

# **Lower Duwamish Waterway Group**

*Port of Seattle / City of Seattle / King County / The Boeing Company*

## **YEAR 2 DATA PACKAGE**

Enhanced Natural Recovery/Activated Carbon Pilot Study

Lower Duwamish Waterway

## **FINAL**

*Submittal to:*

**The U.S. Environmental Protection Agency**

**Region 10**

Seattle, Washington

**The Washington State Department of Ecology**

**Northwest Regional Office**

Bellevue, Washington

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## TABLE OF CONTENTS

	<b>Page</b>
1.0 INTRODUCTION .....	1
2.0 SUMMARY OF METHODS AND YEAR 2 CHANGES FROM THE QAPP .....	2
2.1 SAMPLING LOCATIONS .....	2
2.2 SAMPLE COLLECTION AND COMPOSITING .....	2
2.3 SAMPLE ANALYSIS .....	5
3.0 DATA QUALIFIERS .....	5
4.0 RESULTS .....	5
5.0 REFERENCES .....	5

## TABLES

Table 1	Sample Location Coordinates
Table 2	Composite Formation
Table 3	Analytical Schedule
Table 4	Data Qualifier Definitions
Table 5	Pre-Analytical Laboratory Submission Sieving to Remove Gravel Fraction
Table 6	Activated Carbon/Black Carbon, Total Organic Carbon, and Grain Size Results for Bulk Sediment
Table 7	Analytical Results for PCB Congeners in Bulk Sediment
Table 8	Analytical Results for PCB Congeners in Porewater

## FIGURES

Figure 1	Subtidal Plot Discrete Sample Locations
Figure 2	Scour Plot Discrete Sample Locations
Figure 3	Intertidal Plot Discrete Sample Locations

## ATTACHMENT

Electronic Data Deliverable

# **LDW ENR/AC PILOT STUDY – YEAR 2 DATA PACKAGE**

## **Enhanced Natural Recovery/Activated Carbon Pilot Study**

### **Lower Duwamish Waterway**

## **1.0 INTRODUCTION**

This data package transmits the validated Year 2 data for the Lower Duwamish Waterway (LDW) Enhanced Natural Recovery Activated Carbon (ENR/AC) Pilot Study consistent with the Statement of Work for the Second Amendment (July 2014) to the Administrative Order on Consent (AOC) for Remedial Investigation/Feasibility Study for the Lower Duwamish Waterway, Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Docket No. 10-2001-0055, issued by the U.S. Environmental Protection Agency (EPA) and Washington State Department of Ecology (Ecology) on December 20, 2000. These data characterize the conditions two years after pilot study construction. Pilot study construction comparing ENR and ENR+AC applications in three different site environments (intertidal, subtidal, scour) was completed between December 1, 2016 and January 31, 2017.

Surface sediment and solid-phase microextraction (SPME) extract samples were collected from the intertidal, scour, and subtidal plots to determine concentrations of freely dissolved polychlorinated biphenyls (PCBs) in porewater; and PCBs, total organic carbon (TOC) content, activated carbon/black carbon (AC/BC) content, and grain size in bulk sediment.

Project description and objectives as well as sampling design, collection and handling methods, and analytical methods are detailed in the Quality Assurance Project Plan (QAPP; Amec Foster Wheeler et al., 2016) as amended by QAPP Addendum 1 (Amec Foster Wheeler et al., 2017a) and QAPP Addendum 3 (Amec Foster Wheeler et al., 2018)<sup>1</sup>. A brief summary of sampling methods and deviations are provided in Section 2 of this document. Supporting information such as chain of custody forms and data validation reports will be included in the Year 3 Monitoring Report, in accordance with the approved QAPP.

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<sup>1</sup> QAPP Addendum 2 (Amec Foster Wheeler et al., 2017b) addresses the bioaccumulation study part of the Pilot Study and is not applicable to this data.

## **2.0 SUMMARY OF METHODS AND YEAR 2 CHANGES FROM THE QAPP**

All methods and procedures outlined in the QAPP, QAPP Addendum 1, and QAPP Addendum 3 were followed in the collection and analysis of the samples, except where noted. Changes and/or deviations from the QAPP are described below, where applicable.

### **2.1 SAMPLING LOCATIONS**

For the scour and subtidal plots, a global positioning system (GPS) was used to position the sampling vessel such that the GPS-receiver, mounted to the winch arm directly over the receiver, was within 1 to 2 meters of the proposed sampling location and recorded in North American Datum (NAD) 83 Washington State Plane North (in feet). For the intertidal plot, sample locations were determined using a hand-held GPS unit. As noted in the QAPP, locations were selected by dividing the subplot into six grid cells, which were further divided into 24 location cells, numbered 1 through 24. Five discrete samples were collected from each grid cell at location cells determined by a random number generator. These samples were identified as “A”, “B”, “C”, “D”, or “E” composites as discussed in Section 2.2.

All SPMEs were deployed within the target sampling areas. During Year 2, SPMEs were deployed at both 0 to 10 centimeter (cm) and 0 to 1 cm depths in the intertidal and scour plots. Upon retrieval, grab sediment samples from 0 to 10 cm were collected within the target sampling areas, except for locations that did not have a usable SPME. In these locations, bulk sediment samples were not collected. Unusable SPMEs were identified in the field during retrieval if the SPME was observed laying on the sediment surface. The plot, subplot, treatment type, sample ID, grid cell, location cell, composite (A through E) and coordinates for all discrete samples are summarized in Table 1. The actual sampling locations for the subtidal, scour, and intertidal plots are shown on Figures 1, 2, and 3, respectively, and are labeled with the location cell number. Some of the sample locations shown on Figures 1 through 3 were archived, as summarized in Table 3.

There were no deviations from the QAPP.

### **2.2 SAMPLE COLLECTION AND COMPOSITING**

Intertidal plot sediment grab samples were collected at low tide on foot using hand cores; scour plot sediment grab samples were collected by divers using hand cores. After sample collection, sediment from the hand cores was placed directly into sample specific 2-gallon buckets which were then sealed with a lid, labeled, then transferred to the laboratory, Materials Testing & Consulting, Inc. (MTC). At MTC, the bulk samples were dried and sieved through a 3/8” sieve and a #4 sieve to remove the gravel fraction prior to compositing. All fractions were weighed and then the fraction

that passed the #4 sieve was retained for the composite. A 32-ounce aliquot of the dried and sieved sample was used to form the composite, as described below.

Subtidal sediment grab samples were collected using 0.2-square meter pneumatically-powered stainless-steel grab sampler deployed from the sampling vessel. After visual confirmation of acceptable recovery, the overlying water was removed, and a 2-inch-diameter and 10-inch-long polycarbonate core tube was hand-pushed into the sampler to collect sediment for *ex situ* SPME<sup>2</sup> deployment. A 3-inch-diameter aluminum core tube was then hand-pushed into the sampler to collect sediment from 0 to 10 cm for compositing. The sediment from the aluminum core tube was immediately placed in a clean 32-ounce glass jar and placed on ice in a cooler, then transported to the laboratory, EcoAnalysts, Inc. The subtidal samples collected for bulk sediment chemistry were composited at EcoAnalysts' laboratory. The dried and sieved sediment from the intertidal and scour subplots were composited at MTC. After samples were composited, they were placed in clean, laboratory supplied amber glass jars.

To form each sediment composite sample, the "A", "B", "C", "D", and "E" discrete samples from each subplot that had corresponding recovered/usable SPMEs were composited, resulting in five composite samples per subplot. A summary of the individual samples included in each composite is provided in Table 2. The A, B, C, D, or E composite designation of each of the discrete samples is also shown on Figures 1 through 3. Three composite samples per subplot were submitted to the laboratories for chemical analysis, the remaining composites were archived (Table 3). Further detail is provided in the QAPP.

Due to lost and unusable SPMEs in the scour ENR+AC subplot, a deviation from the QAPP compositing method occurred for sediment and SPME samples collected from the A and D composites. There were only two subsamples available for both the A and the D composites for the ENR+AC subplot so these were combined to create a composite sample that would be comprised of at least four individual subsamples. This alternative compositing methodology was approved by EPA and Ecology. The composite sample IDs are identified in Table 2 and are as follows:

- Bulk sediment samples LDW-Y2-SC-ENR+AC-1-A-CORE, 3LDW-Y2-SC-ENR+AC-6-D-CORE, LDW-Y2-SC-ENR+AC-2-D-CORE, and LDW-Y2-SC-ENR+AC-5-D-CORE were combined to create composite sample LDW-Y2-SC-ENR+AC-CAD-CORE.

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<sup>2</sup> *Ex situ* SPME testing was used only for the subtidal plot; *in situ* SPMEs were used for the intertidal and scour plots.

- SPME Composite (0 to 10 cm) samples LDW-Y2-SC-ENR+AC-CA-S010 and LDW-Y2-SC-ENR+AC-CD-S010 were composited by Frontier Analytical prior to analysis to create composite sample LDW-Y2-SC-ENR+AC-CAD-S010.
- SPME Composite (0 to 1 cm) samples LDW-Y2-SC-ENR+AC-CA-SSWI and LDW-Y2-SC-ENR+AC-CD-SSWI were composited by Frontier Analytical prior to analysis to create composite sample LDW-Y2-SC-ENR+AC-CAD-SSWI.

During the Year 2 Sediment Profile Imaging work conducting in March 2019, deposition was observed in approximately 75 percent of the Scour plot. The deposition ranged from 0 to 8 cm across both subplots, with an average of 5.3 cm in the ENR subplot and 1.8 cm in the ENR+AC subplot. Similar deposition was not observed in the intertidal and subtidal plots. EPA and Ecology were notified of the observed deposition as well as the plan to collect and analyze the sediment per Section 3.3.1 of the QAPP. Sediment deposition was measured at each sample location during SPME deployment. Six locations with at least 2 cm of deposition were randomly selected from each subplot to collect depositional sediment during bulk sediment collection activities. The sample locations where depositional sediment was collected are identified in Figure 2 and in Table 2.

Depositional sediment was collected by a diver using a hand core at each of the pre-determined sample locations. The contents of the hand-core were placed in a stainless-steel bowl and a 2-inch-diameter polycarbonate core tube was hand-pushed into the depositional material. Sediment from the core tube was then extruded into a 2-gallon bucket. Sediment from each individual sample location was placed into the same bucket until sediment was collected from all five of the pre-determined locations in each subplot. The surface sediment was composited and placed in clean amber glass jars and stored on ice until all samples were submitted to the laboratories for analysis.

Samples were identified according to the QAPP with each sediment and SPME sample assigned a unique alphanumeric ID number consisting of seven to nine components identifying various aspects of the sample. For example, the components for sample ID LDW-Y2-SU-ENR-CA-S010 are as follows:

- LDW = Lower Duwamish Waterway
- Y2 = Year 2 Monitoring
- SU = subtidal (intertidal is IN and scour is SC)
- ENR = Enhanced natural recovery only (ENR+AC is enhanced natural recovery with activated carbon)

- CA = composite of “A” locations
- S010 = SPME fibers collected from 0 to 10 centimeters (CORE at the end of the sample ID indicates a composite of the sediment cores; SSWI indicates SPME fibers collected from 0 to 1 centimeters; SS indicates composite of recent depositional sediment)

## 2.3 SAMPLE ANALYSIS

Composite sediment samples were analyzed by Frontier Analytical Laboratory (Frontier) for PCB congeners by EPA Method 1668C, TOC by EPA Method 9060, AC/BC by the method developed by Ghosh et al. (Grossman and Ghosh, 2009), and grain size by ASTM Method D422. SPME fibers were processed by the method based on the work of Conder et al. (2003), You et al. (2007), Yang et al. (2008), Lu et al. (2011), Oen et al. (2011), and Harwood et al. (2012), and analyzed for PCB congeners by EPA Method 1668C at Frontier. The analytical testing suite for each sample is shown in Table 3.

No deviations were noted.

## 3.0 DATA QUALIFIERS

The laboratory results were validated by Saylor Data Solutions. The data validation qualifiers applied are defined in Table 4.

## 4.0 RESULTS

A summary of analytical results for the bulk sediment are provided in Tables 6 (TOC, AC/BC, grain size) and 7 (PCB congeners). PCB congener porewater concentrations are provided in Table 8. For intertidal and scour plot samples, which were sieved, the TOC, BC, and grain size results were corrected using the masses of the sieved fractions so that the result represents the complete sample, not the sieved sample.

## 5.0 REFERENCES

AMEC Foster Wheeler, et al. (Amec Foster Wheeler; Dalton, Olmsted & Fuglevand, Inc.; Ramboll Environ; Floyd|Snider; and Geosyntec Consultants). 2016. Quality Assurance Project Plan, Enhanced Natural Recovery/Activated Carbon Pilot Study, Lower Duwamish Waterway. Lower Duwamish Waterway Group, Seattle, WA. February 22.

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## **TABLES**

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**Table 1**  
**Sample Location Coordinates**

Plot	Subplot	Treatment	Discrete Sediment Sample ID	Grid Cell	Location Cell	Composite	Easting	Northing
Subtidal	East Lane	ENR	LDW-Y2-SU-ENR-1-A-CORE	1	3	A	1267914.4	205599.3
			LDW-Y2-SU-ENR-1-B-CORE	1	8	B	1267917.7	205612.1
			LDW-Y2-SU-ENR-1-C-CORE	1	12	C	1267929.6	205565.2
			LDW-Y2-SU-ENR-1-D-CORE	1	18	D	1267941.7	205568.6
			LDW-Y2-SU-ENR-1-E-CORE	1	1	E	1267902.9	205623.7
			LDW-Y2-SU-ENR-2-A-CORE	2	13	A	1267945.0	205557.7
			LDW-Y2-SU-ENR-2-B-CORE	2	4	B	1267934.1	205513.5
			LDW-Y2-SU-ENR-2-C-CORE	2	24	C	1267973.4	205498.2
			LDW-Y2-SU-ENR-2-D-CORE	2	12	D	1267957.2	205493.1
			LDW-Y2-SU-ENR-2-E-CORE	2	14	E	1267949.8	205544.0
			LDW-Y2-SU-ENR-3-A-CORE	3	12	A	1267980.2	205423.3
			LDW-Y2-SU-ENR-3-B-CORE	3	5	B	1267967.5	205432.8
			LDW-Y2-SU-ENR-3-C-CORE	3	18	C	1267986.4	205425.3
			LDW-Y2-SU-ENR-3-D-CORE	3	22	D	1267989.0	205453.0
			LDW-Y2-SU-ENR-3-E-CORE	3	9	E	1267963.5	205459.2
			LDW-Y2-SU-ENR-4-A-CORE	4	8	A	1267987.0	205397.5
			LDW-Y2-SU-ENR-4-B-CORE	4	10	B	1267996.6	205372.7
			LDW-Y2-SU-ENR-4-C-CORE	4	22	C	1268013.5	205380.7
			LDW-Y2-SU-ENR-4-D-CORE	4	6	D	1267993.3	205348.1
			LDW-Y2-SU-ENR-4-E-CORE	4	4	E	1267984.8	205370.5
			LDW-Y2-SU-ENR-5-A-CORE	5	3	A	1268004.0	205310.7
			LDW-Y2-SU-ENR-5-B-CORE	5	17	B	1268029.3	205289.6
			LDW-Y2-SU-ENR-5-C-CORE	5	24	C	1268043.0	205281.6
			LDW-Y2-SU-ENR-5-D-CORE	5	4	D	1268008.7	205298.7
			LDW-Y2-SU-ENR-5-E-CORE	5	15	E	1268023.3	205314.9
			LDW-Y2-SU-ENR-6-A-CORE	6	17	A	1268056.0	205219.5
			LDW-Y2-SU-ENR-6-B-CORE	6	1	B	1268019.7	205261.4
			LDW-Y2-SU-ENR-6-C-CORE	6	14	C	1268044.2	205255.5
			LDW-Y2-SU-ENR-6-D-CORE	6	13	D	1268041.1	205265.1
			LDW-Y2-SU-ENR-6-E-CORE	6	12	E	1268049.9	205202.4

