.7	9.26 J	211 J	51 U	705 U	3 U	116 J	8.5 J	56.9 J	6.7 UT	3.1 U
11097-69-1	Aroclor 1254	ug/kg	17.1	112	2.1 J	41.9 UJ	5.13 UJ	3.54 UJ	24.4	75.8 J	78 UJ	329 U	1.4 U	3.71 UJ	77 J	21 J	133 T	8 J
11096-82-5	Aroclor 1260	ug/kg	9.58	71.9	1.1 U	41.9 UJ	5.91	10.8	28.6 J	21.7 J	78 UJ	422 U	9	34.8 J	62.5 J	6.86	45.5 JT	7.1 J
37324-23-5	Aroclor 1262	ug/kg	1.26 U	2.7 U	1.3 U	41.9 UJ	5.13 UJ	3.54 UJ	2.04 U	11.2 UJ	36 U	505 U	2.1 U	1.73 UJ	1.41 U	2.72 U	4.8 UT	2.2 U
11100-14-4	Aroclor 1268	ug/kg	1.08 U	11.2 J	2.8 UJ	16.8 UJ	5.13 UJ	1.42 UJ	1.75 U	11.2 UJ	78 UJ	434 U	4.6 UJ	1.49 UJ	1.21 U	2.33 U	10 UJT	4.7 UJ

Table 3-1. Round 2A Archived Surface Sediment PCB Congener Results and Associated PCB Aroclor Results.

		Location Name	G380	G381	G382	G386	G390	G392	G399	G401	G402	G410-1	G416	G417	G424	G426	G434	G438
		X_Easting	7634411.19	7629326.21	7633571.85	7631217.67	7632881.92	7632329.86	7629572.73	7629036.4	7634697.26	7630420.28	7635987.61	7636469.91	7633354.95	7636237.25	7631311.79	7634878.73
		Y_Northing	701090.77	701090.54	701048.17	700777.45	700585.68	700478.69	700201.01	700154.47	700125.45	699735.61	699453	699382.05	698967.76	698838.26	698076.3	697773.92
		Sample ID	LW2-G380	LW2-G381	LW2-G382	LW2-G386	LW2-G390	LW2-G392	LW2-G399	LW2-G401	LW2-G402	LW2-G410-1	LW2-G416	LW2-G417	LW2-G424	LW2-G426	LW2-G434	LW2-G438
		Sample Type Code	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		Parent Sample	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		Sample Date	10/22/2004	08/26/2004	10/08/2004	09/01/2004	08/23/2004	10/08/2004	08/27/2004	10/22/2004	09/09/2004	09/09/2004	10/29/2004	10/22/2004	10/08/2004	10/11/2004	08/27/2004	08/27/2004
		Depth Interval	0 - 22 cm	0 - 27 cm	0 - 29 cm	0 - 28 cm	0 - 28 cm	0 - 30 cm	0 - 22 cm	0 - 27 cm	0 - cm	0 - 30 cm	0 - 29 cm	0 - 26 cm	0 - 28 cm	0 - 27 cm	0 - 26 cm	0 - 26 cm
CAS No	**Chemical Name**	**Unit**																
2051-60-7	PCB001	pg/g	22.7	184	331	8.69 J	1650	27.5 T	18.6	14.8	168	7.12	92.7	8.67	7.1	128 JT	46.3 J	8.33 UJ
2051-61-8	PCB002	pg/g	5.25	25.4	81.3	23.6	380	71.3 T	10.2	14	86.8	12.3	74.6	6.21	12.3	105 T	17.5	4.12
2051-62-9	PCB003	pg/g	16	88.7	222	10.5	681	42.3 T	23.9	20.7	138	8.84	105	6.93	5.45	141 JT	40 J	3 J
PCB004_010	PCB004 & 010	pg/g	74	131	417	29.3	790	41.6 T	58	53.4	313	36.5	105	15.5	38.6	175 T	132	3.33 U
PCB005_008	PCB005 & 008	pg/g	121	515	1250	41	1840	79 T	332	250	263	79.8	326	45.7	31	364 T	478	14.3
25569-80-6	PCB006	pg/g	26.2	119	280	12.6	541	30.5 T	55.7	42.9	75	17.1	98.6	11.9	7.5	102 T	93.4	3.53
PCB007_009	PCB007 & 009	pg/g	13.8	61.5	124	5.03 U	279	8.87 T	21.6	21.1	41.2	6.76	34	4.99 U	5.01 U	42.6 T	43.3	3.33 U
2050-67-1	PCB011	pg/g	20.7 U	45.9	247	133	462	153 T	97.7	179	247	231	285	42.6	112	416 T	131	23.7
PCB012_013	PCB012 & 013	pg/g	9.01	82.5	154	8.78	330	23.9 T	28.1	24.7	58.2	11.1	66.9	7.32	5.01 U	77.6 T	50.6	3.33 U
34883-41-5	PCB014	pg/g	4.94 U	5 U	9.99 U	5.03 U	23.3 U	5.05 UT	5 U	5.08 U	9.83 U	4.96 U	5 U	4.99 U	5.01 U	25 UT	5.06 U	3.33 U
2050-68-2	PCB015	pg/g	68.9 J	503	728	42.5	1230	66.8 T	253 J	234 J	289	100	353	39.8 J	34 J	414 T	409	13.6
PCB016_032	PCB016 & 032	pg/g	138	709	784	49.3	3280	89.4 T	391	262	814	101	311	58.4	47	426 T	567	17.3
37680-66-3	PCB017	pg/g	118	553	860	39.4	1310	59.8 T	275	180	790	71.1	221	39	42.4	313 T	348	13.2
37680-65-2	PCB018	pg/g	181	1160	718	70.2	2720	131 T	646	429	455	153	400	79.9	60.4	543 T	760	24.8
38444-73-4	PCB019	pg/g	93	78.4	627	37.7	314	48.7 T	59.9	57.9	804	39.5	86.1	24.8	55	216 T	87.5	9.78
PCB020_021_033	PCB020 & 021 & 033	pg/g	124	968	878	69.4	2100	104 T	684	449	377	132	499	86.3	53.9	522 T	761	34.8
38444-85-8	PCB022	pg/g	80.7	566	541	46.2	1240	64.4 T	388	265	328	92	277	50.6	36.2	321 JT	460	16.6
55720-44-0	PCB023	pg/g	2.47 U	3.72	5 U	2.51 U	11.6 U	2.53 UT	2.5 U	2.54 U	4.91 U	2.48 U	12.5 U	2.49 U	2.51 U	12.5 UT	2.53 U	1.67 U
PCB024_027	PCB024 & 027	pg/g	26.9	74.6	147	9.42	166	14.6 T	43.4	32.8	173	15.1	52	9.18	9.78	82.5 T	59.5	2.83
55712-37-3	PCB025	pg/g	22.5	172	204	14.8	584	19.7 T	93.7	65.9	114	25	144	14.2	13.2	110 T	154	7.55
38444-81-4	PCB026	pg/g	38.7	256	278	24.6	760	31.2 T	162	112	175	42.3	183	22.5	21.4	168 T	244	10.5
7012-37-5	PCB028	pg/g	210	2340	1870	163	5770	220 T	1370	905	909	305	1190	171	129	1200 T	1430	62.9
15862-07-4	PCB029	pg/g	2.47 U	9.66	10.2	2.51 U	18	2.53 UT	4.36	2.94	4.91 U	2.48 U	5.02	2.49 U	2.51 U	4.72 JT	6.71	1.67 U
35693-92-6	PCB030	pg/g	2.47 U	2.5 U	5 U	2.51 U	11.6 U	2.53 UT	2.5 U	2.54 U	4.91 U	2.48 U	12.5 U	2.49 U	2.51 U	12.5 UT	2.53 U	1.67 U
16606-02-3	PCB031	pg/g	192	1510	1170	120	3810	170 T	998	655	495	240	776	123	101	810 T	1230	52.5
37680-68-5	PCB034	pg/g	2.47 U	29.2	12.3	2.51 U	52.4	2.53 UT	9.84	6.17	12.2	2.48 U	14.2	2.49 U	2.51 U	12.1 JT	11.7	1.67 U
37680-69-6	PCB035	pg/g	3.51	36.4	67.1	4.35	88.5	8.13 T	15.8	15	19.9	7.96	28.1	3.58	3.62	34.6 T	34.3	2.01
38444-87-0	PCB036	pg/g	2.47 U	2.53	5 U	2.51 U	11.6 U	2.53 UT	2.5 U	2.54 U	3.46	2.48 U	12.5 U	2.49 U	2.51 U	5.05 JT	2.53 U	1.67 U
38444-90-5	PCB037	pg/g	58.4	568	557	51	916	81.6 T	368	267	193	113	400	59.6	43.6	449 T	535	19.8
53555-66-1	PCB038	pg/g	19.3	16.5	118	2.67	176	4.1 T	5.93	5.35	250	4.13	19.1	2.55	3.11	34.2 T	27	1.67 U
38444-88-1	PCB039	pg/g	2.47 U	13.6	8.84	2.51 U	29.1	2.53 UT	3.73	2.54 U	4.85	2.48 U	12.5 U	2.49 U	2.51 U	6.7 JT	5.7	1.67 U
38444-93-8	PCB040	pg/g	69.3	528	321	33	1090	55.6 T	217	136	213	48.4	230	40	25.1	289 T	188	12.3
PCB041_064_071_	PCB041 & 064 &071 &072	pg/g	728	2740	3060	212	8870	362 T	1090	734	3120	304	1500	187	158	2010 T	1150	80.6
PCB042_059	PCB042 & 059	pg/g	262	1020	694	65.7	3090	106 T	410	265	498	104	549	74.9	52.4	600 T	407	28.8
PCB043_049	PCB043 & 049	pg/g	2080	2900	6120	321	17900	487 T	1070	694	8250	346	2160	236	238	2970 T	1760	136
41464-39-5	PCB044	pg/g	1270	3170	4930	308	14500	534 T	1270	813	3210	401	1660	224	189	2990 T	1370	101
70362-45-7	PCB045	pg/g	41.8	398	185	22.4	703	38.3 T	184	113	157	38.3	179	32.9	19.5	220 T	168	8.18
41464-47-5	PCB046	pg/g	27.6	171	182	12	929	19.6 T	82.4	51.9	203	17.7	95.2	16.7	11.3	126 T	97.9	4.44
2437-79-8	PCB047	pg/g	1290	976	6030	164	8400	217 T	417	284	12400	170	1180	149	150	1650 T	1690	71.7
PCB048_075	PCB048 & 075	pg/g	120	703	450	38.9	1600	59.4 T	263	175	597	61.5	238	49	31.1	317 T	171	14.8
62796-65-0	PCB050	pg/g	11.3	11.8	66.6	3.45	29.1	3.55 T	5.03	4.47	113	2.51	11.5	2.49 U	3.97	22 T	5.17	1.67 U
68194-04-7	PCB051	pg/g	293	130	2100	43.5	1740	52.7 T	72.5	57.3	5080	35.8	261	48	47	450 T	408	11.2
PCB052_069	PCB052 & 069	pg/g	3280	3700	11300	566	27200	987 T	1420	919	9790	591	2910	368	335	6060 T	1940	181
41464-41-9	PCB053	pg/g	253	378	1670	79.1	3450	97.4 T	200	135	3260	67.8	423	68.1	72.5	690 T	394	19.9
15968-05-5	PCB054	pg/g	31.6	4.58	245	9.73	113	10.9 T	6.22	8.51	564	7.07	22.6	5.59	12.2	59.1 T	21.5	2.24
74338-24-2	PCB055	pg/g	32.4	30.8	143	5.47	193	9.66 T	12.4	10.1	162	7.64	26.3	4.27	3.89	67.2 T	34.9	2.62
PCB056_060	PCB056 & 060	pg/g	205	1330	1200	110	3320	196 T	673	451	676	216	706	106	90.3	1030 T	745	54
70424-67-8	PCB057	pg/g	5.43	14	31	2.51 U	49.1	2.91 T	6.19	4.08	46.8	2.48 U	14.7	2.49 U	2.51 U	18.2 T	11.1	1.67 U
41464-49-7	PCB058	pg/g	16.9	24.6	28.5	2.51 U	109	3.13 T	5.19	2.75	41.8	2.48 U	16.5	2.49 U	2.51 U	19.2 T	8.59	1.67 U

Table 3-1. Round 2A Archived Surface Sediment PCB Congener Results and Associated PCB Aroclor Results.

		Location Name	G380	G381	G382	G386	G390	G392	G399	G401	G402	G410-1	G416	G417	G424	G426	G434	G438
		X_Easting	7634411.19	7629326.21	7633571.85	7631217.67	7632881.92	7632329.86	7629572.73	7629036.4	7634697.26	7630420.28	7635987.61	7636469.91	7633354.95	7636237.25	7631311.79	7634878.73
		Y_Northing	701090.77	701090.54	701048.17	700777.45	700585.68	700478.69	700201.01	700154.47	700125.45	699735.61	699453	699382.05	698967.76	698838.26	698076.3	697773.92
		Sample ID	LW2-G380	LW2-G381	LW2-G382	LW2-G386	LW2-G390	LW2-G392	LW2-G399	LW2-G401	LW2-G402	LW2-G410-1	LW2-G416	LW2-G417	LW2-G424	LW2-G426	LW2-G434	LW2-G438
		Sample Type Code	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		Parent Sample	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		Sample Date	10/22/2004	08/26/2004	10/08/2004	09/01/2004	08/23/2004	10/08/2004	08/27/2004	10/22/2004	09/09/2004	09/09/2004	10/29/2004	10/22/2004	10/08/2004	10/11/2004	08/27/2004	08/27/2004
		Depth Interval	0 - 22 cm	0 - 27 cm	0 - 29 cm	0 - 28 cm	0 - 28 cm	0 - 30 cm	0 - 22 cm	0 - 27 cm	0 - cm	0 - 30 cm	0 - 29 cm	0 - 26 cm	0 - 28 cm	0 - 27 cm	0 - 26 cm	0 - 26 cm
PCB061_070	PCB061 & 070	pg/g	1720	3190	6140	344	16700	652 T	1320	887	3690	549	2030	245	228	3890 T	1810	165
54230-22-7	PCB062	pg/g	2.47 U	2.5 U	5 U	2.51 U	11.6 U	2.53 UT	2.5 U	2.54 U	4.91 U	2.48 U	2.5 U	2.49 U	2.51 U	12.5 UT	2.53 U	1.67 U
74472-34-7	PCB063	pg/g	55.8	115	126	8.94	509	15.8 T	44	28.2	96	14.6	69.6	7.34	7.52	95.4 T	58	5.23
33284-54-7	PCB065	pg/g	2.47 U	2.5 U	5 U	2.51 U	11.6 U	2.53 UT	2.5 U	2.54 U	4.91 U	2.48 U	2.5 U	2.49 U	2.51 U	12.5 UT	2.53 U	1.67 U
PCB066_076	PCB066 & 076	pg/g	1080	2570	2820	214	10100	393 T	1090	725	1880	381	1840	193	183	2440 T	1400	113
73575-53-8	PCB067	pg/g	8.48	74.1	79.9	6.89	147	10.2 T	33.3	22.6	59.5	12.3	52.7	6.77	5.39	68.7 T	47.8	3.24
73575-52-7	PCB068	pg/g	77.3	63	127	5.89	407	11.2 T	11.4	8.53	189	5.12	54.7	3.2	5.08	64.1 T	30.8	3.86
74338-23-1	PCB073	pg/g	2.47 U	55.3	253	8.55	550	11.4 T	2.5 U	2.54 U	334	5.53	2.5 U	2.49 U	4.42	12.5 UT	2.53 U	1.67 U
32690-93-0	PCB074	pg/g	312	1220	1390	105	3870	200 T	511	339	841	192	679	88.6	78.4	905 T	594	46.9
32598-13-3	PCB077	pg/g	29.9	220	349	26	660	43.9 T	116	81.5	170	42.6	189	30.3	22.6	303 T	317	9.85
70362-49-1	PCB078	pg/g	2.47 U	2.5 U	51.2	2.51 U	11.6 U	5.33 T	2.5 U	2.54 U	4.91 U	2.48 U	11.5	2.49 U	2.51 U	12.5 UT	2.53 U	1.67 U
41464-48-6	PCB079	pg/g	82.3	58.8	276	10.9	440	23.9 T	13.5	12.1	215	10.5	61.6	7.09	6.41	128 T	40.5	6.41
33284-52-5	PCB080	pg/g	2.47 U	2.5 U	5 U	2.51 U	11.6 U	2.53 UT	2.5 U	2.54 U	4.91 U	2.48 U	2.5 U	2.49 U	2.51 U	12.5 UT	2.53 U	1.67 U
70362-50-4	PCB081	pg/g	2.72	12.8	23.9	1.17 J	68.5	2.37 T	1.24 J	2.41 J	37.9	3.12	5.23	0.62 J	0.395 J	19.8 T	14.5	0.461 J
52663-62-4	PCB082	pg/g	533	446	2080	85.4	3790	179 T	175	136	1340	108	438	53.7	48.3	1180 T	332	33.2
60145-20-2	PCB083	pg/g	2.47 U	2.5 U	5 U	2.51 U	11.6 U	2.53 UT	2.5 U	2.54 U	4.91 U	2.48 U	2.5 U	2.49 U	2.51 U	12.5 UT	2.53 U	1.67 U
PCB084_092	PCB084 & 092	pg/g	4040	1960	11000	403	21200	824 T	620	473	9510	422	2550	459	224	5870 T	1640	185
PCB085_116	PCB085 & 116	pg/g	731	660	2720	114	5220	256 T	232	172	1730	156	532	75.7	73.4	1490 T	472	50.5
55312-69-1	PCB086	pg/g	12.1	17.4	111	2.77	92.4	4.73 T	9.51	7.88	4.91 U	4.29	121	2.49 U	2.51 U	33.1 T	78.7	1.67 U
PCB087_117_125	PCB087 & 117 & 125	pg/g	2590	1330	8430	311	15000	675 T	482	394	5880	371	1270	260	166	4130 T	1230	122
PCB088_091	PCB088 & 091	pg/g	1270	695	4890	172	6910	284 T	211	169	5680	164	1020	130	101	2000 T	1000	80.7
73575-57-2	PCB089	pg/g	40.1	59.3	127	7.4	308	13.7 T	21.8	15.4	99.5	9.17	28	7	4.45	84.4 T	27.1	2.68
PCB090_101	PCB090 & 101	pg/g	10300	4630	28000	1020	48800	2140 T	1360	1080	27300	1090	5950	1900	574	13300 T	4080	500
73575-56-1	PCB093	pg/g	2.47 U	2.5 U	5 U	2.51 U	11.6 U	2.53 UT	2.5 U	2.54 U	4.91 U	2.48 U	2.5 U	2.49 U	2.51 U	12.5 UT	2.53 U	1.67 U
73575-55-0	PCB094	pg/g	64.5	22.4	377	9.24	297	12 T	8.79	7.74	596	8.3	51	8.57	6.61	90 T	92	2.39
PCB095_098_102	PCB095 & 098 & 102	pg/g	7310	3500	22500	835	37800	1640 T	1030	801	22700	790	4660	1620	448	10700 T	2730	356
73575-54-9	PCB096	pg/g	63.3	42.7	358	12.4	368	16.5 T	14.3	12.6	543	11	53.7	7.2	9	117 T	72.6	2.6
41464-51-1	PCB097	pg/g	2540	1250	6220	236	12700	513 T	413	327	3980	275	1350	157	133	3190 T	952	101
38380-01-7	PCB099	pg/g	4580	2040	10700	390	19700	809 T	649	512	10300	461	2710	299	252	5240 T	1790	234
39485-83-1	PCB100	pg/g	131	36.8	853	20.6	455	26.7 T	13.9	14	1630	16.7	126	15.9	18.9	194 T	175	9.2
60145-21-3	PCB103	pg/g	174	106	764	24.8	760	38.2 T	27.5	21	1360	19.8	214	31.7	23.3	298 T	154	15.3
56558-16-8	PCB104	pg/g	5.54	2.5 U	39.4	2.51 U	17.2	2.53 UT	2.5 U	2.54 U	103	2.48 U	6.12 U	2.49 U	2.81	12.8 T	6.35	1.67 U
32598-14-4	PCB105	pg/g	1630	871	5600	221	9560	491 T	391	338	3830	317	954	191	144	3140 T	1020	90.4
PCB106_118	PCB106 & 118	pg/g	7590	3110	17700	651	36200	1570 T	1100	916	12400	881	3860	725	437	9700 T	2880	322
PCB107_109	PCB107 & 109	pg/g	707	338	1490	60.2	3080	130 T	97	78.8	1210	72.6	372	65.7	39	812 T	262	32.9
PCB108_112	PCB108 & 112	pg/g	454	223	989	38.2	2130	81.1 T	64.8	52.4	693	42.7	246	29.4	22.6	535 T	152	17.4
38380-03-9	PCB110	pg/g	9870	4620	26300	941	50800	2210 T	1540	1220	20400	1130	6030	1220	595	14200 T	3930	463
PCB111_115	PCB111 & 115	pg/g	99.3	56.2	340	12.1	550	25.3 T	19.8	21.4	229	18.5	103	7.91	6.78	161 T	65.7	4.36
68194-10-5	PCB113	pg/g	28.7	30.2	183	8.21	108	9.88 JT	5.72	2.54 U	291	6.04	125	5.23	3.24	95.6 JT	2.53 U	1.67 U
74472-37-0	PCB114	pg/g	99.9	48.3	333	13.1	539	27.6 T	24.3	21.5	224	16.3	48.4	6.51	7.72	165 T	51.7	4.81
56558-17-9	PCB119	pg/g	375	157	1030	29.9	1490	56.4 T	44	32.7	1530	28.4	295	31.9	25.8	447 T	165	18.2
68194-12-7	PCB120	pg/g	65.1	13.5	69.6	5.14	86.3	4.77 T	6.77	2.54 U	100	2.51	22.4	14.1	2.51 U	31.8 T	11.9	2.35
56558-18-0	PCB121	pg/g	2.47 U	2.5 U	31.3	2.51 U	11.6 U	2.53 UT	2.5 U	2.54 U	4.91 U	2.48 U	2.5 U	2.49 U	2.51 U	12.5 UT	2.53 U	1.67 U
76842-07-4	PCB122	pg/g	44.2	35.5	173	7.43	298	16.1 T	16.4	12.7	113	11.2	35.7	6.06	4.96	104 T	30.4	3.63
65510-44-3	PCB123	pg/g	59.2	41.7	207	10.2	395	21.1 T	18.7	15.8	271	14.7	51.2	7.73	7.04	126 T	42.7	4.85
70424-70-3	PCB124	pg/g	237	101	936	27.1	1200	69.2 T	39.2	35.4	508	34.7	111	34.6	16.4	359 T	120	13.9
57465-28-8	PCB126	pg/g	25.6	16.6	115	4.66	156	9.73 T	7.81	7.27	82	6.12	19.9	30	3.57	81.9 T	57.4	2.67
39635-33-1	PCB127	pg/g	2.47 U	2.5 U	5 U	2.51 U	11.6 U	2.53 UT	2.5 U	2.54 U	4.91 U	2.48 U	2.5 U	2.49 U	2.51 U	12.5 UT	2.53 U	1.67 U
PCB128_162	PCB128 & 162	pg/g	1640	559	4330	150	6570	373 T	187	181	4200	164	886	369	114	2460 T	649	92
55215-18-4	PCB129	pg/g	524	153	1280	44.1	1940	110 T	53.7	46.8	1050	47.7	203	93.8	27.5	673 T	175	21.4