**Table 1  
Sample Location Coordinates**

Plot	Subplot	Treatment	Discrete Sediment Sample ID	Grid Cell	Location Cell	Composite	Easting	Northing
Subtidal	West Lane	ENR+AC	LDW-Y2-SU-ENR+AC-1-A-CORE	1	24	A	1267898.9	205556.1
			LDW-Y2-SU-ENR+AC-1-B-CORE	1	3	B	1267858.5	205581.8
			LDW-Y2-SU-ENR+AC-1-C-CORE	1	17	C	1267888.2	205564.5
			LDW-Y2-SU-ENR+AC-1-D-CORE	1	21	D	1267888.9	205591.8
			LDW-Y2-SU-ENR+AC-1-E-CORE	1	22	E	1267887.5	205580.8
			LDW-Y2-SU-ENR+AC-2-A-CORE	2	24	A	1267921.3	205480.2
			LDW-Y2-SU-ENR+AC-2-B-CORE	2	19	B	1267903.3	205542.0
			LDW-Y2-SU-ENR+AC-2-C-CORE	2	6	C	1267893.3	205473.9
			LDW-Y2-SU-ENR+AC-2-D-CORE	2	21	D	1267911.4	205517.4
			LDW-Y2-SU-ENR+AC-2-E-CORE	2	5	E	1267891.5	205484.3
			LDW-Y2-SU-ENR+AC-3-A-CORE	3	20	A	1267934.1	205456.1
			LDW-Y2-SU-ENR+AC-3-B-CORE	3	1	B	1267896.3	205462.0
			LDW-Y2-SU-ENR+AC-3-C-CORE	3	9	C	1267917.3	205440.9
			LDW-Y2-SU-ENR+AC-3-D-CORE	3	11	D	1267920.5	205417.7
			LDW-Y2-SU-ENR+AC-3-E-CORE	3	3	E	1267907.5	205437.9
			LDW-Y2-SU-ENR+AC-4-A-CORE	4	22	A	1267960.4	205363.5
			LDW-Y2-SU-ENR+AC-4-B-CORE	4	20	B	1267953.6	205387.9
			LDW-Y2-SU-ENR+AC-4-C-CORE	4	6	C	1267940.7	205330.9
			LDW-Y2-SU-ENR+AC-4-D-CORE	4	24	D	1267970.7	205341.1
			LDW-Y2-SU-ENR+AC-4-E-CORE	4	13	E	1267941.6	205394.5
			LDW-Y2-SU-ENR+AC-5-A-CORE	5	1	A	1267945.3	205317.8
			LDW-Y2-SU-ENR+AC-5-B-CORE	5	23	B	1267990.7	205279.7
			LDW-Y2-SU-ENR+AC-5-C-CORE	5	22	C	1267986.1	205291.0
			LDW-Y2-SU-ENR+AC-5-D-CORE	5	18	D	1267987.6	205261.5
			LDW-Y2-SU-ENR+AC-5-E-CORE	5	21	E	1267980.9	205301.0
			LDW-Y2-SU-ENR+AC-6-A-CORE	6	24	A	1268015.3	205192.6
			LDW-Y2-SU-ENR+AC-6-B-CORE	6	11	B	1267993.3	205198.8
			LDW-Y2-SU-ENR+AC-6-C-CORE	6	6	C	1267989.9	205183.4
			LDW-Y2-SU-ENR+AC-6-D-CORE	6	19	D	1267995.0	205253.8
			LDW-Y2-SU-ENR+AC-6-E-CORE	6	1	E	1267969.5	205244.9

**Table 1**  
**Sample Location Coordinates**

Plot	Subplot	Treatment	Discrete Sediment Sample ID	Grid Cell	Location Cell	Composite	Easting	Northing
Scour	Upstream	ENR	LDW-Y2-SC-ENR-1-A-CORE	1	11	A	1266970.1	211053.8
			LDW-Y2-SC-ENR-1-B-CORE	1	1	B	1266971.6	211098.8
			LDW-Y2-SC-ENR-1-C-CORE	1	8	C	1266979.6	211085.0
			LDW-Y2-SC-ENR-1-D-CORE	1	5	D	1266959.0	211057.2
			LDW-Y2-SC-ENR-1-E-CORE	1	18	E	1266978.2	211040.1
			LDW-Y2-SC-ENR-2-A-CORE	2	19	A	1266986.1	211026.1
			LDW-Y2-SC-ENR-2-B-CORE	2	3	B	1266946.1	211014.7
			LDW-Y2-SC-ENR-2-C-CORE	2	11	C	1266950.7	210989.8
			LDW-Y2-SC-ENR-2-D-CORE	2	7	D	1266963.8	211032.9
			LDW-Y2-SC-ENR-2-E-CORE	2	24	E	1266969.7	210972.2
			LDW-Y2-SC-ENR-3-A-CORE	3	6	A	1267000.5	211033.3
			LDW-Y2-SC-ENR-3-B-CORE	3	19	B	1267049.7	211075.0
			LDW-Y2-SC-ENR-3-C-CORE	3	7	C	1267027.4	211081.8
			LDW-Y2-SC-ENR-3-D-CORE	3	8	D	1267024.3	211071.4
			LDW-Y2-SC-ENR-3-E-CORE	3	18	E	1267022.8	211026.5
			LDW-Y2-SC-ENR-4-A-CORE	4	22	A	1267020.9	210980.2
			LDW-Y2-SC-ENR-4-B-CORE	4	11	B	1266995.3	210976.2
			LDW-Y2-SC-ENR-4-C-CORE	4	9	C	1267001.9	210997.8
			LDW-Y2-SC-ENR-4-D-CORE	4	14	D	1267016.3	211005.1
			LDW-Y2-SC-ENR-4-E-CORE	4	15	E	1267013.0	210994.4
			LDW-Y2-SC-ENR-5-A-CORE	5	22	A	1267084.9	211030.3
			LDW-Y2-SC-ENR-5-B-CORE	5	18	B	1267067.5	211012.9
			LDW-Y2-SC-ENR-5-C-CORE	5	2	C	1267057.7	211061.3
			LDW-Y2-SC-ENR-5-D-CORE	5	13	D	1267083.2	211064.9
			LDW-Y2-SC-ENR-5-E-CORE	5	7	E	1267072.1	211068.2
			LDW-Y2-SC-ENR-6-A-CORE	6	3	A	1267035.4	210987.6
			LDW-Y2-SC-ENR-6-B-CORE	6	4	B	1267032.1	210976.8
			LDW-Y2-SC-ENR-6-C-CORE	6	16	C	1267054.4	210970.0
			LDW-Y2-SC-ENR-6-D-CORE	6	12	D	1267036.7	210951.9
			LDW-Y2-SC-ENR-6-E-CORE	6	20	E	1267072.1	210988.2

**Table 1  
Sample Location Coordinates**

Plot	Subplot	Treatment	Discrete Sediment Sample ID	Grid Cell	Location Cell	Composite	Easting	Northing
Scour	Downstream	ENR+AC	LDW-Y2-SC-ENR+AC-1-A-CORE	1	7	A	1267027.0	211241.1
			LDW-Y2-SC-ENR+AC-1-B-CORE	1	16	B	1267028.0	211204.2
			LDW-Y2-SC-ENR+AC-1-C-CORE	1	20	C	1267046.0	211223.2
			LDW-Y2-SC-ENR+AC-1-D-CORE	1	1	D	1267015.9	211244.5
			LDW-Y2-SC-ENR+AC-1-E-CORE	1	8	E	1267023.6	211229.9
			LDW-Y2-SC-ENR+AC-2-A-CORE	2	1	A	1266995.5	211177.6
			LDW-Y2-SC-ENR+AC-2-B-CORE	2	8	B	1267003.4	211163.4
			LDW-Y2-SC-ENR+AC-2-C-CORE	2	3	C	1266989.0	211156.0
			LDW-Y2-SC-ENR+AC-2-D-CORE	2	9	D	1267000.2	211152.6
			LDW-Y2-SC-ENR+AC-2-E-CORE	2	23	E	1267015.9	211124.3
			LDW-Y2-SC-ENR+AC-3-A-CORE	3	7	A	1267071.7	211227.6
			LDW-Y2-SC-ENR+AC-3-B-CORE	3	8	B	1267068.3	211216.4
			LDW-Y2-SC-ENR+AC-3-C-CORE	3	11	C	1267058.1	211182.8
			LDW-Y2-SC-ENR+AC-3-D-CORE	3	12	D	1267054.7	211171.6
			LDW-Y2-SC-ENR+AC-3-E-CORE	3	17	E	1267069.3	211179.4
			LDW-Y2-SC-ENR+AC-4-A-CORE	4	21	A	1267067.1	211132.3
			LDW-Y2-SC-ENR+AC-4-B-CORE	4	5	B	1267027.1	211120.9
			LDW-Y2-SC-ENR+AC-4-C-CORE	4	20	C	1267070.4	211143.1
			LDW-Y2-SC-ENR+AC-4-D-CORE	4	3	D	1267033.6	211142.5
			LDW-Y2-SC-ENR+AC-4-E-CORE	4	16	E	1267052.7	211124.9
			LDW-Y2-SC-ENR+AC-5-A-CORE	5	18	A	1267110.5	211154.7
			LDW-Y2-SC-ENR+AC-5-B-CORE	5	3	B	1267098.4	211195.0
			LDW-Y2-SC-ENR+AC-5-C-CORE	5	2	C	1267101.8	211206.2
			LDW-Y2-SC-ENR+AC-5-D-CORE	5	23	D	1267125.1	211162.5
			LDW-Y2-SC-ENR+AC-5-E-CORE	5	11	E	1267102.7	211169.3
			LDW-Y2-SC-ENR+AC-6-A-CORE	6	15	A	1267100.6	211122.1
			LDW-Y2-SC-ENR+AC-6-B-CORE	6	1	B	1267084.9	211150.5
			LDW-Y2-SC-ENR+AC-6-C-CORE	6	4	C	1267075.0	211118.1
			LDW-Y2-SC-ENR+AC-6-D-CORE	6	14	D	1267103.9	211132.9
			LDW-Y2-SC-ENR+AC-6-E-CORE	6	8	E	1267092.7	211136.3

**Table 1**  
**Sample Location Coordinates**

Plot	Subplot	Treatment	Discrete Sediment Sample ID	Grid Cell	Location Cell	Composite	Easting	Northing
Intertidal	Upstream	ENR	LDW-Y2-IN-ENR-1-A-CORE	1	21	A	1276268.1	194142.7
			LDW-Y2-IN-ENR-1-B-CORE	1	18	B	1276265.5	194104.0
			LDW-Y2-IN-ENR-1-C-CORE	1	13	C	1276251.6	194164.3
			LDW-Y2-IN-ENR-1-D-CORE	1	12	D	1276254.6	194101.5
			LDW-Y2-IN-ENR-1-E-CORE	1	23	E	1276273.7	194118.6
			LDW-Y2-IN-ENR-2-A-CORE	2	18	A	1276282.2	194031.6
			LDW-Y2-IN-ENR-2-B-CORE	2	7	B	1276257.4	194089.4
			LDW-Y2-IN-ENR-2-C-CORE	2	2	C	1276249.2	194074.8
			LDW-Y2-IN-ENR-2-D-CORE	2	21	D	1276284.8	194070.3
			LDW-Y2-IN-ENR-2-E-CORE	2	19	E	1276279.2	194094.4
			LDW-Y2-IN-ENR-3-A-CORE	3	3	A	1276268.6	193990.4
			LDW-Y2-IN-ENR-3-B-CORE	3	16	B	1276293.3	193983.4
			LDW-Y2-IN-ENR-3-C-CORE	3	18	C	1276298.8	193959.2
			LDW-Y2-IN-ENR-3-D-CORE	3	17	D	1276296.1	193971.3
			LDW-Y2-IN-ENR-3-E-CORE	3	7	E	1276274.0	194017.0
			LDW-Y2-IN-ENR-4-A-CORE	4	8	A	1276284.5	194159.8
			LDW-Y2-IN-ENR-4-B-CORE	4	3	B	1276276.3	194145.2
			LDW-Y2-IN-ENR-4-C-CORE	4	4	C	1276279.1	194133.2
			LDW-Y2-IN-ENR-4-D-CORE	4	2	D	1276273.5	194157.3
			LDW-Y2-IN-ENR-4-E-CORE	4	7	E	1276281.7	194171.9
			LDW-Y2-IN-ENR-5-A-CORE	5	24	A	1276336.9	194044.2
			LDW-Y2-IN-ENR-5-B-CORE	5	22	B	1276331.3	194068.3
			LDW-Y2-IN-ENR-5-C-CORE	5	8	C	1276303.9	194087.4
			LDW-Y2-IN-ENR-5-D-CORE	5	18	D	1276325.9	194041.7
			LDW-Y2-IN-ENR-5-E-CORE	5	1	E	1276290.2	194097.0
			LDW-Y2-IN-ENR-6-A-CORE	6	7	A	1276317.8	194027.1
			LDW-Y2-IN-ENR-6-B-CORE	6	4	B	1276315.2	193988.4
			LDW-Y2-IN-ENR-6-C-CORE	6	22	C	1276348.0	193995.9
LDW-Y2-IN-ENR-6-D-CORE	6	13	D	1276328.7	194029.6			
LDW-Y2-IN-ENR-6-E-CORE	6	24	E	1276353.5	193971.8			

**Table 1  
Sample Location Coordinates**

Plot	Subplot	Treatment	Discrete Sediment Sample ID	Grid Cell	Location Cell	Composite	Easting	Northing
Intertidal	Downstream	ENR+AC	LDW-Y2-IN-ENR+AC-1-A-CORE	1	6	A	1276171.5	194412.5
			LDW-Y2-IN-ENR+AC-1-B-CORE	1	14	B	1276182.8	194463.3
			LDW-Y2-IN-ENR+AC-1-C-CORE	1	3	C	1276163.6	194446.8
			LDW-Y2-IN-ENR+AC-1-D-CORE	1	18	D	1276193.4	194417.5
			LDW-Y2-IN-ENR+AC-1-E-CORE	1	15	E	1276185.5	194451.9
			LDW-Y2-IN-ENR+AC-2-A-CORE	2	20	A	1276209.6	194397.2
			LDW-Y2-IN-ENR+AC-2-B-CORE	2	15	B	1276201.3	194383.2
			LDW-Y2-IN-ENR+AC-2-C-CORE	2	24	C	1276220.1	194351.5
			LDW-Y2-IN-ENR+AC-2-D-CORE	2	2	D	1276176.8	194389.6
			LDW-Y2-IN-ENR+AC-2-E-CORE	2	11	E	1276195.6	194357.9
			LDW-Y2-IN-ENR+AC-3-A-CORE	3	8	A	1276203.5	194323.6
			LDW-Y2-IN-ENR+AC-3-B-CORE	3	13	B	1276211.8	194337.5
			LDW-Y2-IN-ENR+AC-3-C-CORE	3	14	C	1276214.4	194326.1
			LDW-Y2-IN-ENR+AC-3-D-CORE	3	2	D	1276192.6	194321.0
			LDW-Y2-IN-ENR+AC-3-E-CORE	3	22	E	1276230.6	194305.7
			LDW-Y2-IN-ENR+AC-4-A-CORE	4	16	A	1276231.8	194450.5
			LDW-Y2-IN-ENR+AC-4-B-CORE	4	10	B	1276220.9	194448.0
			LDW-Y2-IN-ENR+AC-4-C-CORE	4	12	C	1276226.2	194425.1
			LDW-Y2-IN-ENR+AC-4-D-CORE	4	11	D	1276223.5	194436.5
			LDW-Y2-IN-ENR+AC-4-E-CORE	4	21	E	1276240.1	194464.4
			LDW-Y2-IN-ENR+AC-5-A-CORE	5	20	A	1276253.3	194407.3
			LDW-Y2-IN-ENR+AC-5-B-CORE	5	23	B	1276261.2	194373.0
			LDW-Y2-IN-ENR+AC-5-C-CORE	5	3	C	1276223.1	194388.3
			LDW-Y2-IN-ENR+AC-5-D-CORE	5	21	D	1276255.9	194395.8
LDW-Y2-IN-ENR+AC-5-E-CORE	5	10	E	1276236.7	194379.4			
LDW-Y2-IN-ENR+AC-6-A-CORE	6	24	A	1276279.6	194292.9			
LDW-Y2-IN-ENR+AC-6-B-CORE	6	13	B	1276255.5	194347.6			
LDW-Y2-IN-ENR+AC-6-C-CORE	6	1	C	1276233.7	194342.5			
LDW-Y2-IN-ENR+AC-6-D-CORE	6	3	D	1276238.9	194319.7			
LDW-Y2-IN-ENR+AC-6-E-CORE	6	23	E	1276277.0	194304.4			

Notes:

- Locations were selected by dividing the subplot into a 4-by-6 grid, numbering the grid cells 1 through 24, and then using a random number generator to select the location of each sample. The GPS coordinates of the center of the selected cell are presented in the database expressed as Northings and Eastings in state plane coordinates according to the procedures in Section 3.0 of the QAPP.
- Coordinates for center of location cell in Washington State Plane North.

Abbreviations:

ENR = Enhanced natural recovery

ENR+AC = Enhanced natural recovery amended with activated carbon

GPS = Global positioning system

QAPP = Quality assurance project plan

**Table 2  
Composite Formation**

Sediment and SPME Composites (0-10 cm)								
Plot	Subplot	Grid Cell	Location Cell	Composite	Discrete SPME Sample ID	Composite SPME Sample ID & Vial ID	Discrete Sediment Sample ID	Composite Sediment Sample ID
Subtidal	ENR	1	3	A	LDW-Y2-SU-ENR-1-A-S010-SPME	LDW-Y2-SU-ENR-CA-S010	LDW-Y2-SU-ENR-1-A-CORE	LDW-Y2-SU-ENR-CA-CORE
Subtidal	ENR	2	13	A	LDW-Y2-SU-ENR-2-A-S010-SPME		LDW-Y2-SU-ENR-2-A-CORE	
Subtidal	ENR	3	12	A	LDW-Y2-SU-ENR-3-A-S010-SPME		LDW-Y2-SU-ENR-3-A-CORE	
Subtidal	ENR	4	8	A	LDW-Y2-SU-ENR-4-A-S010-SPME		LDW-Y2-SU-ENR-4-A-CORE	
Subtidal	ENR	5	3	A	LDW-Y2-SU-ENR-5-A-S010-SPME		LDW-Y2-SU-ENR-5-A-CORE	
Subtidal	ENR	6	17	A	LDW-Y2-SU-ENR-6-A-S010-SPME		LDW-Y2-SU-ENR-6-A-CORE	
Subtidal	ENR	1	8	B	LDW-Y2-SU-ENR-1-B-S010-SPME	LDW-Y2-SU-ENR-CB-S010	LDW-Y2-SU-ENR-1-B-CORE	LDW-Y2-SU-ENR-CB-CORE
Subtidal	ENR	2	4	B	LDW-Y2-SU-ENR-2-B-S010-SPME		LDW-Y2-SU-ENR-2-B-CORE	
Subtidal	ENR	3	5	B	LDW-Y2-SU-ENR-3-B-S010-SPME		LDW-Y2-SU-ENR-3-B-CORE	
Subtidal	ENR	4	10	B	LDW-Y2-SU-ENR-4-B-S010-SPME		LDW-Y2-SU-ENR-4-B-CORE	
Subtidal	ENR	5	17	B	LDW-Y2-SU-ENR-5-B-S010-SPME		LDW-Y2-SU-ENR-5-B-CORE	
Subtidal	ENR	6	1	B	LDW-Y2-SU-ENR-6-B-S010-SPME		LDW-Y2-SU-ENR-6-B-CORE	
Subtidal	ENR	1	12	C	LDW-Y2-SU-ENR-1-C-S010-SPME	LDW-Y2-SU-ENR-CC-S010	LDW-Y2-SU-ENR-1-C-CORE	LDW-Y2-SU-ENR-CC-CORE
Subtidal	ENR	2	24	C	LDW-Y2-SU-ENR-2-C-S010-SPME		LDW-Y2-SU-ENR-2-C-CORE	
Subtidal	ENR	3	18	C	LDW-Y2-SU-ENR-3-C-S010-SPME		LDW-Y2-SU-ENR-3-C-CORE	
Subtidal	ENR	4	22	C	LDW-Y2-SU-ENR-4-C-S010-SPME		LDW-Y2-SU-ENR-4-C-CORE	
Subtidal	ENR	5	24	C	LDW-Y2-SU-ENR-5-C-S010-SPME		LDW-Y2-SU-ENR-5-C-CORE	
Subtidal	ENR	6	14	C	LDW-Y2-SU-ENR-6-C-S010-SPME		LDW-Y2-SU-ENR-6-C-CORE	
Subtidal	ENR	1	18	D	LDW-Y2-SU-ENR-1-D-S010-SPME	LDW-Y2-SU-ENR-CD-S010	LDW-Y2-SU-ENR-1-D-CORE	LDW-Y2-SU-ENR-CD-CORE
Subtidal	ENR	2	12	D	LDW-Y2-SU-ENR-2-D-S010-SPME		LDW-Y2-SU-ENR-2-D-CORE	
Subtidal	ENR	3	22	D	LDW-Y2-SU-ENR-3-D-S010-SPME		LDW-Y2-SU-ENR-3-D-CORE	
Subtidal	ENR	4	6	D	LDW-Y2-SU-ENR-4-D-S010-SPME		LDW-Y2-SU-ENR-4-D-CORE	
Subtidal	ENR	5	4	D	LDW-Y2-SU-ENR-5-D-S010-SPME		LDW-Y2-SU-ENR-5-D-CORE	
Subtidal	ENR	6	13	D	LDW-Y2-SU-ENR-6-D-S010-SPME		LDW-Y2-SU-ENR-6-D-CORE	
Subtidal	ENR	1	1	E	LDW-Y2-SU-ENR-1-E-S010-SPME	LDW-Y2-SU-ENR-CE-S010	LDW-Y2-SU-ENR-1-E-CORE	LDW-Y2-SU-ENR-CE-CORE
Subtidal	ENR	2	14	E	LDW-Y2-SU-ENR-2-E-S010-SPME		LDW-Y2-SU-ENR-2-E-CORE	
Subtidal	ENR	3	9	E	LDW-Y2-SU-ENR-3-E-S010-SPME		LDW-Y2-SU-ENR-3-E-CORE	
Subtidal	ENR	4	4	E	LDW-Y2-SU-ENR-4-E-S010-SPME		LDW-Y2-SU-ENR-4-E-CORE	
Subtidal	ENR	5	15	E	LDW-Y2-SU-ENR-5-E-S010-SPME		LDW-Y2-SU-ENR-5-E-CORE	
Subtidal	ENR	6	12	E	LDW-Y2-SU-ENR-6-E-S010-SPME		LDW-Y2-SU-ENR-6-E-CORE	
Subtidal	ENR+AC	1	24	A	LDW-Y2-SU-ENR+AC-1-A-S010-SPME	LDW-Y2-SU-ENR+AC-CA-S010	LDW-Y2-SU-ENR+AC-1-A-CORE	LDW-Y2-SU-ENR+AC-CA-CORE
Subtidal	ENR+AC	2	24	A	LDW-Y2-SU-ENR+AC-2-A-S010-SPME		LDW-Y2-SU-ENR+AC-2-A-CORE	
Subtidal	ENR+AC	3	20	A	LDW-Y2-SU-ENR+AC-3-A-S010-SPME		LDW-Y2-SU-ENR+AC-3-A-CORE	
Subtidal	ENR+AC	4	22	A	LDW-Y2-SU-ENR+AC-4-A-S010-SPME		LDW-Y2-SU-ENR+AC-4-A-CORE	
Subtidal	ENR+AC	5	1	A	LDW-Y2-SU-ENR+AC-5-A-S010-SPME		LDW-Y2-SU-ENR+AC-5-A-CORE	
Subtidal	ENR+AC	6	24	A	LDW-Y2-SU-ENR+AC-6-A-S010-SPME		LDW-Y2-SU-ENR+AC-6-A-CORE	
Subtidal	ENR+AC	1	3	B	LDW-Y2-SU-ENR+AC-1-B-S010-SPME	LDW-Y2-SU-ENR+AC-CB-S010	LDW-Y2-SU-ENR+AC-1-B-CORE	LDW-Y2-SU-ENR+AC-CB-CORE
Subtidal	ENR+AC	2	19	B	LDW-Y2-SU-ENR+AC-2-B-S010-SPME		LDW-Y2-SU-ENR+AC-2-B-CORE	
Subtidal	ENR+AC	3	1	B	LDW-Y2-SU-ENR+AC-3-B-S010-SPME		LDW-Y2-SU-ENR+AC-3-B-CORE	
Subtidal	ENR+AC	4	20	B	LDW-Y2-SU-ENR+AC-4-B-S010-SPME		LDW-Y2-SU-ENR+AC-4-B-CORE	
Subtidal	ENR+AC	5	23	B	LDW-Y2-SU-ENR+AC-5-B-S010-SPME		LDW-Y2-SU-ENR+AC-5-B-CORE	
Subtidal	ENR+AC	6	11	B	LDW-Y2-SU-ENR+AC-6-B-S010-SPME		LDW-Y2-SU-ENR+AC-6-B-CORE	
Subtidal	ENR+AC	1	17	C	LDW-Y2-SU-ENR+AC-1-C-S010-SPME	LDW-Y2-SU-ENR+AC-CC-S010	LDW-Y2-SU-ENR+AC-1-C-CORE	LDW-Y2-SU-ENR+AC-CC-CORE
Subtidal	ENR+AC	2	6	C	LDW-Y2-SU-ENR+AC-2-C-S010-SPME		LDW-Y2-SU-ENR+AC-2-C-CORE	
Subtidal	ENR+AC	3	9	C	LDW-Y2-SU-ENR+AC-3-C-S010-SPME		LDW-Y2-SU-ENR+AC-3-C-CORE	
Subtidal	ENR+AC	4	6	C	LDW-Y2-SU-ENR+AC-4-C-S010-SPME		LDW-Y2-SU-ENR+AC-4-C-CORE	
Subtidal	ENR+AC	5	22	C	LDW-Y2-SU-ENR+AC-5-C-S010-SPME		LDW-Y2-SU-ENR+AC-5-C-CORE	
Subtidal	ENR+AC	6	6	C	LDW-Y2-SU-ENR+AC-6-C-S010-SPME		LDW-Y2-SU-ENR+AC-6-C-CORE	



**Table 2  
Composite Formation**

Sediment and SPME Composites (0-10 cm)								
Plot	Subplot	Grid Cell	Location Cell	Composite	Discrete SPME Sample ID	Composite SPME Sample ID & Vial ID	Discrete Sediment Sample ID	Composite Sediment Sample ID
Subtidal	ENR+AC	1	21	D	LDW-Y2-SU-ENR+AC-1-D-S010-SPME	LDW-Y2-SU-ENR+AC-CD-S010	LDW-Y2-SU-ENR+AC-1-D-CORE	LDW-Y2-SU-ENR+AC-CD-CORE
Subtidal	ENR+AC	2	21	D	LDW-Y2-SU-ENR+AC-2-D-S010-SPME		LDW-Y2-SU-ENR+AC-2-D-CORE	
Subtidal	ENR+AC	3	11	D	LDW-Y2-SU-ENR+AC-3-D-S010-SPME		LDW-Y2-SU-ENR+AC-3-D-CORE	
Subtidal	ENR+AC	4	24	D	LDW-Y2-SU-ENR+AC-4-D-S010-SPME		LDW-Y2-SU-ENR+AC-4-D-CORE	
Subtidal	ENR+AC	5	18	D	LDW-Y2-SU-ENR+AC-5-D-S010-SPME		LDW-Y2-SU-ENR+AC-5-D-CORE	
Subtidal	ENR+AC	6	19	D	LDW-Y2-SU-ENR+AC-6-D-S010-SPME		LDW-Y2-SU-ENR+AC-6-D-CORE	
Subtidal	ENR+AC	1	22	E	LDW-Y2-SU-ENR+AC-1-E-S010-SPME	LDW-Y2-SU-ENR+AC-CE-S010	LDW-Y2-SU-ENR+AC-1-E-CORE	LDW-Y2-SU-ENR+AC-CE-CORE
Subtidal	ENR+AC	2	5	E	LDW-Y2-SU-ENR+AC-2-E-S010-SPME		LDW-Y2-SU-ENR+AC-2-E-CORE	
Subtidal	ENR+AC	3	3	E	LDW-Y2-SU-ENR+AC-3-E-S010-SPME		LDW-Y2-SU-ENR+AC-3-E-CORE	
Subtidal	ENR+AC	4	13	E	LDW-Y2-SU-ENR+AC-4-E-S010-SPME		LDW-Y2-SU-ENR+AC-4-E-CORE	
Subtidal	ENR+AC	5	21	E	LDW-Y2-SU-ENR+AC-5-E-S010-SPME		LDW-Y2-SU-ENR+AC-5-E-CORE	
Subtidal	ENR+AC	6	1	E	LDW-Y2-SU-ENR+AC-6-E-S010-SPME		LDW-Y2-SU-ENR+AC-6-E-CORE	
Scour	ENR	1	11	A	LDW-Y2-SC-ENR-1-A-S010-SPME	LDW-Y2-SC-ENR-CA-S010	LDW-Y2-SC-ENR-1-A-CORE	LDW-Y2-SC-ENR-CA-CORE
Scour	ENR	2	19	A	LDW-Y2-SC-ENR-2-A-S010-SPME		LDW-Y2-SC-ENR-2-A-CORE	
Scour	ENR	3	6	A	SPME not recovered/usable		Core not included in composite	
Scour	ENR	4	22	A	SPME not recovered/usable		Core not included in composite	
Scour	ENR	5	22	A	LDW-Y2-SC-ENR-5-A-S010-SPME		LDW-Y2-SC-ENR-5-A-CORE	
Scour	ENR	6	3	A	LDW-Y2-SC-ENR-6-A-S010-SPME		LDW-Y2-SC-ENR-6-A-CORE	
Scour	ENR	1	1	B	LDW-Y2-SC-ENR-1-B-S010-SPME	LDW-Y2-SC-ENR-CB-S010	LDW-Y2-SC-ENR-1-B-CORE	LDW-Y2-SC-ENR-CB-CORE
Scour	ENR	2	3	B	LDW-Y2-SC-ENR-2-B-S010-SPME		LDW-Y2-SC-ENR-2-B-CORE	
Scour	ENR	3	19	B	SPME not recovered/usable		Core not included in composite	
Scour	ENR	4	11	B	LDW-Y2-SC-ENR-4-B-S010-SPME		LDW-Y2-SC-ENR-4-B-CORE	
Scour	ENR	5	18	B	SPME not recovered/usable		Core not included in composite	
Scour	ENR	6	4	B	LDW-Y2-SC-ENR-6-B-S010-SPME		LDW-Y2-SC-ENR-6-B-CORE	
Scour	ENR	1	8	C	LDW-Y2-SC-ENR-1-C-S010-SPME	LDW-Y2-SC-ENR-CC-S010	LDW-Y2-SC-ENR-1-C-CORE	LDW-Y2-SC-ENR-CC-CORE
Scour	ENR	2	11	C	LDW-Y2-SC-ENR-2-C-S010-SPME		LDW-Y2-SC-ENR-2-C-CORE	
Scour	ENR	3	7	C	LDW-Y2-SC-ENR-3-C-S010-SPME		LDW-Y2-SC-ENR-3-C-CORE	
Scour	ENR	4	9	C	SPME not recovered/usable		Core not included in composite	
Scour	ENR	5	2	C	LDW-Y2-SC-ENR-5-C-S010-SPME		LDW-Y2-SC-ENR-5-C-CORE	
Scour	ENR	6	16	C	LDW-Y2-SC-ENR-6-C-S010-SPME		LDW-Y2-SC-ENR-6-C-CORE	
Scour	ENR	1	5	D	LDW-Y2-SC-ENR-1-D-S010-SPME	LDW-Y2-SC-ENR-CD-S010	LDW-Y2-SC-ENR-1-D-CORE	LDW-Y2-SC-ENR-CD-CORE
Scour	ENR	2	7	D	LDW-Y2-SC-ENR-2-D-S010-SPME		LDW-Y2-SC-ENR-2-D-CORE	
Scour	ENR	3	8	D	LDW-Y2-SC-ENR-3-D-S010-SPME		LDW-Y2-SC-ENR-3-D-CORE	
Scour	ENR	4	14	D	LDW-Y2-SC-ENR-4-D-S010-SPME		LDW-Y2-SC-ENR-4-D-CORE	
Scour	ENR	5	13	D	LDW-Y2-SC-ENR-5-D-S010-SPME		LDW-Y2-SC-ENR-5-D-CORE	
Scour	ENR	6	12	D	LDW-Y2-SC-ENR-6-D-S010-SPME		LDW-Y2-SC-ENR-6-D-CORE	
Scour	ENR	1	18	E	LDW-Y2-SC-ENR-1-E-S010-SPME	LDW-Y2-SC-ENR-CE-S010	LDW-Y2-SC-ENR-1-E-CORE	LDW-Y2-SC-ENR-CE-CORE
Scour	ENR	2	24	E	LDW-Y2-SC-ENR-2-E-S010-SPME		LDW-Y2-SC-ENR-2-E-CORE	
Scour	ENR	3	18	E	LDW-Y2-SC-ENR-3-E-S010-SPME		LDW-Y2-SC-ENR-3-E-CORE	
Scour	ENR	4	15	E	LDW-Y2-SC-ENR-4-E-S010-SPME		LDW-Y2-SC-ENR-4-E-CORE	
Scour	ENR	5	7	E	LDW-Y2-SC-ENR-5-E-S010-SPME		LDW-Y2-SC-ENR-5-E-CORE	
Scour	ENR	6	20	E	LDW-Y2-SC-ENR-6-E-S010-SPME		LDW-Y2-SC-ENR-6-E-CORE	