Table 3-1. Round 2A Archived Surface Sediment PCB Congener Results and Associated PCB Aroclor Results.

		Location Name	G380	G381	G382	G386	G390	G392	G399	G401	G402	G410-1	G416	G417	G424	G426	G434	G438
		X_Easting	7634411.19	7629326.21	7633571.85	7631217.67	7632881.92	7632329.86	7629572.73	7629036.4	7634697.26	7630420.28	7635987.61	7636469.91	7633354.95	7636237.25	7631311.79	7634878.73
		Y_Northing	701090.77	701090.54	701048.17	700777.45	700585.68	700478.69	700201.01	700154.47	700125.45	699735.61	699453	699382.05	698967.76	698838.26	698076.3	697773.92
		Sample ID	LW2-G380	LW2-G381	LW2-G382	LW2-G386	LW2-G390	LW2-G392	LW2-G399	LW2-G401	LW2-G402	LW2-G410-1	LW2-G416	LW2-G417	LW2-G424	LW2-G426	LW2-G434	LW2-G438
		Sample Type Code	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		Parent Sample	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		Sample Date	10/22/2004	08/26/2004	10/08/2004	09/01/2004	08/23/2004	10/08/2004	08/27/2004	10/22/2004	09/09/2004	09/09/2004	10/29/2004	10/22/2004	10/08/2004	10/11/2004	08/27/2004	08/27/2004
		Depth Interval	0 - 22 cm	0 - 27 cm	0 - 29 cm	0 - 28 cm	0 - 28 cm	0 - 30 cm	0 - 22 cm	0 - 27 cm	0 - cm	0 - 30 cm	0 - 29 cm	0 - 26 cm	0 - 28 cm	0 - 27 cm	0 - 26 cm	0 - 26 cm
52663-66-8	PCB130	pg/g	737	390	1840	66	2970	191 T	101	81.5	2190	67.8	380	282	46.9	1110 T	254	45.9
61798-70-7	PCB131	pg/g	2.47 U	2.5 U	5 U	2.51 U	11.6 U	2.53 UT	2.5 U	2.54 U	4.91 U	2.48 U	2.5 U	2.49 U	2.51 U	12.5 UT	2.53 U	1.67 U
PCB132_161	PCB132 & 161	pg/g	3460	1330	9440	326	12600	778 T	385	365	12000	315	2160	1640	229	5310 T	1380	225
PCB133_142	PCB133 & 142	pg/g	332	168	1130	40.5	1320	87.6 T	52.5	41.6	1440	42.3	268	143	30.1	619 T	195	25.4
PCB134_143	PCB134 & 143	pg/g	665	232	1810	61.3	2590	138 T	73.9	61.6	2230	63.4	370	252	41.5	994 T	247	38.6
52744-13-5	PCB135	pg/g	1340	886	5290	168	5960	399 T	206	180	7030	169	1390	1070	126	2360 T	824	117
38411-22-2	PCB136	pg/g	1410	834	5300	175	6050	391 T	207	167	7380	159	1260	1150	121	2360 T	750	125
35694-06-5	PCB137	pg/g	516	141	1400	48.1	1950	112 T	49.5	46.6	858	55.3	257	62.5	28.6	697 T	217	24
PCB138_163_164	PCB138 & 163 & 164	pg/g	10100	4610	32700	1110	41200	2850 T	1550	1260	43200	1290	7130	6530	873	17800 T	5040	810
PCB139_149	PCB139 & 149	pg/g	7440	5210	28700	932	33700	2390 T	1140	991	39700	954	7060	7050	733	12900 T	4220	755
59291-64-4	PCB140	pg/g	85	59.1	366	9.16	326	23.2 T	11.9	8.77	504	8.9	74	34.2	8.56	138 T	48.3	6.06
52712-04-6	PCB141	pg/g	1630	801	5720	209	7040	533 T	297	243	9120	241	1280	1980	163	3280 T	1030	165
68194-14-9	PCB144	pg/g	361	275	1290	50.8	1780	133 T	62.6	47	2170	51	302	453	34.2	653 T	194	39.4
74472-40-5	PCB145	pg/g	3.93	2.5 U	9.7	2.51 U	15.7	2.53 UT	2.5 U	2.54 U	8.09	2.48 U	2.5 U	2.49 U	2.51 U	4.9 JT	2.53 U	1.67 U
PCB146_165	PCB146 & 165	pg/g	1570	963	5960	205	6440	469 T	284	236	9560	224	1710	1210	170	3330 T	1080	165
68194-13-8	PCB147	pg/g	362	109	1700	39.8	1270	73.4 T	28.6	30.1	2090	39.9	237	59.4	27.9	461 T	394	18.9
74472-41-6	PCB148	pg/g	26.3	27.8	200	5.19	108	10.8 T	5.78	5.04	260	4.61	50.2	9.95	6.31	72.2 T	36.6	2.93
68194-08-1	PCB150	pg/g	32.7	16.9	244	7.15	93.3	9.58 T	4.73	4.49	360	4.94	48.6	15.3	6.03	66.4 T	46.6	4.66
52663-63-5	PCB151	pg/g	1810	1490	8490	259	8760	659 T	354	289	13800	282	2170	2550	211	3710 T	1470	219
68194-09-2	PCB152	pg/g	18.9	4.24	103	2.53	56.3	3.6 T	2.5 U	2.54 U	154	2.48 U	12.9	4.3	2.51 U	25.6 T	32.4	1.67 U
35065-27-1	PCB153	pg/g	8830	4750	31200	1110	35400	2670 T	1480	1270	51900	1180	7810	7890	892	17500 T	5250	916
60145-22-4	PCB154	pg/g	200	150	1160	32	767	63.2 T	35	27.4	1930	28.4	336	84.5	28.6	438 T	209	24
33979-03-2	PCB155	pg/g	2.47 U	2.5 U	12.1	2.51 U	11.6 U	2.53 UT	2.5 U	2.54 U	4.91 U	2.48 U	2.5 U	2.49 U	2.51 U	3.56 JT	2.53 U	1.67 U
38380-08-4	PCB156	pg/g	1050	333	2770	95.3	4050	239 T	125	107	3350	100	507	289	75.6	1490 T	467	58.1
69782-90-7	PCB157	pg/g	219	63.1	527	18.9	855	45.1 T	24.5	22.9	452	22.4	93.2	52.8	14.9	303 T	85.5	10
PCB158_160	PCB158 & 160	pg/g	1140	398	3360	115	4510	290 T	141	119	3910	127	545	569	80.7	1740 T	463	64.8
39635-35-3	PCB159	pg/g	48.8	65.7	380	13.7	369	32.8 T	19.5	18.2	804	14.7	122	164	17.3	233 T	93.7	17.1
41411-63-6	PCB166	pg/g	46	11.1	82.8	3.23	149	7.79 T	3.99	4.45	56.7	3.7	12.9	3.32	2.51 U	48.4 T	11.7	1.67 U
52663-72-6	PCB167	pg/g	394	137	1030	38.6	1610	97.8 T	51.1	44.9	1440	42.6	195	202	32.1	656 T	202	25.7
59291-65-5	PCB168	pg/g	16.6	14.1	64.9	2.51 U	68.2	4.82 T	2.63	2.54 U	116	2.48 U	14.2	6.55	2.51 U	30.9 T	11.5	1.74
32774-16-6	PCB169	pg/g	0.728 U	1.39 U	4.41 U	0.719 U	6.2 U	1.14 UT	0.701 U	0.73 U	4.2 U	0.745 U	2.15 U	8.38 J	0.858 U	5.35 UT	4.56 J	0.492 U
35065-30-6	PCB170	pg/g	1540	1310	8420	278	7910	753 T	412	362	22200	325	2460	3360	442	5510 T	2440	330
52663-71-5	PCB171	pg/g	453	387	2370	83.7	2570	218 T	123	105	6240	95.3	731	1030	114	1530 T	588	97.7
52663-74-8	PCB172	pg/g	234	244	1280	49	1450	127 T	75.1	65	3540	58.8	436	732	69.2	937 T	454	58.1
68194-16-1	PCB173	pg/g	46.3	31.5	176	7.54	230	18.5 T	10.3	9.1	472	8.73	47.7	66.9	8.93	130 T	44	7.5
38411-25-5	PCB174	pg/g	1440	1650	8410	328	8820	816 T	493	417	21300	349	2760	4800	444	5220 T	2510	387
40186-70-7	PCB175	pg/g	60.6	86.7	357	15.2	505	38.8 T	22.9	19	827	14.9	211	207	16.5	250 T	2.53 U	16.5
52663-65-7	PCB176	pg/g	189	250	1150	41.5	1340	109 T	65.5	50.9	2580	37.7	344	596	47.6	707 T	243	48.1
52663-70-4	PCB177	pg/g	922	957	5170	193	5300	477 T	296	235	13200	226	1610	2610	271	3570 T	1450	220
52663-67-9	PCB178	pg/g	260	391	1860	70.4	1930	167 T	106	88.3	4000	76.1	626	915	82	1200 T	509	78
52663-64-6	PCB179	pg/g	610	859	4130	152	4070	364 T	233	189	9020	170	1370	2130	172	2520 T	1000	183
35065-29-3	PCB180	pg/g	3010	3360	19400	715	18500	1840 T	1060	922	53400	820	6210	9800	1030	13100 T	6560	860
74472-47-2	PCB181	pg/g	18	15.9	240	2.51 U	75.2	7.88 T	2.57	13.5	437	6.69	158	2.49 U	2.51 U	51.5 JT	46.6	1.95
PCB182_187	PCB182 & 187	pg/g	1530	2360	11100	423	11600	1030 T	655	536	24600	440	3630	5470	508	7250 T	3180	505
52663-69-1	PCB183	pg/g	761	1010	5090	188	5740	500 T	283	226	12100	181	1550	2450	222	3230 T	1230	224
74472-48-3	PCB184	pg/g	2.47 U	2.5 U	8.23	2.51 U	14.6	2.53 UT	2.5 U	2.54 U	13.9	2.48 U	2.76	4.78	2.51 U	6.06 JT	3.73	1.67 U
52712-05-7	PCB185	pg/g	134	173	828	38.2	947	89 T	54.8	48.5	2430	46	312	458	48.2	606 T	283	42.5
74472-49-4	PCB186	pg/g	2.47 U	2.5 U	5 U	2.51 U	11.6 U	2.53 UT	2.5 U	2.54 U	4.91 U	2.48 U	2.5 U	2.49 U	2.51 U	12.5 UT	2.53 U	1.67 U
74487-85-7	PCB188	pg/g	4.87	3.69	43.6	2.51 U	45.7	2.53 UT	2.5 U	2.54 U	65.9	2.48 U	11	8.6	2.51 U	17.8 T	15.7	1.67 U
39635-31-9	PCB189	pg/g	68.2	46.8	329	11.7	344	30.6 JT	16.2	12.5	927	12.2	84	109	16.1	210 T	75.1	12.6

Table 3-1. Round 2A Archived Surface Sediment PCB Congener Results and Associated PCB Aroclor Results.

		Location Name	G380	G381	G382	G386	G390	G392	G399	G401	G402	G410-1	G416	G417	G424	G426	G434	G438
		X_Easting	7634411.19	7629326.21	7633571.85	7631217.67	7632881.92	7632329.86	7629572.73	7629036.4	7634697.26	7630420.28	7635987.61	7636469.91	7633354.95	7636237.25	7631311.79	7634878.73
		Y_Northing	701090.77	701090.54	701048.17	700777.45	700585.68	700478.69	700201.01	700154.47	700125.45	699735.61	699453	699382.05	698967.76	698838.26	698076.3	697773.92
		Sample ID	LW2-G380	LW2-G381	LW2-G382	LW2-G386	LW2-G390	LW2-G392	LW2-G399	LW2-G401	LW2-G402	LW2-G410-1	LW2-G416	LW2-G417	LW2-G424	LW2-G426	LW2-G434	LW2-G438
		Sample Type Code	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		Parent Sample	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		Sample Date	10/22/2004	08/26/2004	10/08/2004	09/01/2004	08/23/2004	10/08/2004	08/27/2004	10/22/2004	09/09/2004	09/09/2004	10/29/2004	10/22/2004	10/08/2004	10/11/2004	08/27/2004	08/27/2004
		Depth Interval	0 - 22 cm	0 - 27 cm	0 - 29 cm	0 - 28 cm	0 - 28 cm	0 - 30 cm	0 - 22 cm	0 - 27 cm	0 - cm	0 - 30 cm	0 - 29 cm	0 - 26 cm	0 - 28 cm	0 - 27 cm	0 - 26 cm	0 - 26 cm
41411-64-7	PCB190	pg/g	281	263	1620	61.6	1560	151 T	84	69.9	4470	68.5	454	656	86.7	1100 T	477	59.5
74472-50-7	PCB191	pg/g	57.5	51.1	320	12.2	364	30.4 T	15.8	12.9	847	10.9	76.6	145	14.7	202 T	90.6	11.4
74472-51-8	PCB192	pg/g	2.47 U	2.5 U	5 U	2.51 U	11.6 U	2.53 UT	2.5 U	2.54 U	4.91 U	2.48 U	2.5 U	2.49 U	2.51 U	12.5 UT	2.53 U	1.67 U
69782-91-8	PCB193	pg/g	140	173	927	35.2	907	84.7 T	49.8	41.4	2390	38.2	273	461	48.5	617 T	299	38.2
35694-08-7	PCB194	pg/g	456	750	3680	179	3830	370 T	245	226	12400	202	1370	2260	307	2930 T	1300	204
52663-78-2	PCB195	pg/g	217	319	1650	67.2	1560	160 T	104	92.4	5980	88	637	873	131	1310 T	641	85.4
PCB196_203	PCB196 & 203	pg/g	454	984	4360	226	5000	481 T	252	269	11700	186	1350	2100	294	3040 T	1630	210
33091-17-7	PCB197	pg/g	16.9	34	154	7.78	215	16.5 T	8.78	8.3	442	6.84	53.4	86.5	9.81	102 T	53.7	7.81
68194-17-2	PCB198	pg/g	20.3	45.5	380	12.7	205	27 T	13.1	17.5	1040	14.5	246	93.5	13.4	225 T	159	13.6
52663-75-9	PCB199	pg/g	385	912	3300	192	4830	410 T	238	281	8490	168	1090	2200	257	2600 T	1500	196
52663-73-7	PCB200	pg/g	53.2	120	461	24.9	515	53.2 T	30.1	31.5	1310	21.3	173	258	33.9	341 T	191	26.1
40186-71-8	PCB201	pg/g	56.3	124	503	27.1	874	53.7 T	34	35.4	1430	28.6	207	314	35.3	366 T	204	29.7
2136-99-4	PCB202	pg/g	77.5	192	746	45.3	1450	82.2 T	56.6	72.4	1870	48.9	344	434	51.4	567 T	312	50.4
74472-52-9	PCB204	pg/g	2.47 U	2.5 U	5 U	2.51 U	11.6 U	2.53 UT	2.5 U	2.54 U	4.91 U	2.48 U	2.5 U	2.49 U	2.51 U	12.5 UT	2.53 U	1.67 U
74472-53-0	PCB205	pg/g	21.1	34.4	154	8.77	194	16.8 T	10.2	8.98	570	7.69	55.8	87.5	13.1	127 T	50.3	8.12
40186-72-9	PCB206	pg/g	132	349	1350	121	2270	207 T	167	277	3030	126	827	450	106	1210 T	529	191
52663-79-3	PCB207	pg/g	15.1	42.1	153	14.5	248	23.9 T	16.7	24.4	369	14.3	80.8	57.1	12.5	138 T	67.2	18.3
52663-77-1	PCB208	pg/g	29.4	87.8	313	30	543	59.4 T	46.2	83	613	35.2	241	86.1	23.6	293 T	142	63.9
2051-24-3	PCB209	pg/g	52	204	339	59.9	381	162 T	165	178	521	121	431	67	75.3	486 T	876	322
27323-18-8	Monochlorobiphenyl	pg/g	43.9	298	634	42.8	2710	141 T	52.6	49.4	393	28.2	273	21.8	24.9	373 T	104	7.11
25512-42-9	Dichlorobiphenyl	pg/g	334	1460	3200	267	5470	404 T	846	806	1290	483	1270	163	223	1590 T	1340	61.8
25323-68-6	Trichlorobiphenyl	pg/g	1310	9070	8850	702	23300	1040 T	5520	3710	5920	1340	4610	745	619	5100 T	6730	275
26914-33-0	Tetrachlorobiphenyl	pg/g	13400	25800	50300	2730	127000	4610 T	10500	6960	55900	3630	17200	2190	1980	27500 T	14900	1080
25429-29-2	Pentachlorobiphenyl	pg/g	55600	26400	155000	5670	280000	12200 T	8640	6900	135000	6480	33400	7390	3400	77900 T	23600	2680
26601-64-9	Hexachlorobiphenyl	pg/g	46000	24200	158000	5330	191000	13200 T	6930	5900	223000	5700	36900	34200	4140	81400 T	25100	4020
28655-71-2	Heptachlorobiphenyl	pg/g	11800	13600	73200	2700	74200	6850 T	4060	3420	185000	2980	23400	36000	3640	47900 T	21500	3180
55722-26-4	Octachlorobiphenyl	pg/g	1760	3510	15400	790	18700	1670 T	991	1040	45200	771	5520	8710	1150	11600 T	6050	831
53742-07-7	Nonachlorobiphenyl	pg/g	176	479	1810	166	3060	291 T	230	385	4010	176	1150	593	142	1640 T	739	273
1336-36-3	Polychlorinated biphenyls	pg/g	130000	105000	466000	18500	725000	40500 T	38000	29400	656000	21700	124000	90100	15400	256000 T	101000	12700
12767-79-2	Total PCB Aroclors	ug/kg	175 T	85.2 T	446 JT	168 T	1430 T	74.5 JT	24.6 JT	36.3 T	679 JT	21.9 T	333 JT	107 T	16.8 JT	293 JT	245 JT	27.1 JT
12674-11-2	Aroclor 1016	ug/kg	2.5 U	4.04 U	2.51 U	5.03 U	53 UJ	1.9 U	1.47 U	1.72 U	12.8 U	2.5 U	5.43 U	4.05 U	1.77 U	2.74 U	5.7 U	1.27 U
11104-28-2	Aroclor 1221	ug/kg	4.63 U	7.48 U	4.65 U	99.4	53 UJ	3.51 U	2.71 U	3.18 U	23.7 U	4.63 U	10.1 U	7.49 U	3.29 U	5.08 U	10.6 U	2.35 U
11141-16-5	Aroclor 1232	ug/kg	4.19 U	6.75 U	4.2 U	8.42 U	53 UJ	3.17 U	2.45 U	2.88 U	21.4 U	4.18 U	9.08 U	6.77 U	2.97 U	4.58 U	9.54 U	2.13 U
53469-21-9	Aroclor 1242	ug/kg	2.55 U	4.11 U	2.56 U	5.12 U	53 UJ	1.93 U	1.49 U	1.75 U	13 U	2.54 U	5.52 U	4.11 U	1.81 U	2.79 U	5.8 U	1.29 U
12672-29-6	Aroclor 1248	ug/kg	32.7	39	46.6	14.7	53 UJ	2.47 U	14.1 J	13	45.6 J	3.26 U	27	5.27 U	2.31 U	27	26.9	1.66 U
11097-69-1	Aroclor 1254	ug/kg	113	2.45 U	184	41.1	1100	40.4 J	0.89 U	15.3	193	12.8	137 J	42.1 U	11.6 J	101	127 J	15.7 J
11096-82-5	Aroclor 1260	ug/kg	29.1	46.2	215 J	12.4	330	34.1 J	10.5	7.99	440	9.08	169	107	5.17	165 J	91	11.4
37324-23-5	Aroclor 1262	ug/kg	2.34 U	3.77 U	2.35 U	4.7 U	53 UJ	1.77 U	1.37 U	1.61 U	12 U	2.33 U	5.07 U	3.78 U	1.66 U	2.56 U	5.33 U	1.19 U
11100-14-4	Aroclor 1268	ug/kg	2.01 U	8.08 UJ	2.01 U	4.04 UJ	53 UJ	1.52 U	2.93 UJ	1.38 U	10.3 U	2 U	4.35 U	3.24 U	1.42 U	2.2 U	11.4 UJ	2.54 UJ