**Table 2  
Composite Formation**

Sediment and SPME Composites (0-10 cm)								
Plot	Subplot	Grid Cell	Location Cell	Composite	Discrete SPME Sample ID	Composite SPME Sample ID & Vial ID	Discrete Sediment Sample ID	Composite Sediment Sample ID
Scour	ENR+AC	1	7	A	LDW-Y2-SC-ENR+AC-1-A-S010-SPME	LDW-Y2-SC-ENR+AC-CAD-S010 <sup>1</sup>	LDW-Y2-SC-ENR+AC-1-A-CORE	LDW-Y2-SC-ENR+AC-CAD-CORE <sup>1</sup>
Scour	ENR+AC	2	1	A	SPME not recovered/usable		Core not included in composite	
Scour	ENR+AC	3	7	A	SPME not recovered/usable		Core not included in composite	
Scour	ENR+AC	4	21	A	SPME not recovered/usable		Core not included in composite	
Scour	ENR+AC	5	18	A	SPME not recovered/usable		Core not included in composite	
Scour	ENR+AC	6	15	A	LDW-Y2-SC-ENR+AC-6-A-S010-SPME		LDW-Y2-SC-ENR+AC-6-A-CORE	
Scour	ENR+AC	1	16	B	LDW-Y2-SC-ENR+AC-1-B-S010-SPME	LDW-Y2-SC-ENR+AC-CB-S010	LDW-Y2-SC-ENR+AC-1-B-CORE	LDW-Y2-SC-ENR+AC-CB-CORE
Scour	ENR+AC	2	8	B	LDW-Y2-SC-ENR+AC-2-B-S010-SPME		LDW-Y2-SC-ENR+AC-2-B-CORE	
Scour	ENR+AC	3	8	B	LDW-Y2-SC-ENR+AC-3-B-S010-SPME		LDW-Y2-SC-ENR+AC-3-B-CORE	
Scour	ENR+AC	4	5	B	LDW-Y2-SC-ENR+AC-4-B-S010-SPME		LDW-Y2-SC-ENR+AC-4-B-CORE	
Scour	ENR+AC	5	3	B	SPME not recovered/usable		Core not included in composite	
Scour	ENR+AC	6	1	B	SPME not recovered/usable		Core not included in composite	
Scour	ENR+AC	1	20	C	LDW-Y2-SC-ENR+AC-1-C-S010-SPME	LDW-Y2-SC-ENR+AC-CC-S010	LDW-Y2-SC-ENR+AC-1-C-CORE	LDW-Y2-SC-ENR+AC-CC-CORE
Scour	ENR+AC	2	3	C	LDW-Y2-SC-ENR+AC-2-C-S010-SPME		LDW-Y2-SC-ENR+AC-2-C-CORE	
Scour	ENR+AC	3	11	C	LDW-Y2-SC-ENR+AC-3-C-S010-SPME		LDW-Y2-SC-ENR+AC-3-C-CORE	
Scour	ENR+AC	4	20	C	LDW-Y2-SC-ENR+AC-4-C-S010-SPME		LDW-Y2-SC-ENR+AC-4-C-CORE	
Scour	ENR+AC	5	2	C	SPME not recovered/usable		Core not included in composite	
Scour	ENR+AC	6	4	C	SPME not recovered/usable		Core not included in composite	
Scour	ENR+AC	1	1	D	SPME not recovered/usable	LDW-Y2-SC-ENR+AC-CAD-S010 <sup>1</sup>	Core not included in composite	LDW-Y2-SC-ENR+AC-CAD-CORE <sup>1</sup>
Scour	ENR+AC	2	9	D	LDW-Y2-SC-ENR+AC-2-D-S010-SPME		LDW-Y2-SC-ENR+AC-2-D-CORE	
Scour	ENR+AC	3	12	D	SPME not recovered/usable		Core not included in composite	
Scour	ENR+AC	4	3	D	SPME not recovered/usable		Core not included in composite	
Scour	ENR+AC	5	23	D	LDW-Y2-SC-ENR+AC-5-D-S010-SPME		LDW-Y2-SC-ENR+AC-5-D-CORE	
Scour	ENR+AC	6	14	D	SPME not recovered/usable		Core not included in composite	
Scour	ENR+AC	1	8	E	SPME not recovered/usable	LDW-Y2-SC-ENR+AC-CE-S010	Core not included in composite	LDW-Y2-SC-ENR+AC-CE-CORE
Scour	ENR+AC	2	23	E	SPME not recovered/usable		Core not included in composite	
Scour	ENR+AC	3	17	E	LDW-Y2-SC-ENR+AC-3-E-S010-SPME		LDW-Y2-SC-ENR+AC-3-E-CORE	
Scour	ENR+AC	4	16	E	SPME not recovered/usable		Core not included in composite	
Scour	ENR+AC	5	11	E	SPME not recovered/usable		Core not included in composite	
Scour	ENR+AC	6	8	E	SPME not recovered/usable		Core not included in composite	
Intertidal	ENR	1	21	A	LDW-Y2-IN-ENR-1-A-S010-SPME	LDW-Y2-IN-ENR-CA-S010	LDW-Y2-IN-ENR-1-A-CORE	LDW-Y2-IN-ENR-CA-CORE
Intertidal	ENR	2	18	A	LDW-Y2-IN-ENR-2-A-S010-SPME		LDW-Y2-IN-ENR-2-A-CORE	
Intertidal	ENR	3	3	A	LDW-Y2-IN-ENR-3-A-S010-SPME		LDW-Y2-IN-ENR-3-A-CORE	
Intertidal	ENR	4	8	A	LDW-Y2-IN-ENR-4-A-S010-SPME		LDW-Y2-IN-ENR-4-A-CORE	
Intertidal	ENR	5	24	A	LDW-Y2-IN-ENR-5-A-S010-SPME		LDW-Y2-IN-ENR-5-A-CORE	
Intertidal	ENR	6	7	A	LDW-Y2-IN-ENR-6-A-S010-SPME		LDW-Y2-IN-ENR-6-A-CORE	
Intertidal	ENR	1	18	B	LDW-Y2-IN-ENR-1-B-S010-SPME	LDW-Y2-IN-ENR-CB-S010	LDW-Y2-IN-ENR-1-B-CORE	LDW-Y2-IN-ENR-CB-CORE
Intertidal	ENR	2	7	B	LDW-Y2-IN-ENR-2-B-S010-SPME		LDW-Y2-IN-ENR-2-B-CORE	
Intertidal	ENR	3	16	B	LDW-Y2-IN-ENR-3-B-S010-SPME		LDW-Y2-IN-ENR-3-B-CORE	
Intertidal	ENR	4	3	B	LDW-Y2-IN-ENR-4-B-S010-SPME		LDW-Y2-IN-ENR-4-B-CORE	
Intertidal	ENR	5	22	B	LDW-Y2-IN-ENR-5-B-S010-SPME		LDW-Y2-IN-ENR-5-B-CORE	
Intertidal	ENR	6	4	B	LDW-Y2-IN-ENR-6-B-S010-SPME		LDW-Y2-IN-ENR-6-B-CORE	

**Table 2  
Composite Formation**

Sediment and SPME Composites (0-10 cm)								
Plot	Subplot	Grid Cell	Location Cell	Composite	Discrete SPME Sample ID	Composite SPME Sample ID & Vial ID	Discrete Sediment Sample ID	Composite Sediment Sample ID
Intertidal	ENR	1	13	C	SPME not recovered/usable	LDW-Y2-IN-ENR-CC-S010	Core not included in composite	LDW-Y2-IN-ENR-CC-CORE
Intertidal	ENR	2	2	C	SPME not recovered/usable		Core not included in composite	
Intertidal	ENR	3	18	C	LDW-Y2-IN-ENR-3-C-S010-SPME		LDW-Y2-IN-ENR-3-C-CORE	
Intertidal	ENR	4	4	C	LDW-Y2-IN-ENR-4-C-S010-SPME		LDW-Y2-IN-ENR-4-C-CORE	
Intertidal	ENR	5	8	C	LDW-Y2-IN-ENR-5-C-S010-SPME		LDW-Y2-IN-ENR-5-C-CORE	
Intertidal	ENR	6	22	C	LDW-Y2-IN-ENR-6-C-S010-SPME		LDW-Y2-IN-ENR-6-C-CORE	
Intertidal	ENR	1	12	D	LDW-Y2-IN-ENR-1-D-S010-SPME	LDW-Y2-IN-ENR-CD-S010	LDW-Y2-IN-ENR-1-D-CORE	LDW-Y2-IN-ENR-CD-CORE
Intertidal	ENR	2	21	D	SPME not recovered/usable		Core not included in composite	
Intertidal	ENR	3	17	D	LDW-Y2-IN-ENR-3-D-S010-SPME		LDW-Y2-IN-ENR-3-D-CORE	
Intertidal	ENR	4	2	D	LDW-Y2-IN-ENR-4-D-S010-SPME		LDW-Y2-IN-ENR-4-D-CORE	
Intertidal	ENR	5	18	D	LDW-Y2-IN-ENR-5-D-S010-SPME		LDW-Y2-IN-ENR-5-D-CORE	
Intertidal	ENR	6	13	D	LDW-Y2-IN-ENR-6-D-S010-SPME		LDW-Y2-IN-ENR-6-D-CORE	
Intertidal	ENR	1	23	E	LDW-Y2-IN-ENR-1-E-S010-SPME	LDW-Y2-IN-ENR-CE-S010	LDW-Y2-IN-ENR-1-E-CORE	LDW-Y2-IN-ENR-CE-CORE
Intertidal	ENR	2	19	E	SPME not recovered/usable		Core not included in composite	
Intertidal	ENR	3	7	E	LDW-Y2-IN-ENR-3-E-S010-SPME		LDW-Y2-IN-ENR-3-E-CORE	
Intertidal	ENR	4	7	E	LDW-Y2-IN-ENR-4-E-S010-SPME		LDW-Y2-IN-ENR-4-E-CORE	
Intertidal	ENR	5	1	E	LDW-Y2-IN-ENR-5-E-S010-SPME		LDW-Y2-IN-ENR-5-E-CORE	
Intertidal	ENR	6	24	E	LDW-Y2-IN-ENR-6-E-S010-SPME		LDW-Y2-IN-ENR-6-E-CORE	
Intertidal	ENR+AC	1	6	A	LDW-Y2-IN-ENR+AC-1-A-S010-SPME	LDW-Y2-IN-ENR+AC-CA-S010	LDW-Y2-IN-ENR+AC-1-A-CORE	LDW-Y2-IN-ENR+AC-CA-CORE
Intertidal	ENR+AC	2	20	A	LDW-Y2-IN-ENR+AC-2-A-S010-SPME		LDW-Y2-IN-ENR+AC-2-A-CORE	
Intertidal	ENR+AC	3	8	A	LDW-Y2-IN-ENR+AC-3-A-S010-SPME		LDW-Y2-IN-ENR+AC-3-A-CORE	
Intertidal	ENR+AC	4	16	A	LDW-Y2-IN-ENR+AC-4-A-S010-SPME		LDW-Y2-IN-ENR+AC-4-A-CORE	
Intertidal	ENR+AC	5	20	A	LDW-Y2-IN-ENR+AC-5-A-S010-SPME		LDW-Y2-IN-ENR+AC-5-A-CORE	
Intertidal	ENR+AC	6	24	A	LDW-Y2-IN-ENR+AC-6-A-S010-SPME		LDW-Y2-IN-ENR+AC-6-A-CORE	
Intertidal	ENR+AC	1	14	B	LDW-Y2-IN-ENR+AC-1-B-S010-SPME	LDW-Y2-IN-ENR+AC-CB-S010	LDW-Y2-IN-ENR+AC-1-B-CORE	LDW-Y2-IN-ENR+AC-CB-CORE
Intertidal	ENR+AC	2	15	B	LDW-Y2-IN-ENR+AC-2-B-S010-SPME		LDW-Y2-IN-ENR+AC-2-B-CORE	
Intertidal	ENR+AC	3	13	B	LDW-Y2-IN-ENR+AC-3-B-S010-SPME		LDW-Y2-IN-ENR+AC-3-B-CORE	
Intertidal	ENR+AC	4	10	B	LDW-Y2-IN-ENR+AC-4-B-S010-SPME		LDW-Y2-IN-ENR+AC-4-B-CORE	
Intertidal	ENR+AC	5	23	B	LDW-Y2-IN-ENR+AC-5-B-S010-SPME		LDW-Y2-IN-ENR+AC-5-B-CORE	
Intertidal	ENR+AC	6	13	B	LDW-Y2-IN-ENR+AC-6-B-S010-SPME		LDW-Y2-IN-ENR+AC-6-B-CORE	
Intertidal	ENR+AC	1	3	C	LDW-Y2-IN-ENR+AC-1-C-S010-SPME	LDW-Y2-IN-ENR+AC-CC-S010	LDW-Y2-IN-ENR+AC-1-C-CORE	LDW-Y2-IN-ENR+AC-CC-CORE
Intertidal	ENR+AC	2	24	C	LDW-Y2-IN-ENR+AC-2-C-S010-SPME		LDW-Y2-IN-ENR+AC-2-C-CORE	
Intertidal	ENR+AC	3	14	C	LDW-Y2-IN-ENR+AC-3-C-S010-SPME		LDW-Y2-IN-ENR+AC-3-C-CORE	
Intertidal	ENR+AC	4	12	C	LDW-Y2-IN-ENR+AC-4-C-S010-SPME		LDW-Y2-IN-ENR+AC-4-C-CORE	
Intertidal	ENR+AC	5	3	C	LDW-Y2-IN-ENR+AC-5-C-S010-SPME		LDW-Y2-IN-ENR+AC-5-C-CORE	
Intertidal	ENR+AC	6	1	C	LDW-Y2-IN-ENR+AC-6-C-S010-SPME		LDW-Y2-IN-ENR+AC-6-C-CORE	
Intertidal	ENR+AC	1	18	D	LDW-Y2-IN-ENR+AC-1-D-S010-SPME	LDW-Y2-IN-ENR+AC-CD-S010	LDW-Y2-IN-ENR+AC-1-D-CORE	LDW-Y2-IN-ENR+AC-CD-CORE
Intertidal	ENR+AC	2	2	D	LDW-Y2-IN-ENR+AC-2-D-S010-SPME		LDW-Y2-IN-ENR+AC-2-D-CORE	
Intertidal	ENR+AC	3	2	D	LDW-Y2-IN-ENR+AC-3-D-S010-SPME		LDW-Y2-IN-ENR+AC-3-D-CORE	
Intertidal	ENR+AC	4	11	D	LDW-Y2-IN-ENR+AC-4-D-S010-SPME		LDW-Y2-IN-ENR+AC-4-D-CORE	
Intertidal	ENR+AC	5	21	D	LDW-Y2-IN-ENR+AC-5-D-S010-SPME		LDW-Y2-IN-ENR+AC-5-D-CORE	
Intertidal	ENR+AC	6	3	D	LDW-Y2-IN-ENR+AC-6-D-S010-SPME		LDW-Y2-IN-ENR+AC-6-D-CORE	
Intertidal	ENR+AC	1	15	E	LDW-Y2-IN-ENR+AC-1-E-S010-SPME	LDW-Y2-IN-ENR+AC-CE-S010	LDW-Y2-IN-ENR+AC-1-E-CORE	LDW-Y2-IN-ENR+AC-CE-CORE
Intertidal	ENR+AC	2	11	E	LDW-Y2-IN-ENR+AC-2-E-S010-SPME		LDW-Y2-IN-ENR+AC-2-E-CORE	
Intertidal	ENR+AC	3	22	E	LDW-Y2-IN-ENR+AC-3-E-S010-SPME		LDW-Y2-IN-ENR+AC-3-E-CORE	
Intertidal	ENR+AC	4	21	E	LDW-Y2-IN-ENR+AC-4-E-S010-SPME		LDW-Y2-IN-ENR+AC-4-E-CORE	
Intertidal	ENR+AC	5	10	E	LDW-Y2-IN-ENR+AC-5-E-S010-SPME		LDW-Y2-IN-ENR+AC-5-E-CORE	
Intertidal	ENR+AC	6	23	E	LDW-Y2-IN-ENR+AC-6-E-S010-SPME		LDW-Y2-IN-ENR+AC-6-E-CORE	