Table 3-1. Round 2A Archived Surface Sediment PCB Congener Results and Associated PCB Aroclor Results.

		Location Name	G439	G440	G446	G447	G448	G452	G453	G457	G461	G463	G473	G477	G481	G485	G486	G490
		X_Easting	7631601.11	7632319.34	7635679.36	7632623	7633100.52	7634063.07	7633492.63	7633927.35	7634379.94	7637255.4	7634734.5	7635231.42	7638611.24	7636559.91	7637428.02	7639787.95
		Y_Northing	697650.07	697554.29	697209.12	697105.19	697061.04	696763.46	696752.38	696548.95	696295.79	696262.06	695987.57	695714.98	695488.9	695082.87	694966.14	694548.67
		Sample ID	LW2-G439	LW2-G440	LW2-G446	LW2-G447	LW2-G448	LW2-G452	LW2-G453	LW2-G457	LW2-G461	LW2-G463	LW2-G473	LW2-G477	LW2-G481	LW2-G485	LW2-G486	LW2-G490
		Sample Type Code	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		Parent Sample	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		Sample Date	09/09/2004	08/31/2004	09/01/2004	08/31/2004	08/31/2004	08/24/2004	08/31/2004	08/31/2004	08/31/2004	09/01/2004	09/01/2004	09/01/2004	09/02/2004	08/31/2004	08/31/2004	09/02/2004
		Depth Interval	0 - 26 cm	0 - 26 cm	0 - 28 cm	0 - 25 cm	0 - 30 cm	0 - 27 cm	0 - 26 cm	0 - 27 cm	0 - 27 cm	0 - 28 cm	0 - 29 cm	0 - 28 cm	0 - 26 cm	0 - 27 cm	0 - 28 cm	0 - 29 cm
CAS No	**Chemical Name**	**Unit**																
2051-60-7	PCB001	pg/g	26 JT	15.6	11.6	17.3	35.5	13.2 J	217000	67.2	17.2	6.64	1740 J	256	7.86	30.6	6.21	12.8
2051-61-8	PCB002	pg/g	10.4 T	16.5	4.76	17.2	19.8	13.6	21200	48.8	14.7	19.2	303 J	106	12	12.9	6.02	9.01
2051-62-9	PCB003	pg/g	22.9 T	22.9	6.77	27.2	55.6	13.1 J	124000	136	21.6	6.7	1110 J	383	6.79	24.5	5.72	9.24
PCB004_010	PCB004 & 010	pg/g	35.1 T	66.8	22.6	75.1	203	53.4	267000	277	110	37.6	17800 J	1150	45.4	50.7	25.3	170
PCB005_008	PCB005 & 008	pg/g	122 T	242	125	278	760	126	780000	1320	467	29.7	50200 J	2450	37.3	177	45	158
25569-80-6	PCB006	pg/g	26.4 T	45.5	84.9	51.8	131	27.6	138000	239	98.7	7.52	12000 J	536	9.7	36.3	10.8	25
PCB007_009	PCB007 & 009	pg/g	12.2 T	17.7	28.9	19.8	50.8	11.5 U	67000	96.1	40.1	5.06 U	4670 J	206	5 U	15.9	4.92 U	9.4
2050-67-1	PCB011	pg/g	146 T	181	29.7 U	138	271	391	3360	243	192	137	952 J	248	147	99.2	148	185
PCB012_013	PCB012 & 013	pg/g	18.9 T	25.6	19.5	31.2	56.3	17.6	29800	112	50.4	5.74 U	5030 J	386	6.41	15.4	6.23 U	15.6
34883-41-5	PCB014	pg/g	5.03 UT	4.89 U	5 U	4.99 U	5 U	16.6 U	242 U	24.7 U	4.99 U	5.06 U	23.5 UJ	49.8 U	5 U	4.95 U	4.92 U	3.35 U
2050-68-2	PCB015	pg/g	148 T	263	56	320	685	141	352000	1060	495	40.3	54100 J	5330	37.1	124	38.1	106
PCB016_032	PCB016 & 032	pg/g	151 T	409	1240	474	1250	165	1100000	1720	827	42.7	50800	6370	47.1	226	44.9	149
37680-66-3	PCB017	pg/g	98.9 T	268	367	304	851	115	744000	1140	551	42	35500	2610	43	143	34.9	140
37680-65-2	PCB018	pg/g	224 T	663	391	741	2100	256	1920000	2820	1260	56.3	70000	5350	61	311	68.4	167
38444-73-4	PCB019	pg/g	34.6 T	66.8	36.8	71.6	175	60.8	179000	229	107	65.7	12500	1420	65.3	45.1	28.5	200
PCB020_021_033	PCB020 & 021 & 033	pg/g	202 T	568	293	643	1720	206	933000	2450	1400	44.9	44000	2850	50.4	252	51.2	143
38444-85-8	PCB022	pg/g	136 T	367	152	429	1090	140	540000	1530	891	33.7	33400	3350	35.8	159	36.3	90.9
55720-44-0	PCB023	pg/g	2.51 UT	2.44 U	2.5 U	2.5 U	2.8	8.28 U	1460	4.91 J	2.52	2.53 U	107	24.9 U	2.5 U	2.48 U	2.46 U	1.67 U
PCB024_027	PCB024 & 027	pg/g	19.8 T	49.4	21.4	57.2	144	23.1	123000	198	103	11.8	7590	863	11.8	28.4	7.54	35.3
55712-37-3	PCB025	pg/g	38.5 T	92	1890	113	270	40.3	119000	349	205	12.9	8480	751	14.5	48.3	11.5	33.1
38444-81-4	PCB026	pg/g	64 T	161	1760	182	471	65.7	257000	639	361	20.3	13000	1160	21.8	71.8	18.9	48.1
7012-37-5	PCB028	pg/g	463 T	1140	1700	1350	3200	445	1750000	4880	2310	116	97000	13100	123	541	118	310
15862-07-4	PCB029	pg/g	2.51 UT	6.18	2.5 U	6.58	18.2	2.32 J	8800	22.6	17	2.53 U	700	38.8	2.5 U	2.48 U	2.46 U	1.93
35693-92-6	PCB030	pg/g	2.51 UT	2.44 U	2.5 U	2.5 U	2.5 U	8.28 U	121 U	12.4 U	2.49 U	2.53 U	11.7 U	24.9 U	2.5 U	2.48 U	2.46 U	1.67 U
16606-02-3	PCB031	pg/g	338 T	989	818	1070	2910	334	1550000	3600	1990	88.2	70300	5400	92.8	343	95.3	224
37680-68-5	PCB034	pg/g	3.64 T	7.87	22.8	7.95	19.7	2.97 J	8310	25.5	12.3	2.53 U	433	50.1	2.5 U	3.89	2.46 U	1.83
37680-69-6	PCB035	pg/g	8.36 T	16.5	9.55	17.1	35.6	8.95	14300	58.2	35	3.53	958	202	3.07	7.34	3.1	5.86
38444-87-0	PCB036	pg/g	2.51 UT	2.44 U	10.9	2.5 U	2.5 U	8.28 U	286	12.4 U	2.49 U	2.53 U	11.7 U	25.5	2.5 U	2.48 U	2.46 U	1.67 U
38444-90-5	PCB037	pg/g	145 T	382	69	448	949	144	435000	1450	796	40.7	25000	4280	37.1	137	36.6	90
53555-66-1	PCB038	pg/g	5.06 T	6.82	126	8.93	19.4	4.85 J	8790	26.2	10.7	2.97	579	195	2.77	4.05	2.46 U	4.54
38444-88-1	PCB039	pg/g	2.51 UT	2.58	30.8	2.93	4.6	8.28 U	1500	8.48 J	3.89	2.53 U	61.9	27.4	2.5 U	2.48 U	2.46 U	1.67 U
38444-93-8	PCB040	pg/g	78.3 T	191	144	260	565	79.7	311000	788	422	28.4	19700	4730	24.6	88.4	21.8	45.9
PCB041_064_071_	PCB041 & 064 &071 &072	pg/g	421 T	981	5220	1300	2760	434	1410000	3860	2140	188	97700	25600	163	436	129	287
PCB042_059	PCB042 & 059	pg/g	158 T	374	1430	499	1060	157	548000	1480	822	57.8	37100	8250	51.7	177	44	96.7
PCB043_049	PCB043 & 049	pg/g	492 T	932	10900	1180	2380	440	1160000	3340	1830	285	83300	30300	227	556	160	352
41464-39-5	PCB044	pg/g	528 T	1080	2910	1410	2990	475	1620000	4230	2250	279	106000	42500	168	591	154	294
70362-45-7	PCB045	pg/g	62.4 T	169	71.8	219	494	67.2	324000	731	367	18.9	18300	3510	16.3	83.5	16.2	39.1
41464-47-5	PCB046	pg/g	28.8 T	73	711	94.9	208	29.5	138000	311	157	11.8	7940	1630	10.3	37.4	7.89	21.6
2437-79-8	PCB047	pg/g	233 T	391	8280	469	937	216	411000	1210	736	165	40000	11100	160	236	83.3	262
PCB048_075	PCB048 & 075	pg/g	95.4 T	253	448	310	720	99.1	390000	1050	546	31.2	24100	3440	30.1	96.9	26.6	66.2
62796-65-0	PCB050	pg/g	2.51 UT	4.79	6.66	4.81	10.6	3.76 J	5770	15.2	8.29	4.23	444	71.9	3.97	2.48 U	2.46 U	8.1
68194-04-7	PCB051	pg/g	43.5 T	76.9	1960	86.1	177	49.5	90900	245	143	47	9200	1940	47.4	45.9	20.9	89.6
PCB052_069	PCB052 & 069	pg/g	717 T	1170	8090	1570	3000	600	1490000	4230	2290	576	114000	72000	293	805	228	476
41464-41-9	PCB053	pg/g	82.2 T	173	2400	221	473	96.9	283000	686	354	83.2	17800	4690	72	97.5	38.9	136
15968-05-5	PCB054	pg/g	4.77 T	8.28	70.6	5.67	13.2	10	4500	14.2	10.6	13.9	693	153	13.3	4.62	5.65	33.2
74338-24-2	PCB055	pg/g	9.15 T	16.6	57	22.6	43.9	8.72	19600	61.4	41.2	5.23	1110	450	2.99	6.75	2.57	8.13
PCB056_060	PCB056 & 060	pg/g	261 T	716	309	827	1770	271	902000	2580	1450	103	35200	7650	77.6	214	70	189
70424-67-8	PCB057	pg/g	3.07 T	6.56	133	7.21	14.9	2.97 J	7080	21.4	12.2	2.53 U	273	67.3	2.5 U	3.21	2.46 U	2.84
41464-49-7	PCB058	pg/g	2.79 T	4.03	51.9	47.3	6.63	1.75 J	2860	9.28 J	5.69	2.53 U	165	98.6	2.5 U	2.91	2.46 U	1.67 U

Table 3-1. Round 2A Archived Surface Sediment PCB Congener Results and Associated PCB Aroclor Results.

		Location Name	G439	G440	G446	G447	G448	G452	G453	G457	G461	G463	G473	G477	G481	G485	G486	G490
		X_Easting	7631601.11	7632319.34	7635679.36	7632623	7633100.52	7634063.07	7633492.63	7633927.35	7634379.94	7637255.4	7634734.5	7635231.42	7638611.24	7636559.91	7637428.02	7639787.95
		Y_Northing	697650.07	697554.29	697209.12	697105.19	697061.04	696763.46	696752.38	696548.95	696295.79	696262.06	695987.57	695714.98	695488.9	695082.87	694966.14	694548.67
		Sample ID	LW2-G439	LW2-G440	LW2-G446	LW2-G447	LW2-G448	LW2-G452	LW2-G453	LW2-G457	LW2-G461	LW2-G463	LW2-G473	LW2-G477	LW2-G481	LW2-G485	LW2-G486	LW2-G490
		Sample Type Code	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		Parent Sample	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		Sample Date	09/09/2004	08/31/2004	09/01/2004	08/31/2004	08/31/2004	08/24/2004	08/31/2004	08/31/2004	08/31/2004	09/01/2004	09/01/2004	09/01/2004	09/02/2004	08/31/2004	08/31/2004	09/02/2004
		Depth Interval	0 - 26 cm	0 - 26 cm	0 - 28 cm	0 - 25 cm	0 - 30 cm	0 - 27 cm	0 - 26 cm	0 - 27 cm	0 - 27 cm	0 - 28 cm	0 - 29 cm	0 - 28 cm	0 - 26 cm	0 - 27 cm	0 - 28 cm	0 - 29 cm
PCB061_070	PCB061 & 070	pg/g	604 T	1290	2240	1460	2960	512	1530000	4250	2250	310	53300	23600	177	492	168	352
54230-22-7	PCB062	pg/g	2.51 UT	2.44 U	2.5 U	2.5 U	2.5 U	8.28 U	677	12.4 U	2.49 U	2.53 U	96.4	24.9 U	2.5 U	2.48 U	2.46 U	1.67 U
74472-34-7	PCB063	pg/g	18.4 T	44.8	239	47.9	104	16.7	50900	145	81.1	7.08	1940	430	5.7	15.2	4.55	13.3
33284-54-7	PCB065	pg/g	2.51 UT	2.44 U	2.5 U	2.5 U	2.5 U	8.28 U	1810	12.4 U	2.49 U	2.53 U	156	24.9 U	2.5 U	2.48 U	2.46 U	1.67 U
PCB066_076	PCB066 & 076	pg/g	460 T	1090	2140	1230	2490	426	1220000	3660	1990	178	46700	15300	148	406	124	311
73575-53-8	PCB067	pg/g	14.4 T	40.8	150	44.3	103	15.7	51100	145	85.8	5.26	1960	257	4.68	12.9	3.82	13.9
73575-52-7	PCB068	pg/g	6.92 T	10.2	481	14.8	19.1	5.97 J	5120	28.9	15.9	4.88	932	509	5.94	8.96	2.94	6.76
74338-23-1	PCB073	pg/g	12.5 JT	9.43	186	24.4	51	8.28 U	33300	98.7	13.4	8.61	1620	1370	9.39	10.1	5.92	9.44
32690-93-0	PCB074	pg/g	223 T	563	414	635	1340	207	672000	1910	1020	91	23800	6200	62.2	179	59.2	160
32598-13-3	PCB077	pg/g	47.8 T	114	35.2	127	233	48.4	99900	331	218	24.5	4490	1210	17.1	41.1	15.4	41.4
70362-49-1	PCB078	pg/g	2.51 UT	2.44 U	2.5 U	2.5 U	2.5 U	8.28 U	121 U	12.4 U	2.49 U	2.53 U	11.7 U	24.9 U	2.5 U	2.48 U	2.46 U	1.67 U
41464-48-6	PCB079	pg/g	13.5 T	12.9	75.8	21.3	25.5	9.09	7490	33	19.1	8.94	693	1030	4.81	13	4.12	7.78
33284-52-5	PCB080	pg/g	2.51 UT	2.44 U	2.5 U	2.5 U	2.5 U	8.28 U	121 U	12.4 U	2.49 U	2.53 U	11.7 U	24.9 U	2.5 U	2.48 U	2.46 U	1.67 U
70362-50-4	PCB081	pg/g	3.45 T	2.1 J	0.875 J	4.94	12.9	1.3 J	3830	14.9	4.64	0.518 J	180	348	1.66 J	0.914 J	0.613 J	2.5
52663-62-4	PCB082	pg/g	122 T	155	203	252	361	84.8	125000	547	293	80.5	9470	10800	28.6	93.6	31.7	74.1
60145-20-2	PCB083	pg/g	2.51 UT	2.44 U	2.5 U	2.5 U	2.5 U	8.28 U	1010	12.4 U	2.49 U	2.53 U	58.9	41.9	2.5 U	2.48 U	2.46 U	1.67 U
PCB084_092	PCB084 & 092	pg/g	563 T	489	3300	837	1120	308	335000	1540	889	447	33300	41700	140	583	139	264
PCB085_116	PCB085 & 116	pg/g	176 T	201	327	360	505	123	158000	681	406	124	15900	16100	46.7	145	55.3	127
55312-69-1	PCB086	pg/g	3.81 T	8.62	3.72	14.6	20.5	3.78 J	10600	27.3	16.2	2.63	677	464	2.5 U	2.48 U	2.46 U	5.47
PCB087_117_125	PCB087 & 117 & 125	pg/g	412 T	414	1020	720	971	267	279000	1310	808	373	34200	43300	100	366	122	262
PCB088_091	PCB088 & 091	pg/g	220 T	189	2390	312	495	125	130000	579	330	156	13000	15600	82.6	165	60.4	137
73575-57-2	PCB089	pg/g	11.9 T	19.6	21.8	31.2	53.7	8.47	23000	77.7	37.1	6.39	1180	950	3.1	9.39	3.04	7.31
PCB090_101	PCB090 & 101	pg/g	1350 T	1200	4920	1940	2560	776	713000	3370	2060	1130	80700	112000	406	1620	395	775
73575-56-1	PCB093	pg/g	2.51 UT	2.44 U	2.5 U	2.5 U	2.5 U	8.28 U	121 U	12.4 U	2.49 U	2.53 U	11.7 U	24.9 U	2.5 U	2.48 U	2.46 U	1.67 U
73575-55-0	PCB094	pg/g	10.2 T	10.1	293	12.7	22.2	7.45 J	6290	26	14.7	11.1	632	614	7.69	6.13	3.58	11.9
PCB095_098_102	PCB095 & 098 & 102	pg/g	1090 T	859	4700	1490	2090	593	629000	2720	1550	876	67500	90300	325	1190	305	547
73575-54-9	PCB096	pg/g	10.4 T	14.7	197	21.5	40.8	9.34	14100	47.6	24	11.4	1110	1030	9.16	2.48 U	5.01	14.9
41464-51-1	PCB097	pg/g	328 T	343	1010	594	803	202	240000	1090	635	262	25600	34900	80	269	90.2	193
38380-01-7	PCB099	pg/g	580 T	553	2470	890	1200	327	324000	1550	944	420	34200	46300	164	587	160	343
39485-83-1	PCB100	pg/g	20.3 T	15.1	337	15.5	28.7	14.5	2470	26.2	17.2	20.3	844	510	18.7	15.7	8.76	29.9
60145-21-3	PCB103	pg/g	31.1 T	21.9	252	27.5	39.5	18.8	7730	40.9	26.7	28.7	770	861	18.2	47.6	10.6	28.1
56558-16-8	PCB104	pg/g	2.51 UT	2.44 U	8.41	2.5 U	1.61	8.28 U	121 U	12.4 U	2.49 U	2.53 U	38.1	35	2.5 U	2.48 U	2.46 U	3.24
32598-14-4	PCB105	pg/g	323 T	391	394	564	804	243	220000	1160	673	269	21400	28600	88.4	260	101	271
PCB106_118	PCB106 & 118	pg/g	983 T	1020	2410	1610	2060	640	529000	2850	1700	806	58400	88300	289	907	293	787
PCB107_109	PCB107 & 109	pg/g	87.4 T	84.9	445	132	165	53.2	40800	223	133	66.9	4130	6140	26.1	83.7	24.6	59.5
PCB108_112	PCB108 & 112	pg/g	56.7 T	55.4	420	93.7	130	32.3	39400	181	105	42.5	3920	5530	13.6	46.4	14.2	31.6
38380-03-9	PCB110	pg/g	1490 T	1230	5030	2330	3140	811	718000	3800	2370	1120	104000	123000	373	1320	404	790
PCB111_115	PCB111 & 115	pg/g	17.3 T	21.1	45.8	34.6	48.6	13.5	14700	64.8	37.1	14.3	1560	2070	4.86	14.4	6.26	15.7
68194-10-5	PCB113	pg/g	7.97 JT	11.6	78	9.39	11.7	8.28 U	5180	42.3	6.94	7.59	354	921	2.88	6.5	2.46 U	6.24
74472-37-0	PCB114	pg/g	17.2 T	24.9	21.9	29.6	50.2	14.6	16900	72.9	42.2	17.2	978	1130	4.67	7.92	5.69	17.7
56558-17-9	PCB119	pg/g	42.6 T	36.1	613	52.2	74.3	24.4	15500	84	53.9	35.6	1640	2200	16.9	57.3	12	28.9
68194-12-7	PCB120	pg/g	3.16 T	2.61	41.6	5.43	9.52	3.25 J	1770	7.75 J	3.71	4.21	175	199	2.5 U	10.4	2.46 U	2.65
56558-18-0	PCB121	pg/g	2.51 UT	2.44 U	12	2.5 U	2.5 U	8.28 U	121 U	12.4 U	2.49 U	2.53 U	11.7 U	24.9 U	2.5 U	2.48 U	2.46 U	1.67 U
76842-07-4	PCB122	pg/g	12.1 T	14.6	13.2	20	29	7.91 J	8270	52.7	26.2	8.7	768	913	3.38	8.43	3.6	8.61
65510-44-3	PCB123	pg/g	16.2 T	19.1	22	31.4	39	13.6	12500	63.3	34.4	12.6	1150	1520	5.29	9.86	5.41	15.7
70424-70-3	PCB124	pg/g	37.8 T	36.8	47.4	60	82.1	29.2	20600	109	62.7	36.2	2230	3550	10.4	35.9	12.2	29.4
57465-28-8	PCB126	pg/g	6.11 T	6.5	5.22	9.32	11.6	5.19 J	2020	17.1	11.1	5.78	285	414	2.12 J	9.44	2.32 J	5.5
39635-33-1	PCB127	pg/g	2.51 UT	2.44 U	2.5 U	2.5 U	2.5 U	8.28 U	121 U	12.4 U	2.49 U	2.53 U	11.7 U	24.9 U	2.5 U	2.48 U	2.46 U	1.67 U
PCB128_162	PCB128 & 162	pg/g	237 T	188	297	325	362	142	59700	497	357	191	12300	18500	57.5	455	63.2	188
55215-18-4	PCB129	pg/g	57.9 T	49.3	73.8	96.6	109	33.9	18900	137	95.7	60.2	3850	6190	15.3	111	15.4	55.5