**Table 2  
Composite Formation**

Sediment and SPME Composites (0-10 cm)								
Plot	Subplot	Grid Cell	Location Cell	Composite	Discrete SPME Sample ID	Composite SPME Sample ID & Vial ID	Discrete Sediment Sample ID	Composite Sediment Sample ID
Recently Deposited Surface Sediment Compositied								
Plot	Subplot	Grid Cell	Location Cell	Composite	Discrete SPME Sample ID	Composite SPME Sample ID & Vial ID	Discrete Sediment Sample ID	Composite Sediment Sample ID
Scour	ENR	1	1	NA	NA	NA	LDW-Y2-SC-ENR-1-B-SS	LDW-Y2-SC-ENR-SS
Scour	ENR	2	19				LDW-Y2-SC-ENR-2-A-SS	
Scour	ENR	3	6				LDW-Y2-SC-ENR-3-A-SS	
Scour	ENR	4	11				LDW-Y2-SC-ENR-4-B-SS	
Scour	ENR	5	13				LDW-Y2-SC-ENR-5-D-SS	
Scour	ENR	6	3				LDW-Y2-SC-ENR-6-A-SS	
Scour	ENR+AC	2	8	NA	NA	NA	LDW-Y2-SC-ENR+AC-2-B-SS	LDW-Y2-SC-ENR+AC-SS
Scour	ENR+AC	2	9				LDW-Y2-SC-ENR+AC-2-D-SS	
Scour	ENR+AC	2	23				LDW-Y2-SC-ENR+AC-2-E-SS	
Scour	ENR+AC	5	23				LDW-Y2-SC-ENR+AC-5-D-SS	
Scour	ENR+AC	6	18				LDW-Y2-SC-ENR+AC-6-A-SS	
Scour	ENR+AC	6	8				LDW-Y2-SC-ENR+AC-6-E-SS	

**Table 2  
Composite Formation**

Sediment and SPME Composites (0-10 cm)								
Plot	Subplot	Grid Cell	Location Cell	Composite	Discrete SPME Sample ID	Composite SPME Sample ID & Vial ID	Discrete Sediment Sample ID	Composite Sediment Sample ID
Sediment-Surface Water Interface SPME Composites (0-1 cm)								
Plot	Subplot	Grid Cell	Location Cell	Composite	Discrete SPME Sample ID	Composite SPME Sample ID & Vial ID		
Scour	ENR	1	11	A	LDW-Y2-SC-ENR-1-A-SSWI-SPME	LDW-Y2-SC-ENR-CA-SSWI	NA	NA
Scour	ENR	2	19	A	SPME not recovered/usable			
Scour	ENR	3	6	A	SPME not recovered/usable			
Scour	ENR	4	22	A	SPME not recovered/usable			
Scour	ENR	5	22	A	LDW-Y2-SC-ENR-5-A-SSWI-SPME			
Scour	ENR	6	3	A	LDW-Y2-SC-ENR-6-A-SSWI-SPME			
Scour	ENR	1	1	B	SPME not recovered/usable	LDW-Y2-SC-ENR-CB-SSWI	NA	NA
Scour	ENR	2	3	B	LDW-Y2-SC-ENR-2-B-SSWI-SPME			
Scour	ENR	3	19	B	SPME not recovered/usable			
Scour	ENR	4	11	B	LDW-Y2-SC-ENR-4-B-SSWI-SPME			
Scour	ENR	5	18	B	SPME not recovered/usable			
Scour	ENR	6	4	B	LDW-Y2-SC-ENR-6-B-SSWI-SPME			
Scour	ENR	1	8	C	LDW-Y2-SC-ENR-1-C-SSWI-SPME	LDW-Y2-SC-ENR-CC-SSWI	NA	NA
Scour	ENR	2	11	C	SPME not recovered/usable			
Scour	ENR	3	7	C	SPME not recovered/usable			
Scour	ENR	4	9	C	SPME not recovered/usable			
Scour	ENR	5	2	C	LDW-Y2-SC-ENR-5-C-SSWI-SPME			
Scour	ENR	6	16	C	SPME not recovered/usable			
Scour	ENR	1	5	D	LDW-Y2-SC-ENR-1-D-SSWI-SPME	LDW-Y2-SC-ENR-CD-SSWI	NA	NA
Scour	ENR	2	7	D	LDW-Y2-SC-ENR-2-D-SSWI-SPME			
Scour	ENR	3	8	D	LDW-Y2-SC-ENR-3-D-SSWI-SPME			
Scour	ENR	4	14	D	LDW-Y2-SC-ENR-4-D-SSWI-SPME			
Scour	ENR	5	13	D	LDW-Y2-SC-ENR-5-D-SSWI-SPME			
Scour	ENR	6	12	D	LDW-Y2-SC-ENR-6-D-SSWI-SPME			
Scour	ENR	1	18	E	LDW-Y2-SC-ENR-1-E-SSWI-SPME	LDW-Y2-SC-ENR-CE-SSWI	NA	NA
Scour	ENR	2	24	E	LDW-Y2-SC-ENR-2-E-SSWI-SPME			
Scour	ENR	3	18	E	LDW-Y2-SC-ENR-3-E-SSWI-SPME			
Scour	ENR	4	15	E	LDW-Y2-SC-ENR-4-E-SSWI-SPME			
Scour	ENR	5	7	E	LDW-Y2-SC-ENR-5-E-SSWI-SPME			
Scour	ENR	6	20	E	SPME not recovered/usable			
Scour	ENR+AC	1	7	A	LDW-Y2-SC-ENR+AC-1-A-SSWI-SPME	LDW-Y2-SC-ENR+AC-CAD-SSWI <sup>1</sup>	NA	NA
Scour	ENR+AC	2	1	A	SPME not recovered/usable			
Scour	ENR+AC	3	7	A	SPME not recovered/usable			
Scour	ENR+AC	4	21	A	SPME not recovered/usable			
Scour	ENR+AC	5	18	A	SPME not recovered/usable			
Scour	ENR+AC	6	15	A	LDW-Y2-SC-ENR+AC-6-A-SSWI-SPME			
Scour	ENR+AC	1	16	B	LDW-Y2-SC-ENR+AC-1-B-SSWI-SPME	LDW-Y2-SC-ENR+AC-CB-SSWI	NA	NA
Scour	ENR+AC	2	8	B	LDW-Y2-SC-ENR+AC-2-B-SSWI-SPME			
Scour	ENR+AC	3	8	B	SPME not recovered/usable			
Scour	ENR+AC	4	5	B	LDW-Y2-SC-ENR+AC-4-B-SSWI-SPME			
Scour	ENR+AC	5	3	B	SPME not recovered/usable			
Scour	ENR+AC	6	1	B	SPME not recovered/usable			
Scour	ENR+AC	1	20	C	LDW-Y2-SC-ENR+AC-1-C-SSWI-SPME	LDW-Y2-SC-ENR+AC-CC-SSWI	NA	NA
Scour	ENR+AC	2	3	C	LDW-Y2-SC-ENR+AC-2-C-SSWI-SPME			
Scour	ENR+AC	3	11	C	LDW-Y2-SC-ENR+AC-3-C-SSWI-SPME			
Scour	ENR+AC	4	20	C	SPME not recovered/usable			
Scour	ENR+AC	5	2	C	SPME not recovered/usable			
Scour	ENR+AC	6	4	C	SPME not recovered/usable			



**Table 2  
Composite Formation**

Sediment and SPME Composites (0-10 cm)								
Plot	Subplot	Grid Cell	Location Cell	Composite	Discrete SPME Sample ID	Composite SPME Sample ID & Vial ID	Discrete Sediment Sample ID	Composite Sediment Sample ID
Scour	ENR+AC	1	1	D	SPME not recovered/usable	LDW-Y2-SC-ENR+AC-CAD-SSWI <sup>1</sup>	NA	NA
Scour	ENR+AC	2	9	D	LDW-Y2-SC-ENR+AC-2-D-SSWI-SPME			
Scour	ENR+AC	3	12	D	SPME not recovered/usable			
Scour	ENR+AC	4	3	D	SPME not recovered/usable			
Scour	ENR+AC	5	23	D	LDW-Y2-SC-ENR+AC-5-D-SSWI-SPME			
Scour	ENR+AC	6	14	D	SPME not recovered/usable			
Scour	ENR+AC	1	8	E	SPME not recovered/usable	LDW-Y2-SC-ENR+AC-CE-SSWI	NA	NA
Scour	ENR+AC	2	23	E	SPME not recovered/usable			
Scour	ENR+AC	3	17	E	SPME not recovered/usable			
Scour	ENR+AC	4	16	E	SPME not recovered/usable			
Scour	ENR+AC	5	11	E	SPME not recovered/usable			
Scour	ENR+AC	6	8	E	LDW-Y2-SC-ENR+AC-6-E-SSWI-SPME			
Intertidal	ENR	1	21	A	LDW-Y2-IN-ENR-1-A-SSWI-SPME	LDW-Y2-IN-ENR-CA-SSWI	NA	NA
Intertidal	ENR	2	18	A	LDW-Y2-IN-ENR-2-A-SSWI-SPME			
Intertidal	ENR	3	3	A	LDW-Y2-IN-ENR-3-A-SSWI-SPME			
Intertidal	ENR	4	8	A	LDW-Y2-IN-ENR-4-A-SSWI-SPME			
Intertidal	ENR	5	24	A	LDW-Y2-IN-ENR-5-A-SSWI-SPME			
Intertidal	ENR	6	7	A	LDW-Y2-IN-ENR-6-A-SSWI-SPME			
Intertidal	ENR	1	18	B	LDW-Y2-IN-ENR-1-B-SSWI-SPME	LDW-Y2-IN-ENR-CB-SSWI	NA	NA
Intertidal	ENR	2	7	B	LDW-Y2-IN-ENR-2-B-SSWI-SPME			
Intertidal	ENR	3	16	B	LDW-Y2-IN-ENR-3-B-SSWI-SPME			
Intertidal	ENR	4	3	B	LDW-Y2-IN-ENR-4-B-SSWI-SPME			
Intertidal	ENR	5	22	B	LDW-Y2-IN-ENR-5-B-SSWI-SPME			
Intertidal	ENR	6	4	B	LDW-Y2-IN-ENR-6-B-SSWI-SPME			
Intertidal	ENR	1	13	C	SPME not recovered/usable	LDW-Y2-IN-ENR-CC-SSWI	NA	NA
Intertidal	ENR	2	2	C	SPME not recovered/usable			
Intertidal	ENR	3	18	C	LDW-Y2-IN-ENR-3-C-SSWI-SPME			
Intertidal	ENR	4	4	C	LDW-Y2-IN-ENR-4-C-SSWI-SPME			
Intertidal	ENR	5	8	C	LDW-Y2-IN-ENR-5-C-SSWI-SPME			
Intertidal	ENR	6	22	C	LDW-Y2-IN-ENR-6-C-SSWI-SPME			
Intertidal	ENR	1	12	D	LDW-Y2-IN-ENR-1-D-SSWI-SPME	LDW-Y2-IN-ENR-CD-SSWI	NA	NA
Intertidal	ENR	2	21	D	LDW-Y2-IN-ENR-2-D-SSWI-SPME			
Intertidal	ENR	3	17	D	LDW-Y2-IN-ENR-3-D-SSWI-SPME			
Intertidal	ENR	4	2	D	LDW-Y2-IN-ENR-4-D-SSWI-SPME			
Intertidal	ENR	5	18	D	LDW-Y2-IN-ENR-5-D-SSWI-SPME			
Intertidal	ENR	6	13	D	LDW-Y2-IN-ENR-6-D-SSWI-SPME			
Intertidal	ENR	1	23	E	LDW-Y2-IN-ENR-1-E-SSWI-SPME	LDW-Y2-IN-ENR-CE-SSWI	NA	NA
Intertidal	ENR	2	19	E	SPME not recovered/usable			
Intertidal	ENR	3	7	E	LDW-Y2-IN-ENR-3-E-SSWI-SPME			
Intertidal	ENR	4	7	E	LDW-Y2-IN-ENR-4-E-SSWI-SPME			
Intertidal	ENR	5	1	E	LDW-Y2-IN-ENR-5-E-SSWI-SPME			
Intertidal	ENR	6	24	E	LDW-Y2-IN-ENR-6-E-SSWI-SPME			
Intertidal	ENR+AC	1	6	A	LDW-Y2-IN-ENR+AC-1-A-SSWI-SPME	LDW-Y2-IN-ENR+AC-CA-SSWI	NA	NA
Intertidal	ENR+AC	2	20	A	LDW-Y2-IN-ENR+AC-2-A-SSWI-SPME			
Intertidal	ENR+AC	3	8	A	LDW-Y2-IN-ENR+AC-3-A-SSWI-SPME			
Intertidal	ENR+AC	4	16	A	LDW-Y2-IN-ENR+AC-4-A-SSWI-SPME			
Intertidal	ENR+AC	5	20	A	LDW-Y2-IN-ENR+AC-5-A-SSWI-SPME			
Intertidal	ENR+AC	6	24	A	LDW-Y2-IN-ENR+AC-6-A-SSWI-SPME			