Table 3-1. Round 2A Archived Surface Sediment PCB Congener Results and Associated PCB Aroclor Results.

		Location Name	G439	G440	G446	G447	G448	G452	G453	G457	G461	G463	G473	G477	G481	G485	G486	G490
		X_Easting	7631601.11	7632319.34	7635679.36	7632623	7633100.52	7634063.07	7633492.63	7633927.35	7634379.94	7637255.4	7634734.5	7635231.42	7638611.24	7636559.91	7637428.02	7639787.95
		Y_Northing	697650.07	697554.29	697209.12	697105.19	697061.04	696763.46	696752.38	696548.95	696295.79	696262.06	695987.57	695714.98	695488.9	695082.87	694966.14	694548.67
		Sample ID	LW2-G439	LW2-G440	LW2-G446	LW2-G447	LW2-G448	LW2-G452	LW2-G453	LW2-G457	LW2-G461	LW2-G463	LW2-G473	LW2-G477	LW2-G481	LW2-G485	LW2-G486	LW2-G490
		Sample Type Code	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		Parent Sample	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		Sample Date	09/09/2004	08/31/2004	09/01/2004	08/31/2004	08/31/2004	08/24/2004	08/31/2004	08/31/2004	08/31/2004	09/01/2004	09/01/2004	09/01/2004	09/02/2004	08/31/2004	08/31/2004	09/02/2004
		Depth Interval	0 - 26 cm	0 - 26 cm	0 - 28 cm	0 - 25 cm	0 - 30 cm	0 - 27 cm	0 - 26 cm	0 - 27 cm	0 - 27 cm	0 - 28 cm	0 - 29 cm	0 - 28 cm	0 - 26 cm	0 - 27 cm	0 - 28 cm	0 - 29 cm
52663-66-8	PCB130	pg/g	102 T	86.5	157	150	179	57.3	28900	197	141	80.7	4960	8320	33.8	252	23.2	74.4
61798-70-7	PCB131	pg/g	2.51 UT	2.44 U	2.5 U	2.5 U	2.5 U	8.28 U	121 U	12.4 U	2.49 U	2.53 U	27.2	64.5	2.5 U	2.48 U	2.46 U	1.67 U
PCB132_161	PCB132 & 161	pg/g	491 T	396	747	609	924	279	169000	1000	685	369	20300	30800	127	1340	126	297
PCB133_142	PCB133 & 142	pg/g	62.2 T	48.3	139	64.2	88.2	34.3	13700	102	70.5	63.3	1720	3170	18.5	138	14.9	37.9
PCB134_143	PCB134 & 143	pg/g	90.3 T	71.3	265	107	155	51	29600	178	120	75.7	3530	5810	24.8	188	23.7	55.4
52744-13-5	PCB135	pg/g	290 T	195	535	318	530	150	88900	460	286	247	11000	14000	89.8	771	78.9	170
38411-22-2	PCB136	pg/g	261 T	194	587	310	599	148	108000	456	282	211	11200	13600	87.8	623	75.6	168
35694-06-5	PCB137	pg/g	65.1 T	50.8	91	101	100	35.7	18100	153	102	63.4	4280	7090	15.4	54.5	16.9	65.7
PCB138_163_164	PCB138 & 163 & 164	pg/g	1580 T	1500	2540	2200	3220	1090	598000	3600	2410	1320	72200	102000	526	6430	506	1340
PCB139_149	PCB139 & 149	pg/g	1690 T	1080	2790	1960	3390	883	577000	2730	1790	1200	78700	89900	533	5200	481	1010
59291-64-4	PCB140	pg/g	17.1 T	10.2	31.3	19.6	27.4	9.33	3380	22.1	15.7	22	618	1050	6.61	33.7	4.38	11.5
52712-04-6	PCB141	pg/g	316 T	297	320	402	711	214	154000	753	468	239	12400	17000	92.7	1810	92.9	236
68194-14-9	PCB144	pg/g	85.6 T	61	81.1	101	195	47	37400	177	98.9	59	4220	5350	24.5	303	25.2	52.9
74472-40-5	PCB145	pg/g	2.51 UT	2.44 U	2.5 U	2.5 U	2.5 U	8.28 U	186	12.4 U	2.49 U	2.53 U	45.2	143	2.5 U	2.48 U	2.46 U	1.67 U
PCB146_165	PCB146 & 165	pg/g	338 T	286	503	336	533	189	88500	569	390	312	7690	13800	98.3	1120	86.1	187
68194-13-8	PCB147	pg/g	61.5 T	35.9	325	55.6	91.7	27.4	6490	61.7	51	52.2	2620	4170	28.2	37.8	15.9	48.3
74472-41-6	PCB148	pg/g	9.45 T	6.11	27.2	6.45	10.4	6.24 J	768	10.3 J	6.89	14.6	118	270	4.4	14.4	2.58	5.19
68194-08-1	PCB150	pg/g	8.1 T	5.4	34	5.55	11.9	4.84 J	517	8.44 J	5.62	9.75	113	344	4.44	8.84	2.63	6.74
52663-63-5	PCB151	pg/g	493 T	343	735	538	1090	272	199000	809	506	332	18000	19100	160	1550	147	281
68194-09-2	PCB152	pg/g	3.07 T	2.44 U	16	2.61	4.08	1.86 J	376	3.92 J	2.53	2.53 U	129	403	2.5 U	2.48 U	2.46 U	3.2
35065-27-1	PCB153	pg/g	1690 T	1560	2370	1940	3270	1130	647000	3460	2300	1270	57400	77500	524	7530	509	1170
60145-22-4	PCB154	pg/g	52 T	34	150	43.2	73.6	27.9	5960	51	38.9	60.2	846	1610	18.1	85.4	12.9	28.4
33979-03-2	PCB155	pg/g	2.51 UT	2.44 U	2.5 U	2.5 U	2.5 U	8.28 U	121 U	12.4 U	2.49 U	2.53 U	11.7 U	24.9 U	2.5 U	2.48 U	2.46 U	1.67 U
38380-08-4	PCB156	pg/g	124 T	119	157	183	209	84.4	44200	276	194	136	6390	10300	34.9	517	35.5	135
69782-90-7	PCB157	pg/g	30.4 T	25	32.9	43.5	45.2	17.6	7170	64.6	46.8	28.9	1730	2790	7.36	54.2	8	28.9
PCB158_160	PCB158 & 160	pg/g	150 T	140	197	235	318	101	60800	358	240	147	8780	13000	49.6	586	47	150
39635-35-3	PCB159	pg/g	22.7 T	23.3	22.5	29.1	55.5	19.2	10000	51.8	34.9	13	762	1190	7.57	195	7.05	15
41411-63-6	PCB166	pg/g	4.5 T	3.97	6.24	7.35	7.79	2.77 J	1270	10.5 J	7.77	5.49	319	469	2.5 U	3.96	2.46 U	4.73
52663-72-6	PCB167	pg/g	58.6 T	50.6	69	78	92.2	39.4	16300	127	86.2	56.2	2770	4670	15.8	223	16.5	53.1
59291-65-5	PCB168	pg/g	3.32 T	2.44 U	5.82	6.38	9.5	2.11 J	1110	9.49 J	3.69	3.24	146	247	2.5 U	7.05	2.46 U	4.48
32774-16-6	PCB169	pg/g	0.789 UT	0.776 U	0.738 U	1.07 U	1.02 U	0.714 U	29.5 U	1.25 J	1.4 U	0.601 U	10.4 U	87.9	0.581 U	2 U	0.611 U	1.08 U
35065-30-6	PCB170	pg/g	508 T	474	410	580	938	353	213000	1090	710	272	13700	16800	156	6100	132	383
52663-71-5	PCB171	pg/g	154 T	133	122	161	284	102	60600	321	194	77	3800	5220	41.4	1600	38.1	100
52663-74-8	PCB172	pg/g	96.8 T	85.1	72.7	105	176	64.5	38200	196	129	47.1	2330	5330	26.1	1090	24.1	62.6
68194-16-1	PCB173	pg/g	12.4 T	10.9	9.85	14.8	23.2	10	5300	28.9	16.3	7.08	346	503	3.16	139	3.53	8.7
38411-25-5	PCB174	pg/g	630 T	561	472	698	1270	425	284000	1340	833	295	17000	22400	169	6390	153	376
40186-70-7	PCB175	pg/g	26.4 T	21.8	21.6	31.2	57.2	19.1	10400	58.1	37.3	12.7	849	1760	8.29	274	7.58	17.2
52663-65-7	PCB176	pg/g	80.5 T	69.2	65	92.1	189	56.9	36200	174	104	38.8	2430	3280	24.3	711	20.9	48.5
52663-70-4	PCB177	pg/g	385 T	327	290	398	723	264	155000	748	466	200	8610	10900	104	3210	97.8	230
52663-67-9	PCB178	pg/g	140 T	122	127	149	297	102	52400	277	173	78.9	3730	5420	47.4	1070	40.8	89.6
52663-64-6	PCB179	pg/g	333 T	263	257	334	730	217	133000	640	390	160	9390	11300	91.7	2150	85.6	183
35065-29-3	PCB180	pg/g	1380 T	1220	1010	1540	2670	932	583000	2910	1900	645	41800	53200	390	15400	353	930
74472-47-2	PCB181	pg/g	5.18 T	5.77	4	12.1	23.9	8.28 U	2580	15.4	10.9	2.76	228	521	2.5 U	231	2.46 U	6.54
PCB182_187	PCB182 & 187	pg/g	878 T	744	717	965	1880	616	332000	1750	1110	422	28800	38500	275	6870	249	524
52663-69-1	PCB183	pg/g	360 T	304	275	400	779	250	149000	788	473	162	12000	16600	111	3540	96.6	236
74472-48-3	PCB184	pg/g	2.51 UT	2.44 U	2.5 U	2.5 U	2.5 U	8.28 U	121 U	12.4 U	2.49 U	2.53 U	22.2	147	2.5 U	2.48 U	2.46 U	1.67 U
52712-05-7	PCB185	pg/g	75.3 T	64.5	50.6	77.7	164	50.6	33300	160	98.5	30.7	2210	2800	18.1	774	19.3	42.5
74472-49-4	PCB186	pg/g	2.51 UT	2.44 U	2.5 U	2.5 U	2.5 U	8.28 U	121 U	12.4 U	2.49 U	2.53 U	12.8	74.3	2.5 U	2.48 U	2.46 U	1.67 U
74487-85-7	PCB188	pg/g	2.51 UT	2.44 U	4.97	2.5 U	3.06	8.28 U	121 U	12.4 U	2.49 U	2.53 U	38.8	242	2.5 U	2.7	2.46 U	1.73
39635-31-9	PCB189	pg/g	18.2 T	17.4	16.7	22.2	31.7	13.6	7010	39.7	26.6	11.3	544	1580	5.75	246	4.33 U	15.4

Table 3-1. Round 2A Archived Surface Sediment PCB Congener Results and Associated PCB Aroclor Results.

		Location Name	G439	G440	G446	G447	G448	G452	G453	G457	G461	G463	G473	G477	G481	G485	G486	G490
		X_Easting	7631601.11	7632319.34	7635679.36	7632623	7633100.52	7634063.07	7633492.63	7633927.35	7634379.94	7637255.4	7634734.5	7635231.42	7638611.24	7636559.91	7637428.02	7639787.95
		Y_Northing	697650.07	697554.29	697209.12	697105.19	697061.04	696763.46	696752.38	696548.95	696295.79	696262.06	695987.57	695714.98	695488.9	695082.87	694966.14	694548.67
		Sample ID	LW2-G439	LW2-G440	LW2-G446	LW2-G447	LW2-G448	LW2-G452	LW2-G453	LW2-G457	LW2-G461	LW2-G463	LW2-G473	LW2-G477	LW2-G481	LW2-G485	LW2-G486	LW2-G490
		Sample Type Code	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		Parent Sample	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		Sample Date	09/09/2004	08/31/2004	09/01/2004	08/31/2004	08/31/2004	08/24/2004	08/31/2004	08/31/2004	08/31/2004	09/01/2004	09/01/2004	09/01/2004	09/02/2004	08/31/2004	08/31/2004	09/02/2004
		Depth Interval	0 - 26 cm	0 - 26 cm	0 - 28 cm	0 - 25 cm	0 - 30 cm	0 - 27 cm	0 - 26 cm	0 - 27 cm	0 - 27 cm	0 - 28 cm	0 - 29 cm	0 - 28 cm	0 - 26 cm	0 - 27 cm	0 - 28 cm	0 - 29 cm
41411-64-7	PCB190	pg/g	101 T	96.3	81.9	116	203	75.5	45000	221	148	54.9	2960	3140	33.2	1340	28.3	79.6
74472-50-7	PCB191	pg/g	19.2 T	17.9	15.9	22.6	35.5	13.3	8950	43.7	26.6	10.9	564	797	6.26	253	4.57	13.9
74472-51-8	PCB192	pg/g	2.51 UT	2.44 U	2.5 U	2.5 U	2.5 U	8.28 U	121 U	12.4 U	2.49 U	2.53 U	12.1	47.6	2.5 U	2.48 U	2.46 U	1.67 U
69782-91-8	PCB193	pg/g	66 T	58	49.8	71.5	126	46.5	26900	133	82.8	33.2	1670	2120	20.3	694	17.6	43.8
35694-08-7	PCB194	pg/g	360 T	304	194	409	586	230	128000	720	491	122	17300	27900	85.3	4250	83.3	206
52663-78-2	PCB195	pg/g	145 T	122	87.8	152	262	105	63500	302	186	52.1	4710	6940	36.7	1940	35.5	95.1
PCB196_203	PCB196 & 203	pg/g	417 T	358	247	548	727	266	149000	897	592	137	26900	46300	116	4440	103	239
33091-17-7	PCB197	pg/g	13.8 T	11.4	8.68	15.9	25.8	8.12 J	5020	29.1	17	5.1	547	1230	3.55	149	3.42	8.15
68194-17-2	PCB198	pg/g	20.2 T	19.7	11.6	27.2	45.1	12.9	7420	47.2	37.3	6.36	1020	2330	4.88	237	4.86	16.9
52663-75-9	PCB199	pg/g	404 T	329	224	515	662	239	148000	823	541	128	25100	45400	106	3650	110	196
52663-73-7	PCB200	pg/g	51.6 T	39.8	28.7	60.2	90.5	28.2	19200	103	64.6	16.6	2600	4650	12.6	540	12.8	26.6
40186-71-8	PCB201	pg/g	58.8 T	44.1	30.9	65.5	106	33.5	19200	110	70.3	18.2	2700	5480	12.8	482	13.3	28.7
2136-99-4	PCB202	pg/g	102 T	75.7	51.8	115	180	63.9	30400	187	121	29.3	4990	9000	21	581	27.5	44.5
74472-52-9	PCB204	pg/g	2.51 UT	2.44 U	2.5 U	2.5 U	2.5 U	8.28 U	121 U	12.4 U	2.49 U	2.53 U	11.7 U	139	2.5 U	2.48 U	2.46 U	1.67 U
74472-53-0	PCB205	pg/g	13.8 T	13	8.41	16.8	21.3	10.5	6040	31	18.3	5.71	582	852	4.02	206	3.58	7.4
40186-72-9	PCB206	pg/g	249 T	254	71.5	377	544	197	165000	613	361	49.9	18400	27800	40.9	993	74.5	80.1
52663-79-3	PCB207	pg/g	29.8 T	24.9	9.84	38.2	52.7	20.5	13200	59.1	37	5.6	1940	3400	4.98	131	7.8	9.8
52663-77-1	PCB208	pg/g	69.2 T	77.6	19.4	108	176	57.6	59400	190	96.9	13.3	3820	5960	11.9	171	23.4	20.3
2051-24-3	PCB209	pg/g	213 T	372	27.2	342	824	152	327000	698	294	37.5	6400	5820	37.8	408	62.7	56.2
27323-18-8	Monochlorobiphenyl	pg/g	59.2 T	54.9	23.1	61.7	111	39.9	362000	252	53.5	32.5	3150 J	746	26.6	68	17.9	31
25512-42-9	Dichlorobiphenyl	pg/g	508 T	842	367	914	2160	757	1640000	3350	1450	252	145000 J	10300	283	518	267	669
25323-68-6	Trichlorobiphenyl	pg/g	1930 T	5200	8940	5930	15200	2010	9690000	21200	10900	582	470000	48000	610	2320	555	1640
26914-33-0	Tetrachlorobiphenyl	pg/g	4630 T	9790	49100	12100	25000	4280	12800000	35500	19300	2540	749000	268000	1800	4660	1400	3330
25429-29-2	Pentachlorobiphenyl	pg/g	8030 T	7450	31100	12500	17000	4760	4640000	22400	13300	6400	520000	679000	2270	7880	2270	4890
26601-64-9	Hexachlorobiphenyl	pg/g	8390 T	6860	13300	10300	16400	5100	2990000	16300	10800	6640	349000	473000	2610	29600	2440	5890
28655-71-2	Heptachlorobiphenyl	pg/g	5260 T	4600	4080	5790	10600	3610	2180000	10900	6930	2560	153000	203000	1530	52000	1380	3390
55722-26-4	Octachlorobiphenyl	pg/g	1590 T	1320	892	1920	2710	997	576000	3250	2140	520	86400	150000	403	16500	397	868
53742-07-7	Nonachlorobiphenyl	pg/g	348 T	357	101	524	773	275	238000	863	495	68.8	24100	37200	57.8	1290	106	110
1336-36-3	Polychlorinated biphenyls	pg/g	30900 T	36800	108000	50400	90700	22000	35400000	115000	65700	19600	2510000	1880000	9620	115000	8890	20900
12767-79-2	Total PCB Aroclors	ug/kg	46.8 T	29.4 JT	183 JT	67 JT	90 JT	8.7 T	27400 JT	142 JT	79.1 JT	24.7 JT	1470 T	2360 T	75.2 T	50.3 JT	19.4 JT	6.88 T
12674-11-2	Aroclor 1016	ug/kg	2.13 U	1.97 UJ	7.45 U	1.79 UJ	6.7 UJ	2.6 U	1310 UJ	3.85 UJ	4.3 UJ	1.49 U	53.9 U	51 U	1.61 U	1.62 UJ	1.99 UJ	2.2 U
11104-28-2	Aroclor 1221	ug/kg	3.95 U	3.65 UJ	13.8 U	3.32 UJ	12.4 UJ	4.8 U	2420 UJ	7.14 UJ	7.97 UJ	10.7	99.8 U	94.4 U	61.6	3.23 UJ	3.69 UJ	4.07 U
11141-16-5	Aroclor 1232	ug/kg	3.57 U	3.29 UJ	12.5 U	3 UJ	11.2 UJ	4.4 U	2190 UJ	6.45 UJ	7.2 UJ	2.5 U	90.2 U	85.2 U	2.69 U	3.23 UJ	3.33 UJ	3.67 U
53469-21-9	Aroclor 1242	ug/kg	2.17 U	2 UJ	7.58 U	1.82 UJ	6.82 UJ	2.7 U	1330 UJ	3.92 UJ	4.38 UJ	1.52 U	54.8 U	51.8 U	1.64 U	3.23 UJ	2.03 UJ	2.23 U
12672-29-6	Aroclor 1248	ug/kg	4.57	15.7 J	88.6 J	18.6 J	36.6 J	3.4 U	22300 J	56.8 J	23 J	1.95 U	701	302	6.4	2.11 UJ	2.6 UJ	2.86 U
11097-69-1	Aroclor 1254	ug/kg	23.6	1.2 UJ	94.2 J	32.4 J	37.3 J	1.6 U	794 UJ	57.8 J	38.3 J	7.79 J	32.8 U	1650	0.979 U	30.2 J	13.7 J	1.33 U
11096-82-5	Aroclor 1260	ug/kg	18.6	13.7 J	5.81 U	16 J	16.1 J	8.7	5070 J	26.9 J	17.8 J	6.22 J	770	411	7.24	20.1 J	5.74 J	6.88
37324-23-5	Aroclor 1262	ug/kg	1.99 U	1.84 UJ	6.96 U	1.67 UJ	6.26 UJ	2.4 U	1220 UJ	3.6 UJ	4.02 UJ	1.39 U	50.3 U	47.6 U	1.5 U	1.51 UJ	1.86 UJ	2.05 U
11100-14-4	Aroclor 1268	ug/kg	1.71 U	1.58 UJ	5.98 UJ	1.44 UJ	5.38 UJ	5.2 UJ	1050 UJ	3.09 UJ	3.45 UJ	1.2 UJ	43.2 UJ	40.9 UJ	1.29 U	1.3 UJ	1.6 UJ	1.76 U

Table 3-1. Round 2A Archived Surface Sediment PCB Congener Results and Associated PCB Aroclor Results.

		Location Name	G492-1	G494	G496	G500	G503	G506	G509	G516	G518	G519-1	U2C-2	U4Q-1
		X_Easting	7637613.84	7637235.71	7639460.23	7640513.39	7639644.06	7640029.07	7641763.04	7642843.55	7641992.08	7618414.24	7645831.515	7651296.608
		Y_Northing	694310	694148.89	693963.05	693344.76	692775.06	692434.5	691730.32	690410.51	689902.84	715494.8	665246.9823	652815.0552
		Sample ID	LW2-G492-1	LW2-G494	LW2-G496	LW2-G500	LW2-G503	LW2-G506	LW2-G509	LW2-G516	LW2-G518	LW2-G519-1	LW2-U2C-2	LW2-U4Q-1
		Sample Type Code	N	N	N	N	N	N	N	N	N	N	FR	N
		Parent Sample	--	--	--	--	--	--	--	--	--	--	LW2-U2C-1	--
		Sample Date	08/24/2004	09/03/2004	09/02/2004	09/03/2004	09/02/2004	09/03/2004	09/03/2004	09/03/2004	09/03/2004	08/16/2004	11/05/2004	11/04/2004
		Depth Interval	0 - 27 cm	0 - 26 cm	0 - 25 cm	0 - 26 cm	0 - 23 cm	0 - 29 cm	0 - 26 cm	0 - 25 cm	0 - 25 cm	0 - 29 cm	0 - 20 cm	0 - 26 cm
CAS No	**Chemical Name**	**Unit**												
2051-60-7	PCB001	pg/g	62.4 J	690	5.04	5.32	962	46.2	14.8	10.6	9.31	43.4 J	7.99	1.91 J
2051-61-8	PCB002	pg/g	13.2	37.9	3.57	9.08	103	17.4	7.83	3.41	8.4	23.6	6.77	11.9
2051-62-9	PCB003	pg/g	61.9 J	401	4.19	5.57	326	23.9	5.34	5.77	10.2	44.7 J	13.9	2.55 J
PCB004_010	PCB004 & 010	pg/g	541	4750	122	80	284	98.1	204	131	25.6	354	14.6	4.75
PCB005_008	PCB005 & 008	pg/g	1610	5720	25.2	53.6	397	196	36.7	68.9	71.4	1410	60.1	14.8
25569-80-6	PCB006	pg/g	598	2640	7.33	12.8	127	53.7	10.3	26.9	15.3	285	15.7	3.35
PCB007_009	PCB007 & 009	pg/g	106	409	4.96 U	6.64	59.9	17.4	6.43	8.1	5.03 U	135	7.92	2.49 U
2050-67-1	PCB011	pg/g	180	358	53.1	112	88.8	146	149	84.5	75.2	214	94.6	140
PCB012_013	PCB012 & 013	pg/g	118	364	4.57	7.98	86.3	17.1	5.63	6.8	5.03 U	108	15.3	2.49 U
34883-41-5	PCB014	pg/g	4.97 U	9.94 U	4.96 U	4.91 U	9.63 U	5.1 U	5 U	4.96 U	5.03 U	4.99 U	5.02 U	2.49 U
2050-68-2	PCB015	pg/g	986	2960 J	21.8	57.9	386	111 J	38.1	61.6	48.6 J	855	104	16.9
PCB016_032	PCB016 & 032	pg/g	1410	4060	66.7	96.9	330	231	56.5	144	78.1	1290	91	14.7
37680-66-3	PCB017	pg/g	998	2770	49.6	101	174	134	98.8	423	56.1	844	62.4	9.97
37680-65-2	PCB018	pg/g	2230	6110	53.1	123	385	271	55.6	139	84.1	2060	151	23.7
38444-73-4	PCB019	pg/g	335	2240	112	180	84.1	58.4	243	303	16.6	218	9.57	2.5
PCB020_021_033	PCB020 & 021 & 033	pg/g	1490	2800	41.4	99	225	205	42	76.2	116	1960	125	21.8
38444-85-8	PCB022	pg/g	927	1840	26.6	70.6	146	129	32.3	53.2	67	1150	88.5	16.2
55720-44-0	PCB023	pg/g	3.7	4.97 U	2.48 U	2.45 U	4.82 U	2.55 U	2.5 U	2.48 U	2.52 U	3.65	2.51 U	1.24 U
PCB024_027	PCB024 & 027	pg/g	182	669	15.2	28.5	33.3	30.5	28.9	61.1	9.02	159	10.6	2.2
55712-37-3	PCB025	pg/g	345	880	22.1	20.7	41.5	74.9	19.5	32.4	20.2	293	67.6	4.96
38444-81-4	PCB026	pg/g	539	1400	37.7	34.9	75.3	127	35.7	40.9	29.5	498	106	7.98
7012-37-5	PCB028	pg/g	2670	4970	84.2	195	475	459	110	185	226	2850	378	53.6
15862-07-4	PCB029	pg/g	16.5	26.5	2.48 U	2.45 U	4.82 U	2.55 U	2.5 U	2.48 U	2.52 U	26.3	2.51 U	1.24 U
35693-92-6	PCB030	pg/g	2.48 U	4.97 U	2.48 U	2.45 U	4.82 U	2.55 U	2.5 U	2.48 U	2.52 U	2.5 U	2.51 U	1.24 U
16606-02-3	PCB031	pg/g	2330	5050	58.6	161	446	348	80.1	134	151	2850	253	42.5
37680-68-5	PCB034	pg/g	17.1	35.1	2.48 U	2.45 U	4.82 U	3.31	2.5 U	2.48 U	2.52 U	12.6	2.98	1.24 U
37680-69-6	PCB035	pg/g	31.5	61.7	2.95	4.67	5.2	8.25	3.38	3.67	4.8	43.2	10.3	2.2
38444-87-0	PCB036	pg/g	2.48 U	4.97 U	2.48 U	2.45 U	4.82 U	2.55 U	2.5 U	2.48 U	2.52 U	2.5 U	2.51 U	1.24 U
38444-90-5	PCB037	pg/g	715	1210	21.3	57.7	103	115	33.8	46.2	66.4	822	117	18.8
53555-66-1	PCB038	pg/g	28.6	191	10	4.04	22.4	12	4.2	12.5	2.52 U	13	3.92	1.24 U
38444-88-1	PCB039	pg/g	4.8	9.62	2.48 U	2.45 U	4.82 U	2.55 U	2.5 U	2.48 U	2.52 U	2.5 U	2.51 U	1.24 U
38444-93-8	PCB040	pg/g	308	567	20.8	16.9	288	171	18.9	45.3	45.6	387	83.1	7.36
PCB041_064_071_	PCB041 & 064 &071 &072	pg/g	1640	3720	235	155	2130	933	138	306	257	1700	637	52.9
PCB042_059	PCB042 & 059	pg/g	646	1260	58.7	67.6	459	321	44	90	92.4	762	215	21.7
PCB043_049	PCB043 & 049	pg/g	2630	9770	733	315	3400	1380	314	510	330	1620	695	66.2
41464-39-5	PCB044	pg/g	1690	3540	170	219	5240	1570	166	291	350	2190	725	76
70362-45-7	PCB045	pg/g	333	711	17	33.4	154	127	15	50.3	34.8	395	53.8	7.94
41464-47-5	PCB046	pg/g	172	520	27	20.1	89.5	66.9	13.2	35.8	16.8	164	23.3	3.32
2437-79-8	PCB047	pg/g	1750	10500	605	253	1500	619	261	750	132	643	235	27.1
PCB048_075	PCB048 & 075	pg/g	406	688	41.1	50.8	289	169	33.6	59.2	49.6	497	114	12.4
62796-65-0	PCB050	pg/g	12.3	51.5	4.48	10.6	4.82 U	5.76	13.1	157	2.52 U	8.67	2.51 U	1.24 U
68194-04-7	PCB051	pg/g	684	4880	314	91.5	494	252	99.3	298	20.4	135	17.1	2.63
PCB052_069	PCB052 & 069	pg/g	2650	7390	686	435	11300	2610	428	664	552	2150	1040	102
41464-41-9	PCB053	pg/g	1010	5090	428	164	541	346	168	329	46.2	348	55.4	8.81
15968-05-5	PCB054	pg/g	79.1	578	34.2	38.9	56.4	27.3	42.9	125	2.52 U	13.8	2.51 U	1.24 U
74338-24-2	PCB055	pg/g	33.6	112	5.72	5.23	37.3	19.2	4.03	10.4	6.2	32.2	10	1.24 U
PCB056_060	PCB056 & 060	pg/g	777	1210	43.7	105	533	426	72.1	120	174	850	277	40.9
70424-67-8	PCB057	pg/g	15.8	40.1	2.48 U	2.23	5.23	7.27	3	7.65	2.52 U	11.4	4.59	1.24 U
41464-49-7	PCB058	pg/g	6.53	20.7	2.48 U	2.45 U	4.82 U	4.5	2.5 U	6.48	2.72	4.99 U	4.18	1.24 U

Table 3-1. Round 2A Archived Surface Sediment PCB Congener Results and Associated PCB Aroclor Results.

		Location Name	G492-1	G494	G496	G500	G503	G506	G509	G516	G518	G519-1	U2C-2	U4Q-1
		X_Easting	7637613.84	7637235.71	7639460.23	7640513.39	7639644.06	7640029.07	7641763.04	7642843.55	7641992.08	7618414.24	7645831.515	7651296.608
		Y_Northing	694310	694148.89	693963.05	693344.76	692775.06	692434.5	691730.32	690410.51	689902.84	715494.8	665246.9823	652815.0552
		Sample ID	LW2-G492-1	LW2-G494	LW2-G496	LW2-G500	LW2-G503	LW2-G506	LW2-G509	LW2-G516	LW2-G518	LW2-G519-1	LW2-U2C-2	LW2-U4Q-1
		Sample Type Code	N	N	N	N	N	N	N	N	N	N	FR	N
		Parent Sample	--	--	--	--	--	--	--	--	--	--	LW2-U2C-1	--
		Sample Date	08/24/2004	09/03/2004	09/02/2004	09/03/2004	09/02/2004	09/03/2004	09/03/2004	09/03/2004	09/03/2004	08/16/2004	11/05/2004	11/04/2004
		Depth Interval	0 - 27 cm	0 - 26 cm	0 - 25 cm	0 - 26 cm	0 - 23 cm	0 - 29 cm	0 - 26 cm	0 - 25 cm	0 - 25 cm	0 - 29 cm	0 - 20 cm	0 - 26 cm
PCB061_070	PCB061 & 070	pg/g	1430	2970	110	233	3270	1720	201	284	472	1630	707	99.6
54230-22-7	PCB062	pg/g	2.48 U	4.97 U	2.48 U	2.45 U	4.82 U	2.55 U	2.5 U	2.48 U	2.52 U	4.99 U	2.51 U	1.24 U
74472-34-7	PCB063	pg/g	53.1	86	3.71	7.04	47.1	33.3	5.86	8.48	13.1	60.2	22	2.92
33284-54-7	PCB065	pg/g	2.48 U	4.97 U	2.48 U	2.45 U	4.82 U	2.55 U	2.5 U	2.48 U	2.52 U	4.99 U	2.51 U	1.24 U
PCB066_076	PCB066 & 076	pg/g	1240	2390	83.6	187	1050	801	149	213	323	1270	544	76.9
73575-53-8	PCB067	pg/g	67.8	112	4.64	6.84	16	19.8	5.72	6.43	9.46	66.8	39.8	2.06
73575-52-7	PCB068	pg/g	25.6	119	24.3	2.84	30.8	12.6	4.23	7.8	7.77	11.2	14.6	1.24 U
74338-23-1	PCB073	pg/g	2.48 U	219	30	13	197	2.55 U	12.1	28.6	2.52 U	4.99 U	25.7	1.24 U
32690-93-0	PCB074	pg/g	605	1010	38.7	84.5	856	437	62.9	94.7	133	698	218	35.6
32598-13-3	PCB077	pg/g	153	287	10.3	28.7	34.1	53.5	16.2	21.2	32.6	118	56.8	9.86
70362-49-1	PCB078	pg/g	2.48 U	13.9	2.48 U	2.45 U	4.82 U	2.55 U	2.5 U	2.48 U	2.91	4.99 U	2.51 U	1.24 U
41464-48-6	PCB079	pg/g	33.6	130	6.06	5.64	76.5	30.7	4.59	7.02	12.6	17	14	1.99
33284-52-5	PCB080	pg/g	2.48 U	4.97 U	2.48 U	2.45 U	4.82 U	2.55 U	2.5 U	2.48 U	2.52 U	4.99 U	2.51 U	1.24 U
70362-50-4	PCB081	pg/g	4.04	10.1	0.633 J	0.802 J	23	10.6	0.75 J	1.2 J	2.95	3.53 J	1.28 J	0.348 J
52663-62-4	PCB082	pg/g	176	633	27.2	50	619	451	38.2	55.2	102	201	137	17.7
60145-20-2	PCB083	pg/g	2.48 U	4.97 U	2.48 U	2.45 U	4.82 U	2.55 U	2.5 U	2.48 U	2.52 U	4.99 U	2.51 U	1.24 U
PCB084_092	PCB084 & 092	pg/g	1520	4870	208	248	4110	1660	208	330	485	566	643	65.8
PCB085_116	PCB085 & 116	pg/g	243	923	40.8	64.5	1080	540	62.3	78.7	140	226	243	31.4
55312-69-1	PCB086	pg/g	6.7	13.1	2.48 U	2.45 U	33.3	8.95	2.5 U	2.84	2.52 U	9.77	5.05	1.24 U
PCB087_117_125	PCB087 & 117 & 125	pg/g	671	2460	113	191	3310	1380	162	209	378	517	554	61.1
PCB088_091	PCB088 & 091	pg/g	741	3750	288	132	1470	592	122	338	153	233	243	21.7
73575-57-2	PCB089	pg/g	21.6	64.5	4.31	3.91	72.3	31.8	3.65	10	7.3	20.5	13.6	1.6
PCB090_101	PCB090 & 101	pg/g	4830	15200	492	912	13500	3780	614	834	1300	1340	1680	166
73575-56-1	PCB093	pg/g	2.48 U	13.1	2.48 U	2.45 U	4.82 U	2.55 U	2.5 U	2.48 U	2.52 U	4.99 U	2.51 U	1.24 U
73575-55-0	PCB094	pg/g	37.5	230	23.8	15.3	75.1	28.9	14.6	21.2	4.65	12.6	6.23	1.24 U
PCB095_098_102	PCB095 & 098 & 102	pg/g	4100	13500	609	754	11800	3030	550	988	1020	1100	1310	109
73575-54-9	PCB096	pg/g	91	587	47.6	9.83	97.8	2.55 U	12.4	60.5	6.17	21	2.51 U	1.24 U
41464-51-1	PCB097	pg/g	466	1750	96.4	125	2280	1010	112	155	287	413	442	46.7
38380-01-7	PCB099	pg/g	1620	5640	242	232	3520	1500	215	337	458	621	680	88
39485-83-1	PCB100	pg/g	181	1310	75.7	33.9	184	51.9	36.9	270	9.74	15.7	6.74	1.24 U
60145-21-3	PCB103	pg/g	247	997	63.1	36.7	149	53.8	36.7	242	18.6	19.2	22.7	1.24 U
56558-16-8	PCB104	pg/g	8.02	65.1	6.05	4.3	4.82 U	4.14 U	5.03	37.2	2.52 U	4.99 U	2.51 U	1.24 U
32598-14-4	PCB105	pg/g	539	1780	66.3	209	1490	1270	121	165	290	539	389	60.2
PCB106_118	PCB106 & 118	pg/g	1830	6020	226	575	5580	3200	380	453	912	1200	1200	153
PCB107_109	PCB107 & 109	pg/g	179	592	26.5	39.6	330	238	31.3	45.9	74.2	94.8	101	14.5
PCB108_112	PCB108 & 112	pg/g	85.9	310	21.4	20.9	341	152	19	30.3	48.8	58.7	73.8	7.22
38380-03-9	PCB110	pg/g	2930	10100	433	710	9830	4170	560	820	1380	1490	1920	193
PCB111_115	PCB111 & 115	pg/g	32.1	79.3	5.53	8.4	167	53.7	5.89	9.71	17.5	24.7	24.3	3.56
68194-10-5	PCB113	pg/g	22.2	84.2	11.7	4.46	34.8	20.5	6.16	14.2	2.52 U	4.99 U	9.81	1.24 U
74472-37-0	PCB114	pg/g	24.8	85.6	3.6	9.87	95.8	77.6	6.88	9.45	14.9	29.7	22.8	3.26
56558-17-9	PCB119	pg/g	226	862	51.5	28.7	158	76	30	104	30.5	31.5	53.7	5.62
68194-12-7	PCB120	pg/g	27.6	81.2	3.72	3.82	59.5	6.02	2.5 U	4.75	3.69	4.99 U	6.47	1.24 U
56558-18-0	PCB121	pg/g	2.48 U	4.97 U	5.17	2.45 U	4.82 U	2.55 U	2.86	32.2	2.52 U	4.99 U	2.51 U	1.24 U
76842-07-4	PCB122	pg/g	15.4	60.9	2.48 U	6.15	45.2	39.8	4.01	6.12	9.05	17.1	11.7	2.3
65510-44-3	PCB123	pg/g	22.7	84.5	3.46	8.95	75.6	52.2	6.23	7.84	12	21	17.2	3.61
70424-70-3	PCB124	pg/g	69	260	7.85	24.9	267	137	15.4	21.4	46.7	52.6	41.8	6.48
57465-28-8	PCB126	pg/g	20.3	62	1.94 J	6.95	26.3	14.3	2.92	3.93	6.26	8.25	6.61	1.38
39635-33-1	PCB127	pg/g	2.48 U	4.97 U	2.48 U	2.45 U	4.82 U	2.55 U	2.5 U	2.48 U	2.52 U	4.99 U	2.51 U	1.24 U
PCB128_162	PCB128 & 162	pg/g	710	2320	46.8	184	1410	620	87.3	130	268	261	228	35.2
55215-18-4	PCB129	pg/g	165	562	13.7	40.6	407	191	22.1	35.7	70.6	72	63.5	7.57