**Table 2  
Composite Formation**

Sediment and SPME Composites (0-10 cm)								
Plot	Subplot	Grid Cell	Location Cell	Composite	Discrete SPME Sample ID	Composite SPME Sample ID & Vial ID	Discrete Sediment Sample ID	Composite Sediment Sample ID
Intertidal	ENR+AC	1	14	B	LDW-Y2-IN-ENR+AC-1-B-SSWI-SPME	LDW-Y2-IN-ENR+AC-CB-SSWI	NA	NA
Intertidal	ENR+AC	2	15	B	LDW-Y2-IN-ENR+AC-2-B-SSWI-SPME			
Intertidal	ENR+AC	3	13	B	LDW-Y2-IN-ENR+AC-3-B-SSWI-SPME			
Intertidal	ENR+AC	4	10	B	LDW-Y2-IN-ENR+AC-4-B-SSWI-SPME			
Intertidal	ENR+AC	5	23	B	LDW-Y2-IN-ENR+AC-5-B-SSWI-SPME			
Intertidal	ENR+AC	6	13	B	LDW-Y2-IN-ENR+AC-6-B-SSWI-SPME			
Intertidal	ENR+AC	1	3	C	LDW-Y2-IN-ENR+AC-1-C-SSWI-SPME	LDW-Y2-IN-ENR+AC-CC-SSWI	NA	NA
Intertidal	ENR+AC	2	24	C	LDW-Y2-IN-ENR+AC-2-C-SSWI-SPME			
Intertidal	ENR+AC	3	14	C	LDW-Y2-IN-ENR+AC-3-C-SSWI-SPME			
Intertidal	ENR+AC	4	12	C	LDW-Y2-IN-ENR+AC-4-C-SSWI-SPME			
Intertidal	ENR+AC	5	3	C	LDW-Y2-IN-ENR+AC-5-C-SSWI-SPME			
Intertidal	ENR+AC	6	1	C	LDW-Y2-IN-ENR+AC-6-C-SSWI-SPME			
Intertidal	ENR+AC	1	18	D	LDW-Y2-IN-ENR+AC-1-D-SSWI-SPME	LDW-Y2-IN-ENR+AC-CD-SSWI	NA	NA
Intertidal	ENR+AC	2	2	D	LDW-Y2-IN-ENR+AC-2-D-SSWI-SPME			
Intertidal	ENR+AC	3	2	D	LDW-Y2-IN-ENR+AC-3-D-SSWI-SPME			
Intertidal	ENR+AC	4	11	D	LDW-Y2-IN-ENR+AC-4-D-SSWI-SPME			
Intertidal	ENR+AC	5	21	D	LDW-Y2-IN-ENR+AC-5-D-SSWI-SPME			
Intertidal	ENR+AC	6	3	D	LDW-Y2-IN-ENR+AC-6-D-SSWI-SPME			
Intertidal	ENR+AC	1	15	E	LDW-Y2-IN-ENR+AC-1-E-SSWI-SPME	LDW-Y2-IN-ENR+AC-CE-SSWI	NA	NA
Intertidal	ENR+AC	2	11	E	LDW-Y2-IN-ENR+AC-2-E-SSWI-SPME			
Intertidal	ENR+AC	3	22	E	LDW-Y2-IN-ENR+AC-3-E-SSWI-SPME			
Intertidal	ENR+AC	4	21	E	LDW-Y2-IN-ENR+AC-4-E-SSWI-SPME			
Intertidal	ENR+AC	5	10	E	LDW-Y2-IN-ENR+AC-5-E-SSWI-SPME			
Intertidal	ENR+AC	6	23	E	LDW-Y2-IN-ENR+AC-6-E-SSWI-SPME			

**Notes:**

- The two usable SPME extracts from composite A were composited to form sample LDW-Y2-SC-ENR+AC-CA-SSWI for 0-1 cm and LDW-Y2-SC-ENR+AC-CAD-S010 for 0-10 cm; and the two usable extracts from composite D were composited to form samples LDW-Y2-SC-ENR+AC-CD-SSWI for 0-1 cm and LDW-Y2-SC-ENR+AC-CA-S010 for 0-10 cm. To increase the number of samples used in the composite, all four composites were combined at the laboratory to form composite samples LDW-Y2-SC-ENR+AC-CAD-SSWI and LDW-Y2-SC-ENR+AC-CAD-S010. The sediment samples were composited using bulk sediment from the same locations to create sample LDW-Y2-SC-ENR+AC-CAD-CORE.

**Abbreviations:**

cm = centimeter(s)	ID = Identification
ENR = Enhanced natural recovery	NA = Not applicable
ENR+AC = Enhanced natural recovery amended with activated carbon	SPME = Solid-phase microextraction

**Table 3  
Analytical Schedule**

Sample ID	Pre-Analytical Laboratory Submission Sieving (3/8" and #4 Sieve)	PCBs EPA 1668C	TOC EPA 9060	Activated Carbon Grossman and Ghosh (2009)	Grain Size ASTM D422
<b>Sediment Composites (0-10 cm)</b>					
LDW-Y2-SU-ENR-CA-CORE		X	X	X	X
LDW-Y2-SU-ENR-CB-CORE		X	X	X	X
LDW-Y2-SU-ENR-CC-CORE		X	X	X	X
LDW-Y2-SU-ENR-CD-CORE		Archived			
LDW-Y2-SU-ENR-CE-CORE		Archived			
LDW-Y2-SU-ENR+AC-CA-CORE		X	X	X	X
LDW-Y2-SU-ENR+AC-CB-CORE		X	X	X	X
LDW-Y2-SU-ENR+AC-CC-CORE		X	X	X	X
LDW-Y2-SU-ENR+AC-CD-CORE		Archived			
LDW-Y2-SU-ENR+AC-CE-CORE		Archived			
LDW-Y2-SC-ENR-CA-CORE		Archived			
LDW-Y2-SC-ENR-CB-CORE		Archived			
LDW-Y2-SC-ENR-CC-CORE		X	X	X	X
LDW-Y2-SC-ENR-CD-CORE		X	X	X	X
LDW-Y2-SC-ENR-CE-CORE		X	X	X	X
LDW-Y2-SC-ENR+AC-CA-CORE		Composited with LDW-Y2-SC-ENR+AC-CD-CORE			
LDW-Y2-SC-ENR+AC-CB-CORE		X	X	X	X
LDW-Y2-SC-ENR+AC-CC-CORE		X	X	X	X
LDW-Y2-SC-ENR+AC-CD-CORE		Composited with LDW-Y2-SC-ENR+AC-CA-CORE			
LDW-Y2-SC-ENR+AC-CE-CORE		Archived			
LDW-Y2-SC-ENR+AC-CAD-CORE		X	X	X	X
LDW-Y2-IN-ENR-CA-CORE		X	X	X	X
LDW-Y2-IN-ENR-CB-CORE		X	X	X	X
LDW-Y2-IN-ENR-CC-CORE		Archived			
LDW-Y2-IN-ENR-CD-CORE		Archived			
LDW-Y2-IN-ENR-CE-CORE		X	X	X	X
LDW-Y2-IN-ENR+AC-CA-CORE		X	X	X	X
LDW-Y2-IN-ENR+AC-CB-CORE		X	X	X	X
LDW-Y2-IN-ENR+AC-CC-CORE		X	X	X	X
LDW-Y2-IN-ENR+AC-CD-CORE		Archived			
LDW-Y2-IN-ENR+AC-CE-CORE		Archived			
<b>Recently Deposited Surface Sediment Composites</b>					
LDW-Y2-SC-ENR-SS		X	X	X	X
LDW-Y2-SC-ENR+AC-SS		X	X	X	X



**Table 3  
Analytical Schedule**

Sample ID	Pre-Analytical Laboratory Submission Sieving (3/8" and #4 Sieve)	PCBs EPA 1668C	TOC EPA 9060	Activated Carbon Grossman and Ghosh (2009)	Grain Size ASTM D422
<b>SPME Fiber Extracts (0-10 cm Sediment)</b>					
LDW-Y2-SU-ENR-CA-S010		X			
LDW-Y2-SU-ENR-CB-S010		X			
LDW-Y2-SU-ENR-CC-S010		X			
LDW-Y2-SU-ENR-CD-S010		Archived			
LDW-Y2-SU-ENR-CE-S010		Archived			
LDW-Y2-SU-ENR+AC-CA-S010		X			
LDW-Y2-SU-ENR+AC-CB-S010		X			
LDW-Y2-SU-ENR+AC-CC-S010		X			
LDW-Y2-SU-ENR+AC-CD-S010		Archived			
LDW-Y2-SU-ENR+AC-CE-S010		Archived			
LDW-Y2-SC-ENR-CA-S010		Archived			
LDW-Y2-SC-ENR-CB-S010		Archived			
LDW-Y2-SC-ENR-CC-S010		X			
LDW-Y2-SC-ENR-CD-S010		X			
LDW-Y2-SC-ENR-CE-S010		X			
LDW-Y2-SC-ENR+AC-CA-S010	Composited with LDW-Y2-SC-ENR+AC-CD-S010 to create sample LDW-Y2-SC-ENR+AC-CAD-S010				
LDW-Y2-SC-ENR+AC-CB-S010		X			
LDW-Y2-SC-ENR+AC-CC-S010		X			
LDW-Y2-SC-ENR+AC-CD-S010	Composited with LDW-Y2-SC-ENR+AC-CD-S010 to create sample LDW-Y2-SC-ENR+AC-CAD-S010				
LDW-Y2-SC-ENR+AC-CE-S010		Archived			
LDW-Y2-SC-ENR+AC-CAD-S010		X			
LDW-Y2-IN-ENR-CA-S010		X			
LDW-Y2-IN-ENR-CB-S010		X			
LDW-Y2-IN-ENR-CC-S010		Archived			
LDW-Y2-IN-ENR-CD-S010		Archived			
LDW-Y2-IN-ENR-CE-S010		X			
LDW-Y2-IN-ENR+AC-CA-S010		X			
LDW-Y2-IN-ENR+AC-CB-S010		X			
LDW-Y2-IN-ENR+AC-CC-S010		X			
LDW-Y2-IN-ENR+AC-CD-S010		Archived			
LDW-Y2-IN-ENR+AC-CE-S010		Archived			

**Table 3  
Analytical Schedule**

Sample ID	Pre-Analytical Laboratory Submission Sieving (3/8" and #4 Sieve)	PCBs EPA 1668C	TOC EPA 9060	Activated Carbon Grossman and Ghosh (2009)	Grain Size ASTM D422
<b>SPME Fiber Extracts (0-1 cm Sediment-Surface Water Interface)</b>					
LDW-Y2-IN-ENR-CA-SSWI		X			
LDW-Y2-IN-ENR-CB-SSWI		X			
LDW-Y2-IN-ENR-CC-SSWI		Archived			
LDW-Y2-IN-ENR-CD-SSWI		Archived			
LDW-Y2-IN-ENR-CE-SSWI		X			
LDW-Y2-IN-ENR+AC-CA-SSWI		X			
LDW-Y2-IN-ENR+AC-CB-SSWI		X			
LDW-Y2-IN-ENR+AC-CC-SSWI		X			
LDW-Y2-IN-ENR+AC-CD-SSWI		Archived			
LDW-Y2-IN-ENR+AC-CE-SSWI		Archived			
LDW-Y2-SC-ENR-CA-SSWI		Archived			
LDW-Y2-SC-ENR-CB-SSWI		Archived			
LDW-Y2-SC-ENR-CC-SSWI		X			
LDW-Y2-SC-ENR-CD-SSWI		X			
LDW-Y2-SC-ENR-CE-SSWI		X			
LDW-Y2-SC-ENR+AC-CA-SSWI	Composited LDW-Y2-SC-ENR+AC-CD-SSWI with to make LDW-Y2-SC-ENR+AC-CAD-SSWI				
LDW-Y2-SC-ENR+AC-CB-SSWI		X			
LDW-Y2-SC-ENR+AC-CC-SSWI		X			
LDW-Y2-SC-ENR+AC-CD-SSWI	Composited LDW-Y2-SC-ENR+AC-CA-SSWI with to make LDW-Y2-SC-ENR+AC-CAD-SSWI				
LDW-Y2-SC-ENR+AC-CE-SSWI		Archived			
LDW-Y2-SC-ENR+AC-CAD-SSWI		X			

**Table 3  
Analytical Schedule**

Sample ID	Pre-Analytical Laboratory Submission Sieving (3/8" and #4 Sieve)	PCBs EPA 1668C	TOC EPA 9060	Activated Carbon Grossman and Ghosh (2009)	Grain Size ASTM D422
<b>Sediment Discrete Samples (0-10 cm)</b>					
LDW-Y2-SU-ENR-1-A-CORE					
LDW-Y2-SU-ENR-2-A-CORE					
LDW-Y2-SU-ENR-3-A-CORE					
LDW-Y2-SU-ENR-4-A-CORE					
LDW-Y2-SU-ENR-5-A-CORE					
LDW-Y2-SU-ENR-6-A-CORE					
LDW-Y2-SU-ENR-1-B-CORE					
LDW-Y2-SU-ENR-2-B-CORE					
LDW-Y2-SU-ENR-3-B-CORE					
LDW-Y2-SU-ENR-4-B-CORE					
LDW-Y2-SU-ENR-5-B-CORE					
LDW-Y2-SU-ENR-6-B-CORE					
LDW-Y2-SU-ENR-1-C-CORE					
LDW-Y2-SU-ENR-2-C-CORE					
LDW-Y2-SU-ENR-3-C-CORE					
LDW-Y2-SU-ENR-4-C-CORE					
LDW-Y2-SU-ENR-5-C-CORE					
LDW-Y2-SU-ENR-6-C-CORE					
LDW-Y2-SU-ENR-1-D-CORE					
LDW-Y2-SU-ENR-2-D-CORE					
LDW-Y2-SU-ENR-3-D-CORE					
LDW-Y2-SU-ENR-4-D-CORE					
LDW-Y2-SU-ENR-5-D-CORE					
LDW-Y2-SU-ENR-6-D-CORE					
LDW-Y2-SU-ENR-1-E-CORE					
LDW-Y2-SU-ENR-2-E-CORE					
LDW-Y2-SU-ENR-3-E-CORE					
LDW-Y2-SU-ENR-4-E-CORE					
LDW-Y2-SU-ENR-5-E-CORE					
LDW-Y2-SU-ENR-6-E-CORE					

Not analyzed, only used to make composite samples

**Table 3  
Analytical Schedule**

Sample ID	Pre-Analytical Laboratory Submission Sieving (3/8" and #4 Sieve)	PCBs EPA 1668C	TOC EPA 9060	Activated Carbon Grossman and Ghosh (2009)	Grain Size ASTM D422
LDW-Y2-SU-ENR+AC-1-A-CORE					
LDW-Y2-SU-ENR+AC-2-A-CORE					
LDW-Y2-SU-ENR+AC-3-A-CORE					
LDW-Y2-SU-ENR+AC-4-A-CORE					
LDW-Y2-SU-ENR+AC-5-A-CORE					
LDW-Y2-SU-ENR+AC-6-A-CORE					
LDW-Y2-SU-ENR+AC-1-B-CORE					
LDW-Y2-SU-ENR+AC-2-B-CORE					
LDW-Y2-SU-ENR+AC-3-B-CORE					
LDW-Y2-SU-ENR+AC-4-B-CORE					
LDW-Y2-SU-ENR+AC-5-B-CORE					
LDW-Y2-SU-ENR+AC-6-B-CORE					
LDW-Y2-SU-ENR+AC-1-C-CORE					
LDW-Y2-SU-ENR+AC-2-C-CORE					
LDW-Y2-SU-ENR+AC-3-C-CORE					
LDW-Y2-SU-ENR+AC-4-C-CORE					
LDW-Y2-SU-ENR+AC-5-C-CORE					
LDW-Y2-SU-ENR+AC-6-C-CORE					
LDW-Y2-SU-ENR+AC-1-D-CORE					
LDW-Y2-SU-ENR+AC-2-D-CORE					
LDW-Y2-SU-ENR+AC-3-D-CORE					
LDW-Y2-SU-ENR+AC-4-D-CORE					
LDW-Y2-SU-ENR+AC-5-D-CORE					
LDW-Y2-SU-ENR+AC-6-D-CORE					
LDW-Y2-SU-ENR+AC-1-E-CORE					
LDW-Y2-SU-ENR+AC-2-E-CORE					
LDW-Y2-SU-ENR+AC-3-E-CORE					
LDW-Y2-SU-ENR+AC-4-E-CORE					
LDW-Y2-SU-ENR+AC-5-E-CORE					
LDW-Y2-SU-ENR+AC-6-E-CORE					