Table 3-1. Round 2A Archived Surface Sediment PCB Congener Results and Associated PCB Aroclor Results.

		Location Name	G492-1	G494	G496	G500	G503	G506	G509	G516	G518	G519-1	U2C-2	U4Q-1
		X_Easting	7637613.84	7637235.71	7639460.23	7640513.39	7639644.06	7640029.07	7641763.04	7642843.55	7641992.08	7618414.24	7645831.515	7651296.608
		Y_Northing	694310	694148.89	693963.05	693344.76	692775.06	692434.5	691730.32	690410.51	689902.84	715494.8	665246.9823	652815.0552
		Sample ID	LW2-G492-1	LW2-G494	LW2-G496	LW2-G500	LW2-G503	LW2-G506	LW2-G509	LW2-G516	LW2-G518	LW2-G519-1	LW2-U2C-2	LW2-U4Q-1
		Sample Type Code	N	N	N	N	N	N	N	N	N	N	FR	N
		Parent Sample	--	--	--	--	--	--	--	--	--	--	LW2-U2C-1	--
		Sample Date	08/24/2004	09/03/2004	09/02/2004	09/03/2004	09/02/2004	09/03/2004	09/03/2004	09/03/2004	09/03/2004	08/16/2004	11/05/2004	11/04/2004
		Depth Interval	0 - 27 cm	0 - 26 cm	0 - 25 cm	0 - 26 cm	0 - 23 cm	0 - 29 cm	0 - 26 cm	0 - 25 cm	0 - 25 cm	0 - 29 cm	0 - 20 cm	0 - 26 cm
52663-66-8	PCB130	pg/g	454	1240	33.4	72.6	833	206	33.1	61.2	112	102	126	12.1
61798-70-7	PCB131	pg/g	2.48 U	4.97 U	2.48 U	2.45 U	4.82 U	2.55 U	2.5 U	2.48 U	2.52 U	4.99 U	2.51 U	1.24 U
PCB132_161	PCB132 & 161	pg/g	2890	7960	144	521	5320	1080	223	361	632	443	502	53.6
PCB133_142	PCB133 & 142	pg/g	367	948	29.1	55	385	113	31.4	78	61.3	49.9	47.9	8.61
PCB134_143	PCB134 & 143	pg/g	479	1370	27.5	90.1	818	205	43.6	64.7	103	83.7	93.2	9.88
52744-13-5	PCB135	pg/g	1980	5260	143	328	3640	431	147	210	327	193	331	29.6
38411-22-2	PCB136	pg/g	2020	5890	171	343	4030	461	170	403	316	196	326	20.7
35694-06-5	PCB137	pg/g	110	406	13.1	37.7	284	211	21.5	32.5	63.4	77	66	9.55
PCB138_163_164	PCB138 & 163 & 164	pg/g	11200	30200	498	2030	20800	3490	864	1410	2210	1540	1700	237
PCB139_149	PCB139 & 149	pg/g	11800	32700	734	2170	28400	2450	862	1510	2010	1060	2190	156
59291-64-4	PCB140	pg/g	128	298	15.6	11.3	105	22.4	7.12	35.9	11.9	10.7	17.7	2.66
52712-04-6	PCB141	pg/g	2900	7860	88	513	5720	646	189	216	465	286	309	37.4
68194-14-9	PCB144	pg/g	583	1870	24.1	136	1680	144	48.3	56.8	106	65.4	103	8.04
74472-40-5	PCB145	pg/g	2.48 U	4.97 U	2.48 U	2.45 U	4.82 U	2.55 U	2.5 U	3.57	2.52 U	4.99 U	2.51 U	1.24 U
PCB146_165	PCB146 & 165	pg/g	2700	6450	146	334	2880	492	163	328	340	250	269	51
68194-13-8	PCB147	pg/g	254	1450	70.8	48	335	102	44.2	345	33.3	41.3	55.9	4.08
74472-41-6	PCB148	pg/g	61.2	192	13.6	6.38	28.1	11.8	7.06	63.3	5.56	4.99 U	5.2	1.33
68194-08-1	PCB150	pg/g	64.1	277	23	9.2	26.5	9.36	8.3	59.3	4.99	4.99 U	4.95	1.24 U
52663-63-5	PCB151	pg/g	4240	11700	206	724	9040	651	283	429	556	309	579	45.4
68194-09-2	PCB152	pg/g	12.4	80.8	5.46	4.1	23.3	6.21	3.4	13.1	2.52 U	4.99 U	2.51 U	1.24 U
35065-27-1	PCB153	pg/g	14400	39000	551	2360	24300	2900	966	1830	2140	1440	1620	232
60145-22-4	PCB154	pg/g	443	1260	56.6	37.3	162	58.9	25.8	194	34.1	26.2	40.1	6.48
33979-03-2	PCB155	pg/g	2.87	16.5	2.48 U	2.45 U	4.82 U	2.55 U	2.5 U	9.63	2.52 U	4.99 U	2.51 U	1.24 U
38380-08-4	PCB156	pg/g	512	1560	28.5	134	1040	366	59.1	72.3	166	164	132	19.7
69782-90-7	PCB157	pg/g	67.1	244	5.51	20.2	126	82.1	10.4	22.2	28.6	35.7	26.7	4.73
PCB158_160	PCB158 & 160	pg/g	888	2660	43.8	189	1970	399	80	105	221	169	170	22
39635-35-3	PCB159	pg/g	265	670	8.43	41.2	439	28.2	15.1	94.5	30.2	19.5	16.2	3.13
41411-63-6	PCB166	pg/g	6.76	24.8	2.48 U	2.64	18.9	15.4	2.5 U	2.49	4.26	6.22	5.2	1.24 U
52663-72-6	PCB167	pg/g	263	832	12.6	58.6	500	135	25.5	34.2	72.7	63.7	53	8.99
59291-65-5	PCB168	pg/g	22.7	61.4	3.4	2.56	54.8	4.45	2.5 U	8.65	2.52 U	4.99 U	3.33	1.24 U
32774-16-6	PCB169	pg/g	2.19 U	6.87 J	0.691 U	0.772 U	3.85 U	0.87 U	0.611 U	0.648 U	0.81 U	0.793 U	0.509 U	0.362 U
35065-30-6	PCB170	pg/g	5470	14200	131	914	9800	642	305	335	823	384	341	56
52663-71-5	PCB171	pg/g	1490	4060	39.2	265	2610	184	90.4	127	227	103	96.5	15.8
52663-74-8	PCB172	pg/g	984	2610	25.3	157	1600	110	54.9	99	121	67	58.4	10.8
68194-16-1	PCB173	pg/g	119	344	3.34	21.6	213	17.2	7.12	8.42	16.5	9.28	8.79	1.48
38411-25-5	PCB174	pg/g	6710	16900	168	1090	11900	717	344	464	838	438	433	59.2
40186-70-7	PCB175	pg/g	245	723	8.31	45.8	524	31.1	15.4	26.1	2.52 U	16.7	21.6	2.55
52663-65-7	PCB176	pg/g	827	2120	26	141	1530	94	44.6	148	95.7	39.5	67.4	6.37
52663-70-4	PCB177	pg/g	4020	10100	116	621	6690	427	215	677	482	262	239	43.1
52663-67-9	PCB178	pg/g	1440	3520	55.2	230	2240	150	89.8	532	141	85.3	97.9	15.9
52663-64-6	PCB179	pg/g	3270	8220	111	524	5510	352	185	537	328	180	237	29.3
35065-29-3	PCB180	pg/g	15100	39000	351	2420	26700	1520	806	913	1940	993	830	139
74472-47-2	PCB181	pg/g	2.48 U	4.97 U	3.62	30.7	84.4	6.34	12.4	2.95	2.52 U	4.99 U	3.61	1.24 U
PCB182_187	PCB182 & 187	pg/g	9030	21400	298	1390	15200	914	491	3070	916	502	608	90.9
52663-69-1	PCB183	pg/g	3640	9320	102	634	7180	391	207	244	459	209	263	32
74472-48-3	PCB184	pg/g	3.31	9.46	2.48 U	2.45 U	4.82 U	2.55 U	2.5 U	7.17	2.52 U	4.99 U	2.51 U	1.24 U
52712-05-7	PCB185	pg/g	788	2130	17.2	132	1340	82.4	43.6	48.1	88.6	50.8	43.8	7.74
74472-49-4	PCB186	pg/g	2.48 U	4.97 U	2.48 U	2.45 U	4.82 U	2.55 U	2.5 U	2.48 U	2.52 U	4.99 U	2.51 U	1.24 U
74487-85-7	PCB188	pg/g	13.9	53.8	3.13	2.45 U	8.21	2.55 U	2.9	29.7	2.52 U	4.99 U	2.51 U	1.24 U
39635-31-9	PCB189	pg/g	183	483	5.25	32.2	305	23	11.4	14.2	29.7	14.3	12.5	2.04

Table 3-1. Round 2A Archived Surface Sediment PCB Congener Results and Associated PCB Aroclor Results.

		Location Name	G492-1	G494	G496	G500	G503	G506	G509	G516	G518	G519-1	U2C-2	U4Q-1
		X_Easting	7637613.84	7637235.71	7639460.23	7640513.39	7639644.06	7640029.07	7641763.04	7642843.55	7641992.08	7618414.24	7645831.515	7651296.608
		Y_Northing	694310	694148.89	693963.05	693344.76	692775.06	692434.5	691730.32	690410.51	689902.84	715494.8	665246.9823	652815.0552
		Sample ID	LW2-G492-1	LW2-G494	LW2-G496	LW2-G500	LW2-G503	LW2-G506	LW2-G509	LW2-G516	LW2-G518	LW2-G519-1	LW2-U2C-2	LW2-U4Q-1
		Sample Type Code	N	N	N	N	N	N	N	N	N	N	FR	N
		Parent Sample	--	--	--	--	--	--	--	--	--	--	LW2-U2C-1	--
		Sample Date	08/24/2004	09/03/2004	09/02/2004	09/03/2004	09/02/2004	09/03/2004	09/03/2004	09/03/2004	09/03/2004	08/16/2004	11/05/2004	11/04/2004
		Depth Interval	0 - 27 cm	0 - 26 cm	0 - 25 cm	0 - 26 cm	0 - 23 cm	0 - 29 cm	0 - 26 cm	0 - 25 cm	0 - 25 cm	0 - 29 cm	0 - 20 cm	0 - 26 cm
41411-64-7	PCB190	pg/g	1190	3000	27.9	191	2030	125	66.1	69.9	153	82.2	68.2	13.5
74472-50-7	PCB191	pg/g	199	516	6.35	35.8	379	23.5	10.1	14.1	29.6	12.6	13.5	1.96
74472-51-8	PCB192	pg/g	2.48 U	4.97 U	2.48 U	2.45 U	4.82 U	2.55 U	2.5 U	2.48 U	2.52 U	4.99 U	2.51 U	1.24 U
69782-91-8	PCB193	pg/g	718	1830	22.3	109	1190	65.7	41.5	202	80.5	48.1	40.8	7.6
35694-08-7	PCB194	pg/g	3440	9040	96.3	543	5470	343	180	676	390	263	155	30.4
52663-78-2	PCB195	pg/g	1530	4210	41.4	248	2310	137	81.1	254	169	99.7	61.3	13.2
PCB196_203	PCB196 & 203	pg/g	3500	7670	127	536	7320	396	185	747	408	329	221	33.8
33091-17-7	PCB197	pg/g	111	270	4.59	19	220	12.7	7.32	86.1	13.2	9.68	7.27	1.24 U
68194-17-2	PCB198	pg/g	164	385	5.05	28.7	322	14.6	9.05	27.7	27.8	17.6	10.4	1.72
52663-75-9	PCB199	pg/g	2970	6800	116	465	6250	385	168	1120	324	322	211	31.6
52663-73-7	PCB200	pg/g	392	979	14.6	63.6	801	46.8	22	66.4	45.9	36	27.6	3.93
40186-71-8	PCB201	pg/g	425	1030	15.6	67.3	789	53.7	26.7	255	45.9	41.1	26	4.5
2136-99-4	PCB202	pg/g	609	1410	24.7	93.6	1090	102	43.3	312	68	67	40.9	9.56
74472-52-9	PCB204	pg/g	2.48 U	4.97 U	2.48 U	2.45 U	4.82 U	2.55 U	2.5 U	2.48 U	2.52 U	4.99 U	2.51 U	1.24 U
74472-53-0	PCB205	pg/g	144	371	4.65	23.9	233	12.8	7.48	32.9	15.7	10.3	7.42	1.39
40186-72-9	PCB206	pg/g	751	2070	47.3	137	1570	255	74.2	381	151	216	72.7	24.1
52663-79-3	PCB207	pg/g	91.3	242	5.79	17.6	215	26.2	9	51.8	16.7	20	9.59	2.91
52663-77-1	PCB208	pg/g	131	340	10.5	28.2	326	73.3	16.8	64.9	34.4	59.7	19.2	7.94
2051-24-3	PCB209	pg/g	101	133	21.6	41.9	540	109	47.7	61.1	112	159	41.6	34.7
27323-18-8	Monochlorobiphenyl	pg/g	137	1130	12.8	20	1390	87.5	28	19.8	27.9	112	28.7	16.4
25512-42-9	Dichlorobiphenyl	pg/g	4130	17200	234	330	1430	639	450	388	236	3360	312	180
25323-68-6	Trichlorobiphenyl	pg/g	14300	34300	602	1180	2550	2210	844	1650	926	15100	1480	221
26914-33-0	Tetrachlorobiphenyl	pg/g	18500	58100	3740	2550	32100	12200	2300	4530	3120	15800	5830	659
25429-29-2	Pentachlorobiphenyl	pg/g	21000	72400	3210	4470	60800	23600	3390	5700	7220	8880	9870	1060
26601-64-9	Hexachlorobiphenyl	pg/g	60000	165000	3160	10500	115000	15500	4440	8230	10400	6950	9080	1030
28655-71-2	Heptachlorobiphenyl	pg/g	55500	141000	1520	8990	97100	5870	3040	7570	6760	3500	3480	535
55722-26-4	Octachlorobiphenyl	pg/g	13300	32200	449	2090	24800	1500	731	3580	1510	1200	767	130
53742-07-7	Nonachlorobiphenyl	pg/g	974	2650	63.5	183	2110	355	100	497	202	295	101	35
1336-36-3	Polychlorinated biphenyls	pg/g	188000	524000	13000	30400	338000	62200	15400	32200	30500	55300	31000	3900
12767-79-2	Total PCB Aroclors	ug/kg	173 T	600 JT	21.3 JT	43.9 JT	898 T	70.2 T	33.9 JT	28.1 T	36.9 JT	69 T	37 JT	1.86 JT
12674-11-2	Aroclor 1016	ug/kg	7.4 UT	19.1 U	1.31 U	1.6 U	14.2 U	1.71 U	1.87 U	1.48 U	1.59 U	2.3 U	1.53 U	1.75 U
11104-28-2	Aroclor 1221	ug/kg	14 UT	35.5 U	2.43 U	2.97 U	26.4 U	11.5	3.47 U	12.4	2.95 U	4.3 U	2.84 U	3.24 U
11141-16-5	Aroclor 1232	ug/kg	12 UT	32 U	2.19 U	2.68 U	23.8 U	2.87 U	3.13 U	2.47 U	2.67 U	3.9 U	2.57 U	2.93 U
53469-21-9	Aroclor 1242	ug/kg	7.5 UT	19.5 U	1.33 U	1.63 U	14.5 U	1.74 U	1.9 U	1.5 U	1.62 U	33	1.56 U	1.78 U
12672-29-6	Aroclor 1248	ug/kg	23 T	86.5 J	1.71 U	4.61	18.6 U	12.8	7.47 J	1.93 U	2.08 U	3 U	2 U	2.28 U
11097-69-1	Aroclor 1254	ug/kg	4.5 UT	104	0.796 U	24.7 J	489	26	15.8 J	6.85	14.6 J	24	26	1.86 J
11096-82-5	Aroclor 1260	ug/kg	150 T	409	19.4	14.6	364	19.9	10.6	8.88	22.3	12	11 J	1.37 U
37324-23-5	Aroclor 1262	ug/kg	6.9 UT	17.9 U	1.22 U	1.5 U	13.3 U	1.6 U	1.75 U	1.38 U	1.49 U	2.2 U	1.43 U	1.64 U
11100-14-4	Aroclor 1268	ug/kg	15 UJT	15.4 U	1.89 J	1.29 UJ	44.7	1.37 UJ	1.5 UJ	1.18 UJ	1.28 UJ	1.9 U	1.23 U	1.4 U

Notes:

- For all totals, zero is always used for non-detects. If any of the values going into a total are estimated (J qualified), then the total value is estimated (J qualified). If all analytes in a total are non-detects, then the highest detection limit is used for the total. A "T" qualifier is added to all results that are mathematically derived.
- Coordinate system for geographic coordinates is Oregon State Plane NAD83 HARN/HPGN, Intl. Feet.
- All concentration units are listed as dry weight.

J Estimate.
T Value is an average or selected result (see data rules).
U Not detected at value shown.

PORTLAND HARBOR RI/FS

PCB CONGENERS IN ROUND 2 ARCHIVED SURFACE SEDIMENT DATA REPORT

DRAFT

APPENDIX A

DATA QUALITY SUMMARY

DO NOT QUOTE OR CITE:
This document is currently under review by US EPA and its federal, state, and tribal partners and is subject to change in whole or in part.

April 10, 2006

Prepared for

The Lower Willamette Group

Prepared by

Integral Consulting Inc.

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LIST OF ACRONYMS

ACG	analytical concentration goal
EPA	U.S. Environmental Protection Agency
HRGC/HRMS	high-resolution gas chromatography / high-resolution mass spectrometry
MDL	method detection limit
MRL	method reporting limit
PARCC	precision, accuracy, representativeness, completeness, comparability
PCB	polychlorinated biphenyl
QAPP	quality assurance project plan
RDL	reported detection limit
RI/FS	remedial investigation and feasibility study

1. INTRODUCTION

This report summarizes the data quality of polychlorinated biphenyl (PCB) congener analyses on archived surface sediment samples collected during Round 2 of the Portland Harbor Remedial Investigation and Feasibility Study (RI/FS). Samples were collected during the summer and fall of 2004. A portion of each of the sediment samples was archived for possible future analysis. At the request of the U.S. Environmental Protection Agency (EPA), a subset of the archived Round 2 surface sediment samples was analyzed for PCB congeners for comparison and correlation with PCB Aroclor totals, for human health and ecological risk assessment of coplanar PCB congeners, and for use in the food web model (Kennedy/Jenks and Integral 2005). These archived surface sediment samples were analyzed for PCB congeners according to the sample preparation and analytical procedures in the Round 2 Quality Assurance Project Plan (QAPP) and Round 2 QAPP Addendum 2: PCB Congener Analysis in Sediment Samples (Integral and Windward 2004; Integral 2004). Deviations from the QAPP are noted in Section 3.4 of the main body of this report.

Alta Analytical (El Dorado Hills, California) completed the analyses for PCB congeners by high-resolution gas chromatography with high-resolution mass spectrometry (HRGC/HRMS). Sample extraction, cleanup, and analysis were completed according to procedures stated in EPA method 1668A and in Round 2 QAPP Addendum 2 (Integral 2004). PCB-126 and PCB-169 were the only coplanar PCBs with detection limits above the analytical concentration goal (ACG; Integral 2004) based on a sample size of 10 grams. Up to 50 grams of sample were extracted to improve method reporting limits (MRLs) for these PCB congeners as requested by EPA (2005, pers. comm.).

2. DATA QUALITY AND USABILITY

Data generated in the field and at the laboratories were verified and validated according to the criteria and procedures described in the Round 2 QAPP and QAPP Addendum 2 (Integral and Windward 2004; Integral 2004). Data quality and usability were evaluated based on the results of the data validation and the data quality objectives for the Round 2 data. The performance criteria in the QAPP included project analytical goals for precision, accuracy, representativeness, completeness, and comparability (PARCC) of the Round 2 data.

The precision, accuracy, representativeness, and comparability of the data were assessed during data validation, as described in the *Data Validation* section below and in the Round 2 QAPP. Completeness was calculated by comparing the total number of acceptable data (non-rejected data) to the total number of data points generated. Completeness for the Round 2 archive surface sediment PCB congener data is summarized in Table A-1. Completeness was 100% overall, which meets the QAPP completeness objective of 95%.

2.1. DATA VALIDATION

Data validation was conducted as required by the Round 2 QAPP (Integral and Windward 2004) and is summarized in Section 3.2 of the main body of this report. The data validation subcontractor for the Round 2 archived surface sediment PCB congener data was EcoChem, Inc. located in Seattle, WA. EcoChem performed the validation according to guidelines in *EPA Region 10 SOP for the Validation of Method 1668 Toxic, Dioxin-like PCB Data* and *Guidance on Environmental Data Verification and Validation* (EPA 1995, 2002). As required by the Round 2 QAPP (Integral and Windward 2004), approximately 10 percent of the archived surface sediment data were fully validated, and the remaining data were subjected to Level 3 data validation, which includes the evaluation and assessment of the sample results and applicable quality control results reported by the laboratory. The following deliverables were reviewed during Level 3 and full data validation:

- The case narrative discussing analytical problems (if any) and procedures
- Chain-of-custody documentation and laboratory sample receipt logs
- Instrument calibration results
- Method blank results
- Results for quality control samples required by the referenced method including laboratory control sample analyses, laboratory duplicate analyses, and surrogate recoveries
- Results for field quality control samples (i.e., equipment decontamination blanks)

- Analytical results for the archived surface sediment samples.

In addition to review and assessment of the documentation identified above, full validation included verification of reported concentrations of the results for field samples and quality control samples, verification of intermediate transcriptions, and review of instrument data, such as mass spectra, to verify analyte identification procedures.

Data qualifiers were assigned during data validation if applicable control limits were not met, in accordance with the U.S. EPA data validation guidelines (EPA 1995) and the quality control requirements included in the referenced method (EPA 1999). The control limits for surrogate spikes, laboratory control samples, and laboratory duplicates for Alta Analytical are summarized in Tables A-2 and A-3. The data validation qualifiers and definitions are summarized in Table A-4. A data quality report prepared by EcoChem is included in Appendix C.

2.2. DATA QUALITY

The EcoChem data validation report (Appendix C) provides detailed information on the data quality issues and data validation qualifiers for each laboratory data package. A summary of the qualified data, with the reasons for qualification, is included in Table A-5.

The discussion below includes a comparison of the detection limits to the ACGs specified in the Round 2 QAPP Addendum 2 (Integral 2004), followed by a summary of the qualified data and any limitations to the usability of the data.

2.2.1. Analytical Concentration Goals and Reported Detection Limits

Sample-specific detection limits were reported for the toxic coplanar PCB congeners, as specified in the method protocol (EPA 1999). These detection limits are based on the signal-to-noise ratio of the analytical system for each analyte and sample. Results for the remaining PCB congeners were reported to the MRL (i.e., the concentration equivalent to the lowest calibration standard). Method detection limits (MDLs) and MRLs were elevated when samples required dilution for analysis, or when results were restated as undetected during data validation because of possible sample contamination, as indicated by the presence of target analytes in an associated method blank or equipment blank.

The reported detection limit (RDL) is the collective term for the detection limit or reporting limit used to quantify non-detects, as applicable to each sample and analyte. Table A-6 provides the ACGs and MRLs included in the Round 2 QAPP Addendum 2 (Integral 2004) and the minimum and maximum RDL attained by the laboratory for each analyte. Although the AGC for PCB-126 is below the MDL for the 50-gram sample, sample-specific detection limits for Round 2 were adequate to report PCB-126,

the most toxic congener, in every sample except LW2-G298. A reduced sample mass was extracted for this sample because of the oily nature of the sample, which resulted in an elevated detection limit.

To achieve a lower detection limit for PCB-169, some of the extracts were re-analyzed after being concentrated further and taken through an additional cleanup procedure. As a result of this procedure, PCB-169 was detected by Alta in every sample except LW2-G009. The detection limit was below the ACG in this sample. However, PCB-169 was also present in several of the method blanks, and many results were restated as undetected at the reported concentration, generally above the ACG. Further details are provided in the QA report (Appendix C). Data and qualifiers are provided in Table 4-1, in the main text of this data report.

2.2.2. Field Quality Control Samples

No field replicates or splits were analyzed for PCB congeners.

2.2.2.1. Summary of Qualified Data

Selected data not meeting the data quality criteria were qualified as undetected or estimated during validation, in accordance with the QAPP. A summary of the qualified data with the reasons for qualification is included in Table A-5. Data qualified as undetected are usable for all intended purposes. Data qualified as estimated are usable for all intended purposes, with the knowledge that these data may be less precise or less accurate than unqualified data.

The precision and accuracy of the Round 2 sediment data was acceptable. The completeness of the Round 2 archived surface sediment data was 100% (see Table A-1). Overall, the data quality was good and will meet program objectives and goals for the RI/FS.

3. REFERENCES

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Table A-1. Percent Completeness.

Analysis	Total # of Data Points[1]	Number of Data Points		Completeness (%)
		Accepted	Rejected	
PCB Congeners	18252	18252	0	100
PCB Homologs	972	972	0	100
Total	**19224**	**19224**	**0**	**100**

Notes:

[1] Totals exclude field blanks.

Table A-2. Control Limits for Surrogate Recovery.

Analysis	CAS Nr	Percent Recovery
PCB Congeners		
^{13}C-2,2',3,3',4,4',5,5',6,6'-Decachlorobiphenyl	105600-27-9	54-190
^{13}C-2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	208263-75-6	52-180
^{13}C-2,2',3,3',4,4',5,5'-Octachlorobiphenyl	208263-74-5	57-130
^{13}C-2,2',3,3',4,4',5-Heptachlorobiphenyl	160901-80-4	65-124
^{13}C-2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	234432-92-9	50-203
^{13}C-2,2',3,3',5,5',6,6'-Octachlorobiphenyl	105600-26-8	59-147
^{13}C-2,2',3,3',5,5',6-Heptachlorobiphenyl	232919-67-4	44-117
^{13}C-2,2',3,4,4',5,5'-Heptachlorobiphenyl	160901-82-6	65-122
^{13}C-2,2',3,4',5,6,6'-Heptachlorobiphenyl	234432-91-8	53-113
^{13}C-2,2',3,5',6-Pentachlorobiphenyl	L38379-99-6	43-113
^{13}C-2,2',4,4',5,5'-Hexachlorobiphenyl	L35065-27-1	43-114
^{13}C-2,2',4,4',6,6'-Hexachlorobiphenyl	234432-90-7	50-124
^{13}C-2,2',4,5,5'-Pentachlorobiphenyl	104130-39-4	46-116
^{13}C-2,2',4,6,6'-Pentachlorobiphenyl	234432-89-4	34-103
^{13}C-2,2',5,5'-Tetrachlorobiphenyl	208263-80-3	51-103
^{13}C-2,2',6,6'-Tetrachlorobiphenyl	234432-88-3	22-91
^{13}C-2,2',6-Trichlorobiphenyl	234432-87-2	23-109
^{13}C-2,2'-Dichlorobiphenyl	234432-86-1	18-143
^{13}C-2,3,3',4,4',5,5'-Heptachlorobiphenyl	208263-73-4	55-125
^{13}C-2,3,3',4,4',5'-Hexachlorobiphenyl	235416-30-5	56-133
^{13}C-2,3,3',4,4',5-Hexachlorobiphenyl	208263-68-7	60-126
^{13}C-2,3,3',4,4'-Pentachlorobiphenyl	208263-62-1	57-111
^{13}C-2,3',4,4',5,5'-Hexachlorobiphenyl	208263-69-8	60-118
^{13}C-2,3',4,4',5'-Pentachlorobiphenyl	208263-64-3	56-124
^{13}C-2,3',4,4',5-Pentachlorobiphenyl	104130-40-7	56-121
^{13}C-2,3,4,4',5-Pentachlorobiphenyl	208263-63-2	52-114
^{13}C-2,4,4'-Trichlorobiphenyl	208263-76-7	37-110
^{13}C-2,4',6-Trichlorobiphenyl	L38444-77-8	32-118
^{13}C-2,5-Dichlorobiphenyl	250694-89-4	22-147
^{13}C-2-Chlorobiphenyl	234432-85-0	13-107
^{13}C-3,3',4,4',5,5'-Hexachlorobiphenyl	208263-70-1	60-115
^{13}C-3,3',4,4',5-Pentachlorobiphenyl	208263-65-4	62-116
^{13}C-3,3',4,4'-Tetrachlorobiphenyl	105600-23-5	56-116
^{13}C-3,4,4',5-Tetrachlorobiphenyl	208461-24-9	55-118
^{13}C-3,4,4'-Trichlorobiphenyl	208263-79-0	52-119
^{13}C-4-Chlorobiphenyl	208263-77-8	19-144

Table A-3. Control Limits for Laboratory Control Samples and Laboratory Duplicates.

Analysis	Laboratory Control Sample Recovery	Type of Duplicate	Control Limit Relative Percent Difference
PCB Congeners	50-150	LD	50

Table A-4. Data Validation Qualifiers and Definitions.

Data Qualifier	Definition
U	The material was analyzed for, but was not detected. The associated numerical value is the reported detection limit.
J	The associated numerical value is an estimated quantity.
UJ	The material was analyzed for, but was not detected. The reported detection limit is an estimated quantity.

Table A-5. Summary of Qualified Data.

Analyte Group	Number of Samples[1]	Number of Data Points		Total # of Data Points	Detection and Qualification Frequencies (percent)[2]		Reason for Qualification
		Detected	Undetected				
PCB homologs	108	970	2	972	100	detected	
					0	undetected	
					1	J	SSR, Pc
PCB congeners	108	15430	2822	18252	85	detected	
					15	undetected	
					1	J	CC, SSR, LCSR, Pc
					0.5	U	LB
					0.1	UJ	LCSR, SSR, Pc

Notes:

[1] Includes replicates and splits, excludes field blanks.

[2] Qualification frequencies are provided for data validation qualifiers. Qualifiers applied by the laboratory for results between the MDL and the MRL are not included.

Reason for Qualification:
- CC - Continuing Calibration
- LB - Lab blank contamination (e.g., method blank, instrument, etc.)
- Pc - Precision (all replicates)
- LCSR - Laboratory control sample recoveries
- SSR - Surrogate spike recoveries (a.k.a., labeled compounds & recovery standards)

Table A-6. Reported Detection Limits.

Analyte	CAS Number	Units	Round 2 QAPP					Reported Detection Limits[4]	
			ACG[1]	MDL, 10g sample[2]	MRL, 10g sample[2]	MDL, 50g sample[2,3]	MRL, 50g sample[1,3]	Minimum	Maximum
Dioxin-like PCB congeners (WHO list)									
3,3',4,4'-Tetrachlorobiphenyl (PCB-77)	32598-13-3	pg/g	10	1.4	5	0.11	1	1.24	121
3,4,4',5-Tetrachlorobiphenyl (PCB-81)	70362-50-4	pg/g	10	0.33	5	0.063	1	1.24	121
2,3,3',4,4'-Pentachlorobiphenyl (PCB-105)	32598-14-4	pg/g	10	3.4	5	0.094	1	1.24	121
PCB106 & 118 (PCB-106/118)	PCB106_118	pg/g	10	7.1	5	0.11	1	1.24	121
2,3,4,4',5-Pentachlorobiphenyl (PCB-114)	74472-37-0	pg/g	2	0.23	5	0.09	1	1.24	121
2,3',4,4',5'-Pentachlorobiphenyl (PCB-123)	65510-44-3	pg/g	10	0.28	5	0.099	1	1.24	121
3,3',4,4',5-Pentachlorobiphenyl (PCB-126)	57465-28-8	pg/g	0.01	0.1	5	0.079	1	1.24	121
2,3,3',4,4',5-Hexachlorobiphenyl (PCB-156)	38380-08-4	pg/g	2	0.28	5	0.11	1	1.24	121
2,3,3',4,4',5'-Hexachlorobiphenyl (PCB-157)	69782-90-7	pg/g	2	0.22	5	0.082	1	1.24	121
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB-167)	52663-72-6	pg/g	100	0.25	5	0.1	1	1.24	121
3,3',4,4',5,5'-Hexachlorobiphenyl (PCB-169)	32774-16-6	pg/g	0.1	0.12	5	0.049	1	0.0981	66.5
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB-189)	39635-31-9	pg/g	10	0.099	5	0.15	1	1.24	121
Other PCB congeners									
2-Chlorobiphenyl (PCB-1)	2051-60-7	pg/g	--	0.27	2.5	0.5	0.5	1.24	121
3-Chlorobiphenyl (PCB-2)	2051-61-8	pg/g	--	0.74	2.5	0.5	0.5	1.24	121
4-Chlorobiphenyl (PCB-3)	2051-62-9	pg/g	--	0.77	2.5	0.5	0.5	1.24	121
PCB004 & 010	PCB004_010	pg/g	--	0.69	2.5	0.5	0.5	2.48	242
PCB005 & 008	PCB005_008	pg/g	--	2.5	2.5	0.5	0.5	2.48	242
2,3'-Dichlorobiphenyl (PCB-6)	25569-80-6	pg/g	--	0.63	2.5	0.5	0.5	2.48	242
PCB007 & 009	PCB007_009	pg/g	--	0.38	2.5	0.5	0.5	2.48	242
3,3'-Dichlorobiphenyl (PCB-11)	2050-67-1	pg/g	--	2	2.5	0.5	0.5	2.48	242
PCB012 & 013	PCB012_013	pg/g	--	1.3	2.5	0.5	0.5	2.48	242
4,4'-Dichlorobiphenyl (PCB-15)	2050-68-2	pg/g	--	3.9	2.5	0.5	0.5	2.48	242
PCB016 & 032	PCB016_032	pg/g	--	5.8	2.5	0.5	0.5	1.24	121
2,2',4-Trichlorobiphenyl (PCB-17)	37680-66-3	pg/g	--	2.5	2.5	0.5	0.5	1.24	121
2,2',5-Trichlorobiphenyl (PCB-18)	37680-65-2	pg/g	--	7.3	2.5	0.5	0.5	1.24	121
2,2',6-Trichlorobiphenyl (PCB-19)	38444-73-4	pg/g	--	0.35	2.5	0.5	0.5	1.24	121
PCB020 & 021 & 033	PCB020_021_033	pg/g	--	6.8	2.5	0.5	0.5	1.24	121
2,3,4'-Trichlorobiphenyl (PCB-22)	38444-85-8	pg/g	--	5.2	2.5	0.5	0.5	1.24	121
2,3,5-Trichlorobiphenyl (PCB-23)	55720-44-0	pg/g	--	0.11	2.5	0.5	0.5	1.24	121
PCB024 & 027	PCB024_027	pg/g	--	0.55	2.5	0.5	0.5	1.24	121
2,3',4-Trichlorobiphenyl (PCB-25)	55712-37-3	pg/g	--	0.55	2.5	0.5	0.5	1.24	121

Table A-6. Reported Detection Limits.