Not analyzed, only used to make composite samples

**Table 3  
Analytical Schedule**

<b>Sample ID</b>	<b>Pre-Analytical Laboratory Submission Sieving (3/8" and #4 Sieve)</b>	<b>PCBs EPA 1668C</b>	<b>TOC EPA 9060</b>	<b>Activated Carbon Grossman and Ghosh (2009)</b>	<b>Grain Size ASTM D422</b>
LDW-Y2-SC-ENR-1-A-CORE	X				
LDW-Y2-SC-ENR-2-A-CORE	X				
LDW-Y2-SC-ENR-3-A-CORE	Not sieved or included in composite because SPME was not recovered or usable				
LDW-Y2-SC-ENR-4-A-CORE	X <sup>1</sup>				
LDW-Y2-SC-ENR-5-A-CORE	X				
LDW-Y2-SC-ENR-6-A-CORE	X				
LDW-Y2-SC-ENR-1-B-CORE	X				
LDW-Y2-SC-ENR-2-B-CORE	X				
LDW-Y2-SC-ENR-3-B-CORE	X <sup>1</sup>				
LDW-Y2-SC-ENR-4-B-CORE	X				
LDW-Y2-SC-ENR-5-B-CORE	Not sieved or included in composite because SPME was not recovered or usable				
LDW-Y2-SC-ENR-6-B-CORE	X				
LDW-Y2-SC-ENR-1-C-CORE	X				
LDW-Y2-SC-ENR-2-C-CORE	X				
LDW-Y2-SC-ENR-3-C-CORE	X				
LDW-Y2-SC-ENR-4-C-CORE	Not sieved or included in composite because SPME was not recovered or usable				
LDW-Y2-SC-ENR-5-C-CORE	X				
LDW-Y2-SC-ENR-6-C-CORE	X				
LDW-Y2-SC-ENR-1-D-CORE	X				
LDW-Y2-SC-ENR-2-D-CORE	X				
LDW-Y2-SC-ENR-3-D-CORE	X				
LDW-Y2-SC-ENR-4-D-CORE	X				
LDW-Y2-SC-ENR-5-D-CORE	X				
LDW-Y2-SC-ENR-6-D-CORE	X				
LDW-Y2-SC-ENR-1-E-CORE	X				
LDW-Y2-SC-ENR-2-E-CORE	X				
LDW-Y2-SC-ENR-3-E-CORE	X				
LDW-Y2-SC-ENR-4-E-CORE	X				
LDW-Y2-SC-ENR-5-E-CORE	X				
LDW-Y2-SC-ENR-6-E-CORE	X				

**Table 3  
Analytical Schedule**

Sample ID	Pre-Analytical Laboratory Submission Sieving (3/8" and #4 Sieve)	PCBs EPA 1668C	TOC EPA 9060	Activated Carbon Grossman and Ghosh (2009)	Grain Size ASTM D422
LDW-Y2-SC-ENR+AC-1-A-CORE	X				
LDW-Y2-SC-ENR+AC-2-A-CORE	Not sieved or included in composite because SPME was not recovered or usable				
LDW-Y2-SC-ENR+AC-3-A-CORE	Not sieved or included in composite because SPME was not recovered or usable				
LDW-Y2-SC-ENR+AC-4-A-CORE	Not sieved or included in composite because SPME was not recovered or usable				
LDW-Y2-SC-ENR+AC-5-A-CORE	Not sieved or included in composite because SPME was not recovered or usable				
LDW-Y2-SC-ENR+AC-6-A-CORE	X				
LDW-Y2-SC-ENR+AC-1-B-CORE	X				
LDW-Y2-SC-ENR+AC-2-B-CORE	X				
LDW-Y2-SC-ENR+AC-3-B-CORE	X				
LDW-Y2-SC-ENR+AC-4-B-CORE	X				
LDW-Y2-SC-ENR+AC-5-B-CORE	Not sieved or included in composite because SPME was not recovered or usable				
LDW-Y2-SC-ENR+AC-6-B-CORE	Not sieved or included in composite because SPME was not recovered or usable				
LDW-Y2-SC-ENR+AC-1-C-CORE	X				
LDW-Y2-SC-ENR+AC-2-C-CORE	X				
LDW-Y2-SC-ENR+AC-3-C-CORE	X				
LDW-Y2-SC-ENR+AC-4-C-CORE	X				
LDW-Y2-SC-ENR+AC-5-C-CORE	Not sieved or included in composite because SPME was not recovered or usable				
LDW-Y2-SC-ENR+AC-6-C-CORE	Not sieved or included in composite because SPME was not recovered or usable				
LDW-Y2-SC-ENR+AC-1-D-CORE	Not sieved or included in composite because SPME was not recovered or usable				
LDW-Y2-SC-ENR+AC-2-D-CORE	X				
LDW-Y2-SC-ENR+AC-3-D-CORE	Not sieved or included in composite because SPME was not recovered or usable				
LDW-Y2-SC-ENR+AC-4-D-CORE	Not sieved or included in composite because SPME was not recovered or usable				
LDW-Y2-SC-ENR+AC-5-D-CORE	X				
LDW-Y2-SC-ENR+AC-6-D-CORE	Not sieved or included in composite because SPME was not recovered or usable				
LDW-Y2-SC-ENR+AC-1-E-CORE	X <sup>1</sup>				
LDW-Y2-SC-ENR+AC-2-E-CORE	X <sup>1</sup>				
LDW-Y2-SC-ENR+AC-3-E-CORE	X				
LDW-Y2-SC-ENR+AC-4-E-CORE	X <sup>1</sup>				
LDW-Y2-SC-ENR+AC-5-E-CORE	Not sieved or included in composite because SPME was not recovered or usable				
LDW-Y2-SC-ENR+AC-6-E-CORE	X <sup>1</sup>				

**Table 3  
Analytical Schedule**

<b>Sample ID</b>	<b>Pre-Analytical Laboratory Submission Sieving (3/8" and #4 Sieve)</b>	<b>PCBs EPA 1668C</b>	<b>TOC EPA 9060</b>	<b>Activated Carbon Grossman and Ghosh (2009)</b>	<b>Grain Size ASTM D422</b>
LDW-Y2-IN-ENR-1-A-CORE	X				
LDW-Y2-IN-ENR-2-A-CORE	X				
LDW-Y2-IN-ENR-3-A-CORE	X				
LDW-Y2-IN-ENR-4-A-CORE	X				
LDW-Y2-IN-ENR-5-A-CORE	X				
LDW-Y2-IN-ENR-6-A-CORE	X				
LDW-Y2-IN-ENR-1-B-CORE	X				
LDW-Y2-IN-ENR-2-B-CORE	X				
LDW-Y2-IN-ENR-3-B-CORE	X				
LDW-Y2-IN-ENR-4-B-CORE	X				
LDW-Y2-IN-ENR-5-B-CORE	X				
LDW-Y2-IN-ENR-6-B-CORE	X				
LDW-Y2-IN-ENR-1-C-CORE	Not sieved or included in composite because SPME was not recovered or usable				
LDW-Y2-IN-ENR-2-C-CORE	Not sieved or included in composite because SPME was not recovered or usable				
LDW-Y2-IN-ENR-3-C-CORE	X				
LDW-Y2-IN-ENR-4-C-CORE	X				
LDW-Y2-IN-ENR-5-C-CORE	X				
LDW-Y2-IN-ENR-6-C-CORE	X				
LDW-Y2-IN-ENR-1-D-CORE	X				
LDW-Y2-IN-ENR-2-D-CORE	Not sieved or included in composite because SPME was not recovered or usable				
LDW-Y2-IN-ENR-3-D-CORE	X				
LDW-Y2-IN-ENR-4-D-CORE	X				
LDW-Y2-IN-ENR-5-D-CORE	X				
LDW-Y2-IN-ENR-6-D-CORE	X				
LDW-Y2-IN-ENR-1-E-CORE	X				
LDW-Y2-IN-ENR-2-E-CORE	Not sieved or included in composite because SPME was not recovered or usable				
LDW-Y2-IN-ENR-3-E-CORE	X				
LDW-Y2-IN-ENR-4-E-CORE	X				
LDW-Y2-IN-ENR-5-E-CORE	X				
LDW-Y2-IN-ENR-6-E-CORE	X				

**Table 3  
Analytical Schedule**

Sample ID	Pre-Analytical Laboratory Submission Sieving (3/8" and #4 Sieve)	PCBs EPA 1668C	TOC EPA 9060	Activated Carbon Grossman and Ghosh (2009)	Grain Size ASTM D422
LDW-Y2-IN-ENR+AC-1-A-CORE	X				
LDW-Y2-IN-ENR+AC-2-A-CORE	X				
LDW-Y2-IN-ENR+AC-3-A-CORE	X				
LDW-Y2-IN-ENR+AC-4-A-CORE	X				
LDW-Y2-IN-ENR+AC-5-A-CORE	X				
LDW-Y2-IN-ENR+AC-6-A-CORE	X				
LDW-Y2-IN-ENR+AC-1-B-CORE	X				
LDW-Y2-IN-ENR+AC-2-B-CORE	X				
LDW-Y2-IN-ENR+AC-3-B-CORE	X				
LDW-Y2-IN-ENR+AC-4-B-CORE	X				
LDW-Y2-IN-ENR+AC-5-B-CORE	X				
LDW-Y2-IN-ENR+AC-6-B-CORE	X				
LDW-Y2-IN-ENR+AC-1-C-CORE	X				
LDW-Y2-IN-ENR+AC-2-C-CORE	X				
LDW-Y2-IN-ENR+AC-3-C-CORE	X				
LDW-Y2-IN-ENR+AC-4-C-CORE	X				
LDW-Y2-IN-ENR+AC-5-C-CORE	X				
LDW-Y2-IN-ENR+AC-6-C-CORE	X				
LDW-Y2-IN-ENR+AC-1-D-CORE	X				
LDW-Y2-IN-ENR+AC-2-D-CORE	X				
LDW-Y2-IN-ENR+AC-3-D-CORE	X				
LDW-Y2-IN-ENR+AC-4-D-CORE	X				
LDW-Y2-IN-ENR+AC-5-D-CORE	X				
LDW-Y2-IN-ENR+AC-6-D-CORE	X				
LDW-Y2-IN-ENR+AC-1-E-CORE	X				
LDW-Y2-IN-ENR+AC-2-E-CORE	X				
LDW-Y2-IN-ENR+AC-3-E-CORE	X				
LDW-Y2-IN-ENR+AC-4-E-CORE	X				
LDW-Y2-IN-ENR+AC-5-E-CORE	X				
LDW-Y2-IN-ENR+AC-6-E-CORE	X				

**Notes:**

1. Sieved, but not included in composite because SPME was not recovered or not usable.

**Abbreviations:**

ASTM = American Society for Testing and Materials

cm = centimeter(s)

ENR = Enhanced natural recovery

ENR+AC = Enhanced natural recovery amended with activated carbon

EPA = U.S. Environmental Protection Agency

ID = Identification

PCB = Polychlorinated biphenyl

SPME = Solid-phase microextraction

TOC = Total organic carbon

**Reference:**

Grossman, A., and Ghosh, U. 2009. Measurement of activated carbon and other black carbons in sediments. Chemosphere. 75:469-475.



**Table 4  
Data Qualifier Definitions**

<b>Qualifier</b>	<b>Definition</b>	<b>Description</b>
C	Co-eluting congener	Concentration represents total concentration of all congeners that coelute with qualified congener.
CXXX	Co-elutes with the indicated congener	Analyte coelutes with another congener, see numbered congener for concentration.
J	Estimated	Analyte was detected at a level below the instrument quantitation limit. Concentration is considered estimated.
U	Non-detect	Analyte was not detected, concentration is the estimated detection limit.
L	Percent to steady state less than 20%	Percent to steady state less than 20%. Concentration is considered estimated.
R	Rejected	The sample result is rejected. The presence or absence of the analyte cannot be verified and data are not usable.
UB	Background concentration exceeds detected concentration	The background concentration of PCBs (not PRCs) that were detected in trip blanks exceeded the detected concentration and no PCB free concentration was reported. These results should be considered not detected at the lowest available detection limit, the MDL.

Abbreviations:

MDL = Method detection limit

PCB = Polychlorinated biphenyl

PRC = Performance recovery compound

**Table 5  
Pre-Analytical Laboratory Submission Sieving to Remove Gravel Fraction**

Plot	Subplot	Sample Type	Composite	Discrete Sample ID	Analyte	Total Mass	Mass on 3/8" Sieve	Mass on #4 Sieve	Mass Passing #4	Avg Total Mass	Avg Mass on 3/8" Sieve	Avg Mass on #4 Sieve	Avg Mass Passing #4	Gravel (> #4 Sieve)	< #4 Sieve
					Sample Date	g	g	g	g	g	g	g	%	%	
Intertidal	ENR	Discrete	A	LDW-Y2-IN-ENR-1-A-CORE	6/18/2019	5,157	1,601	469	3,078	5,073	1,699	394	2,973	41.4	58.6
				LDW-Y2-IN-ENR-2-A-CORE	6/18/2019	5,347	1,837	526.1	2,981						
				LDW-Y2-IN-ENR-3-A-CORE	6/18/2019	5,038	1,461	350.7	3,217						
				LDW-Y2-IN-ENR-4-A-CORE	6/19/2019	4,482	2,059	316.7	2,099						
				LDW-Y2-IN-ENR-5-A-CORE	6/18/2019	4,943	319	242.6	4,372						
				LDW-Y2-IN-ENR-6-A-CORE	6/18/2019	5,468	2916	457.3	2,091						
			B	LDW-Y2-IN-ENR-1-B-CORE	6/18/2019	5,474	2,593	535.9	2,338	5,198	1,816	452	2,924	43.8	56.2
				LDW-Y2-IN-ENR-2-B-CORE	6/18/2019	5,223	2595.7	495.3	2,127						
				LDW-Y2-IN-ENR-3-B-CORE	6/18/2019	5,121	1,555	390.5	3,170						
				LDW-Y2-IN-ENR-4-B-CORE	6/19/2019	5,197	768	445.1	3,981						
				LDW-Y2-IN-ENR-5-B-CORE	6/19/2019	5,253	2,279	456.7	2,509						
				LDW-Y2-IN-ENR-6-B-CORE	6/18/2019	4,922	1,108	387	3,417						
			C	LDW-Y2-IN-ENR-3-C-CORE	6/18/2019	4,656	2338.3	435.6	1,878	4,964	2,294	547	2,115	57.4	42.6
				LDW-Y2-IN-ENR-4-C-CORE	6/19/2019	5,173	2,634	446	2,069						
				LDW-Y2-IN-ENR-5-C-CORE	6/19/2019	5,459	2,152	909.1	2,395						
				LDW-Y2-IN-ENR-6-C-CORE	6/18/2019	4,569	2052.2	395.4	2,117						
			D	LDW-Y2-IN-ENR-1-D-CORE	6/18/2019	5,561	1,856	508.6	3,193	5,294	1,885	457	2,948	44.3	55.7
				LDW-Y2-IN-ENR-3-D-CORE	6/18/2019	5,449	2,472	451.4	2,519						
				LDW-Y2-IN-ENR-4-D-CORE	6/19/2019	5,545	2,095	501.5	2,947						
				LDW-Y2-IN-ENR-5-D-CORE	6/18/2019	5,103	1,329	381.4	3,389						
			E	LDW-Y2-IN-ENR-1-E-CORE	6/18/2019	4,992	1,109	294.3	3,583	5,248	1,753	424	3,063	41.6	58.4
				LDW-Y2-IN-ENR-3-E-CORE	6/18/2019	5,206	1,750	493.5	2,957						
				LDW-Y2-IN-ENR-4-E-CORE	6/19/2019	5,638	2,370	499.7	2,765						
				LDW-Y2-IN-ENR-5-E-CORE	6/18/2019	5,733	2,303	438.8	2,989						
	ENR+AC	Discrete	A	LDW-Y2-IN-ENR+AC-1-A-CORE	6/17/2019	5,122	2271.1	480.4	2,366	5,168	1,961	398	2,803	45.8	54.2
				LDW-Y2-IN-ENR+AC-2-A-CORE	6/17/2019	5,284	1,744	407.9	3,128						
				LDW-Y2-IN-ENR+AC-3-A-CORE	6/17/2019	5,638	1,899	396.9	3,327						
				LDW-Y2-IN-ENR+AC-4-A-CORE	6/17/2019	4,877	2,253	390.1	2,230						
				LDW-Y2-IN-ENR+AC-5-A-CORE	6/18/2019	5,248	1,698	367.2	3,181						
				LDW-Y2-IN-ENR+AC-6-A-CORE	6/18/2019	4,837	1,903	346.3	2,586						
B			LDW-Y2-IN-ENR+AC-1-B-CORE	6/17/2019	4,954	1,051	415.9	3,475	4,366	1,213	298	2,847	34.8	65.2	
			LDW-Y2-IN-ENR+AC-2-B-CORE	6/17/2019	2,326	75	23.7	2,225							
			LDW-Y2-IN-ENR+AC-3-B-CORE	6/17/2019	4,853	1,594	286.2	2,965							
			LDW-Y2-IN-ENR+AC-4-B-CORE	6/17/2019	4,942	1,852	442.2	2,641							
			LDW-Y2-IN-ENR+AC-5-B-CORE	6/18/2019	4,121	1,265	244.7	2,606							
			LDW-Y2-IN-ENR+AC-6-B-CORE	6/18/2019	5,000	1,443	376.4	3,168							
C			LDW-Y2-IN-ENR+AC-1-C-CORE	6/17/2019	5,275	2,190	375	2,708	4,860	1,616	383	2,855	41.3	58.7	
			LDW-Y2-IN-ENR+AC-2-C-CORE	6/17/2019	4,367	1,005	349.5	3,011							
			LDW-Y2-IN-ENR+AC-3-C-CORE	6/17/2019	5,309	1,703	475.5	3,128							
			LDW-Y2-IN-ENR+AC-4-C-CORE	6/17/2019	4,504	1726.2	304.5	2,462							
			LDW-Y2-IN-ENR+AC-5-C-CORE	6/17/2019	4,520	1,113	231.9	3,165							
			LDW-Y2-IN-ENR+AC-6-C-CORE	6/17/2019	5,186	1,962	563.8	2,655							
D			LDW-Y2-IN-ENR+AC-1-D-CORE	6/17/2019	5,430	2,381	535.7	2,508	4,561	1,479	329	2,745	39.8	60.2	
			LDW-Y2-IN-ENR+AC-2-D-CORE	6/17/2019	5,557	2,289	451.3	2,803							
			LDW-Y2-IN-ENR+AC-3-D-CORE	6/17/2019	2,655	82	39.9	2,532							
			LDW-Y2-IN-ENR+AC-4-D-CORE	6/17/2019	3,522	664	192.8	2,641							
			LDW-Y2-IN-ENR+AC-5-D-CORE	6/18/2019	5,035	2,134	368.2	2,529							
			LDW-Y2-IN-ENR+AC-6-D-CORE	6/18/2019	5,168	1,323	388.1	3,455							
E	LDW-Y2-IN-ENR+AC-1-E-CORE	6/17/2019	5,580	1,743	403.9	3,432	4,941	1,398	408	3,128	36.7	63.3			
	LDW-Y2-IN-ENR+AC-2-E-CORE	6/17/2019	4,987	827	446.1	3,706									
	LDW-Y2-IN-ENR+AC-3-E-CORE	6/17/2019	4,918	1,173	405.7	3,331									
	LDW-Y2-IN-ENR+AC-4-E-CORE	6/17/2019	4,638	1,610	661.5	2,360									
	LDW-Y2-IN-ENR+AC-5-E-CORE	6/17/2019	4,243	788	228.2	3,217									
	LDW-Y2-IN-ENR+AC-6-E-CORE	6/18/2019	5,277	2245.5	301.4	2,724									