Analyte	CAS Number	Units	Round 2 QAPP					Reported Detection Limits[4]	
			ACG[1]	MDL, 10g sample[2]	MRL, 10g sample[2]	MDL, 50g sample[2,3]	MRL, 50g sample[1,3]	Minimum	Maximum
2,3',5-Trichlorobiphenyl (PCB-26)	38444-81-4	pg/g	--	1.9	2.5	0.5	0.5	1.24	121
2,4,4'-Trichlorobiphenyl (PCB-28)	7012-37-5	pg/g	--	16	2.5	0.5	0.5	1.24	121
2,4,5-Trichlorobiphenyl (PCB-29)	15862-07-4	pg/g	--	0.16	2.5	0.5	0.5	1.24	121
2,4,6-Trichlorobiphenyl (PCB-30)	35693-92-6	pg/g	--	0.076	2.5	0.5	0.5	1.24	121
2,4',5-Trichlorobiphenyl (PCB-31)	16606-02-3	pg/g	--	15	2.5	0.5	0.5	1.24	121
2,3',5'-Trichlorobiphenyl (PCB-34)	37680-68-5	pg/g	--	0.12	2.5	0.5	0.5	1.24	121
3,3',4-Trichlorobiphenyl (PCB-35)	37680-69-6	pg/g	--	0.28	2.5	0.5	0.5	1.24	121
3,3',5-Trichlorobiphenyl (PCB-36)	38444-87-0	pg/g	--	0.077	2.5	0.5	0.5	1.24	121
3,4,4'-Trichlorobiphenyl (PCB-37)	38444-90-5	pg/g	--	3.9	2.5	0.5	0.5	1.24	121
3,4,5-Trichlorobiphenyl (PCB-38)	53555-66-1	pg/g	--	0.22	2.5	0.5	0.5	1.24	121
3,4',5-Trichlorobiphenyl (PCB-39)	38444-88-1	pg/g	--	0.14	2.5	0.5	0.5	1.24	121
2,2',3,3'-Tetrachlorobiphenyl (PCB-40)	38444-93-8	pg/g	--	5.1	5	1	1	1.24	121
PCB041 & 064 &071 &072	PCB041_064_071_	pg/g	--	26	5	1	1	1.24	121
PCB042 & 059	PCB042_059	pg/g	--	8.7	5	1	1	1.24	121
PCB043 & 049	PCB043_049	pg/g	--	21	5	1	1	1.24	121
2,2',3,5'-Tetrachlorobiphenyl (PCB-44)	41464-39-5	pg/g	--	26	5	1	1	1.24	121
2,2',3,6-Tetrachlorobiphenyl (PCB-45)	70362-45-7	pg/g	--	3.6	5	1	1	1.24	121
2,2',3,6'-Tetrachlorobiphenyl (PCB-46)	41464-47-5	pg/g	--	1.5	5	1	1	1.24	121
2,2',4,4'-Tetrachlorobiphenyl (PCB-47)	2437-79-8	pg/g	--	6.9	5	1	1	1.24	121
PCB048 & 075	PCB048_075	pg/g	--	5.7	5	1	1	1.24	121
2,2',4,6-Tetrachlorobiphenyl (PCB-50)	62796-65-0	pg/g	--	0.2	5	1	1	1.24	121
2,2',4,6'-Tetrachlorobiphenyl (PCB-51)	68194-04-7	pg/g	--	0.95	5	1	1	1.24	121
PCB052 & 069	PCB052_069	pg/g	--	25	5	1	1	1.24	121
2,2',5,6'-Tetrachlorobiphenyl (PCB-53)	41464-41-9	pg/g	--	3	5	1	1	1.24	121
2,2',6,6'-Tetrachlorobiphenyl (PCB-54)	15968-05-5	pg/g	--	0.094	5	1	1	1.24	121
2,3,3',4-Tetrachlorobiphenyl (PCB-55)	74338-24-2	pg/g	--	0.42	5	1	1	1.24	121
PCB056 & 060	PCB056_060	pg/g	--	16	5	1	1	1.24	121
2,3,3',5-Tetrachlorobiphenyl (PCB-57)	70424-67-8	pg/g	--	0.26	5	1	1	1.24	121
2,3,3',5'-Tetrachlorobiphenyl (PCB-58)	41464-49-7	pg/g	--	0.17	5	1	1	1.24	121
PCB061 & 070	PCB061_070	pg/g	--	--	--	--	--	1.24	121
2,3,4,6-Tetrachlorobiphenyl (PCB-62)	54230-22-7	pg/g	--	0.19	5	1	1	1.24	121
2,3,4',5-Tetrachlorobiphenyl (PCB-63)	74472-34-7	pg/g	--	1.1	5	1	1	1.24	121
2,3,5,6-Tetrachlorobiphenyl (PCB-65)	33284-54-7	pg/g	--	0.29	5	1	1	1.24	121
PCB066 & 076	PCB066_076	pg/g	--	--	--	--	--	1.24	121
2,3',4,5-Tetrachlorobiphenyl (PCB-67)	73575-53-8	pg/g	--	0.88	5	1	1	1.24	121

Table A-6. Reported Detection Limits.

Analyte	CAS Number	Units	Round 2 QAPP					Reported Detection Limits[4]	
			ACG[1]	MDL, 10g sample[2]	MRL, 10g sample[2]	MDL, 50g sample[2,3]	MRL, 50g sample[1,3]	Minimum	Maximum
2,3',4,5'-Tetrachlorobiphenyl (PCB-68)	73575-52-7	pg/g	--	0.43	5	1	1	1.24	121
2,3',5',6-Tetrachlorobiphenyl (PCB-73)	74338-23-1	pg/g	--	0.27	5	1	1	1.24	121
2,4,4',5-Tetrachlorobiphenyl (PCB-74)	32690-93-0	pg/g	--	13	5	1	1	1.24	121
3,3',4,5-Tetrachlorobiphenyl (PCB-78)	70362-49-1	pg/g	--	0.2	5	1	1	1.24	121
3,3',4,5'-Tetrachlorobiphenyl (PCB-79)	41464-48-6	pg/g	--	0.23	5	1	1	1.24	121
3,3',5,5'-Tetrachlorobiphenyl (PCB-80)	33284-52-5	pg/g	--	0.26	5	1	1	1.24	121
2,2',3,3',4-Pentachlorobiphenyl (PCB-82)	52663-62-4	pg/g	--	2.4	5	1	1	1.24	121
2,2',3,3',5-Pentachlorobiphenyl (PCB-83)	60145-20-2	pg/g	--	0.21	5	1	1	1.24	121
PCB084 & 092	PCB084_092	pg/g	--	5.3	5	1	1	1.24	121
PCB085 & 116	PCB085_116	pg/g	--	2.6	5	1	1	1.24	121
2,2',3,4,5-Pentachlorobiphenyl (PCB-86)	55312-69-1	pg/g	--	0.48	5	1	1	1.24	121
PCB087 & 117 & 125	PCB087_117_125	pg/g	--	4.4	5	1	1	1.24	121
PCB088 & 091	PCB088_091	pg/g	--	2.8	5	1	1	1.24	121
2,2',3,4,6'-Pentachlorobiphenyl (PCB-89)	73575-57-2	pg/g	--	0.61	5	1	1	1.24	121
PCB090 & 101	PCB090_101	pg/g	--	9.7	5	1	1	1.24	121
2,2',3,5,6-Pentachlorobiphenyl (PCB-93)	73575-56-1	pg/g	--	0.2	5	1	1	1.24	121
2,2',3,5,6'-Pentachlorobiphenyl (PCB-94)	73575-55-0	pg/g	--	0.18	5	1	1	1.24	121
PCB095 & 098 & 102	PCB095_098_102	pg/g	--	9.6	5	1	1	1.24	121
2,2',3,6,6'-Pentachlorobiphenyl (PCB-96)	73575-54-9	pg/g	--	0.29	5	1	1	1.24	121
2,2',3,4',5'-Pentachlorobiphenyl (PCB-97)	41464-51-1	pg/g	--	4.2	5	1	1	1.24	121
2,2',4,4',5-Pentachlorobiphenyl (PCB-99)	38380-01-7	pg/g	--	5.4	5	1	1	1.24	121
2,2',4,4',6-Pentachlorobiphenyl (PCB-100)	39485-83-1	pg/g	--	0.16	5	1	1	1.24	121
2,2',4,5',6-Pentachlorobiphenyl (PCB-103)	60145-21-3	pg/g	--	0.22	5	1	1	1.24	121
2,2',4,6,6'-Pentachlorobiphenyl (PCB-104)	56558-16-8	pg/g	--	0.13	5	1	1	1.24	121
PCB107 & 109	PCB107_109	pg/g	--	0.85	5	1	1	1.24	121
PCB108 & 112	PCB108_112	pg/g	--	0.83	5	1	1	1.24	121
2,3,3',4',6-Pentachlorobiphenyl (PCB-110)	38380-03-9	pg/g	--	8.7	5	1	1	1.24	121
PCB111 & 115	PCB111_115	pg/g	--	0.66	5	1	1	1.24	121
2,3,3',5',6-Pentachlorobiphenyl (PCB-113)	68194-10-5	pg/g	--	0.18	5	1	1	1.24	121
2,3',4,4',6-Pentachlorobiphenyl (PCB-119)	56558-17-9	pg/g	--	0.26	5	1	1	1.24	121
2,3',4,5,5'-Pentachlorobiphenyl (PCB-120)	68194-12-7	pg/g	--	0.18	5	1	1	1.24	121
2,3',4,5',6-Pentachlorobiphenyl (PCB-121)	56558-18-0	pg/g	--	0.16	5	1	1	1.24	121
2,3,3',4',5'-Pentachlorobiphenyl (PCB-122)	76842-07-4	pg/g	--	0.27	5	1	1	1.24	121
2,3',4',5,5'-Pentachlorobiphenyl (PCB-124)	70424-70-3	pg/g	--	0.32	5	1	1	1.24	121
3,3',4,5,5'-Pentachlorobiphenyl (PCB-127)	39635-33-1	pg/g	--	0.086	5	1	1	1.24	121

Table A-6. Reported Detection Limits.

Analyte	CAS Number	Units	Round 2 QAPP					Reported Detection Limits[4]	
			ACG[1]	MDL, 10g sample[2]	MRL, 10g sample[2]	MDL, 50g sample[2,3]	MRL, 50g sample[1,3]	Minimum	Maximum
PCB128 & 162	PCB128_162	pg/g	--	0.52	5	1	1	1.24	121
2,2',3,3',4,5-Hexachlorobiphenyl (PCB-129)	55215-18-4	pg/g	--	0.25	5	1	1	1.24	121
2,2',3,3',4,5'-Hexachlorobiphenyl (PCB-130)	52663-66-8	pg/g	--	0.22	5	1	1	1.24	121
2,2',3,3',4,6-Hexachlorobiphenyl (PCB-131)	61798-70-7	pg/g	--	0.2	5	1	1	1.24	121
PCB132 & 161	PCB132_161	pg/g	--	0.99	5	1	1	1.24	121
PCB133 & 142	PCB133_142	pg/g	--	0.53	5	1	1	1.24	121
PCB134 & 143	PCB134_143	pg/g	--	0.54	5	1	1	1.24	121
2,2',3,3',5,6'-Hexachlorobiphenyl (PCB-135)	52744-13-5	pg/g	--	0.35	5	1	1	1.24	121
2,2',3,3',6,6'-Hexachlorobiphenyl (PCB-136)	38411-22-2	pg/g	--	0.25	5	1	1	1.24	121
2,2',3,4,4',5-Hexachlorobiphenyl (PCB-137)	35694-06-5	pg/g	--	0.48	5	1	1	1.24	121
PCB138 & 163 & 164	PCB138_163_164	pg/g	--	2	5	1	1	1.24	121
PCB139 & 149	PCB139_149	pg/g	--	1.7	5	1	1	1.24	121
2,2',3,4,4',6'-Hexachlorobiphenyl (PCB-140)	59291-64-4	pg/g	--	0.19	5	1	1	1.24	121
2,2',3,4,5,5'-Hexachlorobiphenyl (PCB-141)	52712-04-6	pg/g	--	0.53	5	1	1	1.24	121
2,2',3,4,5',6-Hexachlorobiphenyl (PCB-144)	68194-14-9	pg/g	--	0.32	5	1	1	1.24	121
2,2',3,4,6,6'-Hexachlorobiphenyl (PCB-145)	74472-40-5	pg/g	--	0.092	5	1	1	1.24	121
PCB146 & 165	PCB146_165	pg/g	--	0.54	5	1	1	1.24	121
2,2',3,4',5,6-Hexachlorobiphenyl (PCB-147)	68194-13-8	pg/g	--	0.27	5	1	1	1.24	121
2,2',3,4',5,6'-Hexachlorobiphenyl (PCB-148)	74472-41-6	pg/g	--	0.22	5	1	1	1.24	121
2,2',3,4',6,6'-Hexachlorobiphenyl (PCB-150)	68194-08-1	pg/g	--	0.11	5	1	1	1.24	121
2,2',3,5,5',6-Hexachlorobiphenyl (PCB-151)	52663-63-5	pg/g	--	0.6	5	1	1	1.24	121
2,2',3,5,6,6'-Hexachlorobiphenyl (PCB-152)	68194-09-2	pg/g	--	0.18	5	1	1	1.24	121
2,2',4,4',5,5'-Hexachlorobiphenyl (PCB-153)	35065-27-1	pg/g	--	1.4	5	1	1	1.24	121
2,2',4,4',5,6'-Hexachlorobiphenyl (PCB-154)	60145-22-4	pg/g	--	0.16	5	1	1	1.24	121
2,2',4,4',6,6'-Hexachlorobiphenyl (PCB-155)	33979-03-2	pg/g	--	0.16	5	1	1	1.24	121
PCB158 & 160	PCB158_160	pg/g	--	0.58	5	1	1	1.24	121
2,3,3',4,5,5'-Hexachlorobiphenyl (PCB-159)	39635-35-3	pg/g	--	0.14	5	1	1	1.24	121
2,3,4,4',5,6-Hexachlorobiphenyl (PCB-166)	41411-63-6	pg/g	--	0.2	5	1	1	1.24	121
2,3',4,4',5',6-Hexachlorobiphenyl (PCB-168)	59291-65-5	pg/g	--	0.22	5	1	1	1.24	121
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB-170)	35065-30-6	pg/g	--	0.45	5	1	1	1.24	121
2,2',3,3',4,4',6-Heptachlorobiphenyl (PCB-171)	52663-71-5	pg/g	--	0.17	5	1	1	1.24	121
2,2',3,3',4,5,5'-Heptachlorobiphenyl (PCB-172)	52663-74-8	pg/g	--	0.2	5	1	1	1.24	121
2,2',3,3',4,5,6-Heptachlorobiphenyl (PCB-173)	68194-16-1	pg/g	--	0.17	5	1	1	1.24	121
2,2',3,3',4,5,6'-Heptachlorobiphenyl (PCB-174)	38411-25-5	pg/g	--	0.54	5	1	1	1.24	121
2,2',3,3',4,5',6-Heptachlorobiphenyl (PCB-175)	40186-70-7	pg/g	--	0.27	5	1	1	1.24	121

Table A-6. Reported Detection Limits.

Analyte	CAS Number	Units	Round 2 QAPP					Reported Detection Limits[4]	
			ACG[1]	MDL, 10g sample[2]	MRL, 10g sample[2]	MDL, 50g sample[2,3]	MRL, 50g sample[1,3]	Minimum	Maximum
2,2',3,3',4,6,6'-Heptachlorobiphenyl (PCB-176)	52663-65-7	pg/g	--	0.15	5	1	1	1.24	121
2,2',3,3',4,5',6'-Heptachlorobiphenyl (PCB-177)	52663-70-4	pg/g	--	0.32	5	1	1	1.24	121
2,2',3,3',5,5',6-Heptachlorobiphenyl (PCB-178)	52663-67-9	pg/g	--	0.3	5	1	1	1.24	121
2,2',3,3',5,6,6'-Heptachlorobiphenyl (PCB-179)	52663-64-6	pg/g	--	0.31	5	1	1	1.24	121
2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB-180)	35065-29-3	pg/g	--	0.79	5	1	1	1.24	121
2,2',3,4,4',5,6-Heptachlorobiphenyl (PCB-181)	74472-47-2	pg/g	--	0.15	5	1	1	1.24	121
PCB182 & 187	PCB182_187	pg/g	--	0.7	5	1	1	1.24	121
2,2',3,4,4',5',6-Heptachlorobiphenyl (PCB-183)	52663-69-1	pg/g	--	0.31	5	1	1	1.24	121
2,2',3,4,4',6,6'-Heptachlorobiphenyl (PCB-184)	74472-48-3	pg/g	--	0.14	5	1	1	1.24	121
2,2',3,4,5,5',6-Heptachlorobiphenyl (PCB-185)	52712-05-7	pg/g	--	0.21	5	1	1	1.24	121
2,2',3,4,5,6,6'-Heptachlorobiphenyl (PCB-186)	74472-49-4	pg/g	--	0.26	5	1	1	1.24	121
2,2',3,4',5,6,6'-Heptachlorobiphenyl (PCB-188)	74487-85-7	pg/g	--	0.12	5	1	1	1.24	121
2,3,3',4,4',5,6-Heptachlorobiphenyl (PCB-190)	41411-64-7	pg/g	--	0.16	5	1	1	1.24	121
2,3,3',4,4',5',6-Heptachlorobiphenyl (PCB-191)	74472-50-7	pg/g	--	0.15	5	1	1	1.24	121
2,3,3',4,5,5',6-Heptachlorobiphenyl (PCB-192)	74472-51-8	pg/g	--	0.18	5	1	1	1.24	121
2,3,3',4',5,5',6-Heptachlorobiphenyl (PCB-193)	69782-91-8	pg/g	--	0.14	5	1	1	1.24	121
2,2',3,3',4,4',5,5'-Octachlorobiphenyl (PCB-194)	35694-08-7	pg/g	--	0.23	7.5	1.5	1.5	1.24	121
2,2',3,3',4,4',5,6-Octachlorobiphenyl (PCB-195)	52663-78-2	pg/g	--	0.27	7.5	1.5	1.5	1.24	121
PCB196 & 203	PCB196_203	pg/g	--	0.88	7.5	1.5	1.5	1.24	121
2,2',3,3',4,4',6,6'-Octachlorobiphenyl (PCB-197)	33091-17-7	pg/g	--	0.28	7.5	1.5	1.5	1.24	121
2,2',3,3',4,5,5',6-Octachlorobiphenyl (PCB-198)	68194-17-2	pg/g	--	0.32	7.5	1.5	1.5	1.24	121
2,2',3,3',4,5,5',6'-Octachlorobiphenyl (PCB-199)	52663-75-9	pg/g	--	0.57	7.5	1.5	1.5	1.24	121
2,2',3,3',4,5,6,6'-Octachlorobiphenyl (PCB-200)	52663-73-7	pg/g	--	0.59	7.5	1.5	1.5	1.24	121
2,2',3,3',4,5',6,6'-Octachlorobiphenyl (PCB-201)	40186-71-8	pg/g	--	0.22	7.5	1.5	1.5	1.24	121
2,2',3,3',5,5',6,6'-Octachlorobiphenyl (PCB-202)	2136-99-4	pg/g	--	0.22	7.5	1.5	1.5	1.24	121
2,2',3,4,4',5,6,6'-Octachlorobiphenyl (PCB-204)	74472-52-9	pg/g	--	0.17	7.5	1.5	1.5	1.24	121
2,3,3',4,4',5,5',6-Octachlorobiphenyl (PCB-205)	74472-53-0	pg/g	--	0.46	7.5	1.5	1.5	1.24	121
2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl (PCB-206)	40186-72-9	pg/g	--	0.16	7.5	1.5	1.5	1.24	121
2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl (PCB-207)	52663-79-3	pg/g	--	0.25	7.5	1.5	1.5	1.24	121
2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl (PCB-208)	52663-77-1	pg/g	--	0.29	7.5	1.5	1.5	1.24	121
2,2',3,3',4,4',5,5',6,6'-Decachlorobiphenyl (PCB-209)	2051-24-3	pg/g	--	0.28	7.5	1.5	1.5	1.24	121
Polychlorinated biphenyls	1336-36-3	pg/g	--	--	--	--	--	--	--
PCB Homologs									
Dichlorobiphenyl	25512-42-9	pg/g	--	--	--	--	--	2.48	242

Table A-6. Reported Detection Limits.

Analyte	CAS Number	Units	Round 2 QAPP					Reported Detection Limits[4]	
			ACG[1]	MDL, 10g sample[2]	MRL, 10g sample[2]	MDL, 50g sample[2,3]	MRL, 50g sample[1,3]	Minimum	Maximum
Heptachlorobiphenyl	28655-71-2	pg/g	--	--	--	--	--	1.24	121
Hexachlorobiphenyl	26601-64-9	pg/g	--	--	--	--	--	1.24	121
Monochlorobiphenyl	27323-18-8	pg/g	--	--	--	--	--	1.24	121
Nonachlorobiphenyl	53742-07-7	pg/g	--	--	--	--	--	1.24	121
Octachlorobiphenyl	55722-26-4	pg/g	--	--	--	--	--	1.24	121
Pentachlorobiphenyl	25429-29-2	pg/g	--	--	--	--	--	1.24	121
Tetrachlorobiphenyl	26914-33-0	pg/g	--	--	--	--	--	1.24	121
Trichlorobiphenyl	25323-68-6	pg/g	--	--	--	--	--	1.24	121

Notes:

[1] ACGs for the dioxin-like congeners are based on the ACG of 0.01 pg/g dry wt for PCB-126 from the Round 1 QAPP and adjusted using the WHO TEFs.

[2] The MRLs and MDLs are provided on a dry-weight basis and assume 50% moisture in the samples and a sample weight of 10 or 50 g, as noted.
The MRL represents the level of lowest calibration standard (i.e., the practical quantitation limit).
Sample-specific MDLs are reported with the final data and will vary based on sample size and characteristics.

[3] Dioxin-like PCB congeners were reported to the sample-specific MDL. The remaining congeners were reported to the MRL.

[4] Reported detection limits shown for non-detected analytes only.

-- = not applicable
ACG = Analytical concentration goal
MDL = Method detection limit
MRL = Method reporting limit
pg/g = picograms per gram (equivalent to nanograms per kilogram)
tbd = to be determined
TEF = Toxicity equivalent factor
WHO = World Health Organization