**Table 5  
Pre-Analytical Laboratory Submission Sieving to Remove Gravel Fraction**

Plot	Subplot	Sample Type	Composite	Discrete Sample ID	Analyte	Total Mass	Mass on 3/8" Sieve	Mass on #4 Sieve	Mass Passing #4	Avg Total Mass	Avg Mass on 3/8" Sieve	Avg Mass on #4 Sieve	Avg Mass Passing #4	Gravel (> #4 Sieve)	< #4 Sieve
					Sample Date	g	g	g	g	g	g	g	%	%	
Scour	ENR	Discrete	A	LDW-Y2-SC-ENR-1-A-CORE	6/21/2019	3,075	435	209.2	2,423	3,334	818	192	2,318	30.5	69.5
				LDW-Y2-SC-ENR-2-A-CORE	6/21/2019	3,376	798	196.6	2,371						
				LDW-Y2-SC-ENR-4-A-CORE	6/20/2019	3,389	980	257.3	2,149						
				LDW-Y2-SC-ENR-5-A-CORE	6/20/2019	3,577	904	185.8	2,484						
				LDW-Y2-SC-ENR-6-A-CORE	6/20/2019	3,253	974	111.5	2,166						
			B	LDW-Y2-SC-ENR-1-B-CORE	6/21/2019	4,338	1,416	335.6	2,481	4,188	1,518	273	2,372	43.4	56.6
				LDW-Y2-SC-ENR-2-B-CORE	6/21/2019	3,769	1,635	241.2	1,886						
				LDW-Y2-SC-ENR-3-B-CORE	6/22/2019	3,787	1,663	210.7	1,903						
				LDW-Y2-SC-ENR-4-B-CORE	6/20/2019	5,044	1,958	401.8	2,682						
				LDW-Y2-SC-ENR-6-B-CORE	6/20/2019	4,004	917	173.5	2,908						
			C	LDW-Y2-SC-ENR-1-C-CORE	6/21/2019	4,512	1,528	366.4	2,618	3,897	1,368	272	2,250	42.3	57.7
				LDW-Y2-SC-ENR-2-C-CORE	6/21/2019	4,294	1,563	359.5	2,359						
				LDW-Y2-SC-ENR-3-C-CORE	6/21/2019	4,099	1,926	231.7	1,937						
				LDW-Y2-SC-ENR-5-C-CORE	6/22/2019	2,965	742	126.1	2,084						
				LDW-Y2-SC-ENR-6-C-CORE	6/20/2019	3,612	1,082	274.8	2,253						
			D	LDW-Y2-SC-ENR-1-D-CORE	6/21/2019	5,247	1,711.3	462.4	3,072	4,086	1,223	285	2,574	37.0	63.0
				LDW-Y2-SC-ENR-2-D-CORE	6/21/2019	3,632	1,057	282.8	2,282						
				LDW-Y2-SC-ENR-3-D-CORE	6/21/2019	3,211	418	159.2	2,634						
				LDW-Y2-SC-ENR-4-D-CORE	6/20/2019	3,965	1,507	276.9	2,179						
				LDW-Y2-SC-ENR-5-D-CORE	6/22/2019	4,347	1,141	238.4	2,960						
				LDW-Y2-SC-ENR-6-D-CORE	6/20/2019	4,116	1,507	290.9	2,316						
			E	LDW-Y2-SC-ENR-1-E-CORE	6/21/2019	2,427	561	116.1	1,750	3,504	903	212	2,385	31.9	68.1
				LDW-Y2-SC-ENR-2-E-CORE	6/21/2019	4,600	1,698	404.1	2,489						
				LDW-Y2-SC-ENR-3-E-CORE	6/20/2019	3,756	434	143.6	3,174						
	LDW-Y2-SC-ENR-4-E-CORE	6/20/2019		2,777	482	218.4	2,073								
	LDW-Y2-SC-ENR-5-E-CORE	6/22/2019		3,730	461	131.4	3,131								
	LDW-Y2-SC-ENR-6-E-CORE	6/20/2019		3,735	1,783	257.4	1693.3								
	ENR+AC	Discrete	A	LDW-Y2-SC-ENR+AC-1-A-CORE	6/24/2019	3,783	2,062	294	1,427	4,205	1,646	312	2,240	46.7	53.3
				LDW-Y2-SC-ENR+AC-6-A-CORE	6/22/2019	4,626	1,231	329.1	3,054						
			B	LDW-Y2-SC-ENR+AC-1-B-CORE	6/25/2019	4,988	2,061	452.6	2,465	4,750	1,918	378	2,446	48.5	51.5
LDW-Y2-SC-ENR+AC-2-B-CORE				6/24/2019	4,426	1,945	314	2,159							
LDW-Y2-SC-ENR+AC-3-B-CORE				6/24/2019	5,236	2,263	545.5	2,424							
LDW-Y2-SC-ENR+AC-4-B-CORE				6/24/2019	4,350	1,402	200.5	2,736							
C			LDW-Y2-SC-ENR+AC-1-C-CORE	6/25/2019	4,026	2,142	294.3	1,568	4,658	2,088	369	2,187	53.1	46.9	
			LDW-Y2-SC-ENR+AC-2-C-CORE	6/24/2019	4,640	1,867	393.8	2,371							
			LDW-Y2-SC-ENR+AC-3-C-CORE	6/24/2019	5,180	2,141	433.4	2595.6							
			LDW-Y2-SC-ENR+AC-4-C-CORE	6/22/2019	4,785	2,204	355.3	2,212							
D			LDW-Y2-SC-ENR+AC-2-D-CORE	6/24/2019	3,218	846	139.2	2,224	3,615	1,382	228	2,028	43.9	56.1	
			LDW-Y2-SC-ENR+AC-5-D-CORE	6/24/2019	4,011	1,918	317.1	1,832							
E			LDW-Y2-SC-ENR+AC-1-E-CORE	6/25/2019	5,110	2,380	446.3	2,278	4,900	1,730	366	2,804	42.8	57.2	
			LDW-Y2-SC-ENR+AC-2-E-CORE	6/24/2019	4,921	1,356	283.8	3,272							
			LDW-Y2-SC-ENR+AC-3-E-CORE	6/24/2019	4,847	1,660	499.6	2,680							
			LDW-Y2-SC-ENR+AC-4-E-CORE	6/22/2019	5,345	2,336	411.4	2,586							
	LDW-Y2-SC-ENR+AC-6-E-CORE	6/22/2019	4,274	922	188	3,203									

**Notes:**

1. Samples collected from the intertidal and scour plots were sieved with a #4 sieve prior to analysis to remove the gravel fraction as the ENR substrate for those plots is gravelly sand. Samples from the subtidal plots were not sieved with a #4 sieve prior to analysis as the ENR substrate for that plot was sand only. AC/BC, TOC, and grain size results were corrected to account for the mass of material removed by the #4 sieve (the gravel fraction).

**Abbreviations:**

AC = Activated carbon  
 BC = black carbon  
 ENR = Enhanced natural recovery

ENR +AC = Enhanced natural recovery amended with activated carbon  
 g = gram(s)

ID = Identification  
 TOC = Total organic carbon

**Table 6  
Activated Carbon/Black Carbon, Total Organic Carbon, and Grain Size Results for Bulk Sediment**

Plot	Subplot	Sample Type	Sample ID	Analyte Sample Date	Pre-Analytical Laboratory Submission Sieving to Remove Gravel Fraction		Activated Carbon / Black Carbon (AC/BC)		Total Organic Carbon (TOC)	
					Total Mass	Mass Passing #4	AC/BC without Gravel Fraction	Corrected AC/BC with Gravel Fraction <sup>1</sup>	TOC without Gravel Fraction (Average)	Corrected TOC with Gravel Fraction (Average) <sup>1</sup>
					g	g	%	%	%	%
Intertidal	ENR	Composite of "A" Locations	LDW-Y2-IN-ENR-CA-CORE	6/26/2019	5,073	2,973	0.076 U	<b>0.045 U</b>	0.34	<b>0.20</b>
Intertidal	ENR	Composite of "B" Locations	LDW-Y2-IN-ENR-CB-CORE	6/26/2019	5,198	2,924	0.076 U	<b>0.043 U</b>	0.39	<b>0.22</b>
Intertidal	ENR	Composite of "E" Locations	LDW-Y2-IN-ENR-CE-CORE	6/26/2019	5,248	3,063	0.075 U	<b>0.044 U</b>	0.36	<b>0.21</b>
						0.076 U	<b>0.044 U</b>			
Intertidal	ENR+AC	Composite of "A" Locations	LDW-Y2-IN-ENR+AC-CA-CORE	6/26/2019	5,168	2,803	2.9	<b>1.6</b>	2.5	<b>1.4</b>
Intertidal	ENR+AC	Composite of "B" Locations	LDW-Y2-IN-ENR+AC-CB-CORE	7/2/2019	4,366	2,847	3.4	<b>2.2</b>	4.2	<b>2.7</b>
Intertidal	ENR+AC	Composite of "C" Locations	LDW-Y2-IN-ENR+AC-CC-CORE	6/26/2019	4,860	2,855	3.3	<b>1.9</b>	3.4	<b>2.0</b>
Scour	ENR	Composite of "C" Locations	LDW-Y2-SC-ENR-CC-CORE	7/2/2019	3,897	2,250	0.34	<b>0.20</b>	1.1	<b>0.64</b>
Scour	ENR	Composite of "D" Locations	LDW-Y2-SC-ENR-CD-CORE	7/2/2019	4,086	2,574	0.35	<b>0.22</b>	0.99	<b>0.62</b>
Scour	ENR	Composite of "E" Locations	LDW-Y2-SC-ENR-CE-CORE	7/2/2019	3,504	2,385	0.58	<b>0.39</b>	1.3	<b>0.88</b>
Scour	ENR+AC	Composite of "B" Locations	LDW-Y2-SC-ENR+AC-CB-CORE	7/2/2019	4,750	2,446	2.7	<b>1.4</b>	3.1	<b>1.6</b>
Scour	ENR+AC	Composite of "C" Locations	LWD-Y2-SC-ENR+AC-CC-CORE	7/2/2019	4,658	2,187	3.0	<b>1.4</b>	2.3	<b>1.1</b>
Scour	ENR+AC	Composite of "A" and "D" Locations	LDW-Y2-SC-ENR+AC-CAD-CORE <sup>2</sup>	7/2/2019	3,910	2,134	5.1	<b>2.8</b>	2.8	<b>1.5</b>
							3.9	<b>2.1</b>		
							4.0	<b>2.2</b>		
Scour	ENR	Composite of ENR Plot	LDW-Y2-SC-ENR-SS	6/22/2019	NA	NA	<b>0.75</b>	NA	<b>2.0 J</b>	NA
Scour	ENR+AC	Composite of ENR+AC Plot	LDW-Y2-SC-ENR+AC-SS <sup>2</sup>	6/26/2019	NA	NA	5.1	NA	<b>5.0</b>	NA
							6.5	NA		
Subtidal	ENR	Composite of "A" Locations	LDW-Y2-SU-ENR-CA-CORE	4/25/2019	NA	NA	<b>0.22</b>	NA	<b>0.40</b>	NA
Subtidal	ENR	Composite of "B" Locations	LDW-Y2-SU-ENR-CB-CORE	4/25/2019	NA	NA	<b>0.12</b>	NA	<b>0.66</b>	NA
Subtidal	ENR	Composite of "C" Locations	LDW-Y2-SU-ENR-CC-CORE	4/25/2019	NA	NA	<b>0.076 U</b>	NA	<b>0.35</b>	NA
Subtidal	ENR+AC	Composite of "A" Locations	LDW-Y2-SU-ENR+AC-CA-CORE	4/25/2019	NA	NA	<b>1.1</b>	NA	<b>1.8</b>	NA
Subtidal	ENR+AC	Composite of "B" Locations	LDW-Y2-SU-ENR+AC-CB-CORE	4/25/2019	NA	NA	<b>1.0</b>	NA	<b>1.7</b>	NA
Subtidal	ENR+AC	Composite of "C" Locations	LDW-Y2-SU-ENR+AC-CC-CORE	4/25/2019	NA	NA	<b>0.88</b>	NA	<b>1.7</b>	NA

**Table 6**  
**Activated Carbon/Black Carbon, Total Organic Carbon, and Grain Size Results for Bulk Sediment**

Plot	Subplot	Sample Type	Sample ID	Analyte Sample Date	Grain Size														Total Fines
					Gravel	Very Coarse Sand	Coarse Sand	Medium Sand	Fine Sand	Very Fine Sand	Coarse Silt	Medium Silt	Fine Silt	Very Fine Silt	Clay	Clay	Clay		
					%	%	%	%	%	%	%	%	%	%	%	%	%	%	
Intertidal	ENR	Composite of "A" Locations	LDW-Y2-IN-ENR-CA-CORE	6/26/2019	34.0	18.9	21.1	15.8	4.3	1.6	1.5	1.0	0.7	0.4	0.2	0.1	0.4	4.3	
Intertidal	ENR	Composite of "B" Locations	LDW-Y2-IN-ENR-CB-CORE	6/26/2019	30.3	19.7	21.6	16.7	4.8	2.2	1.8	1.1	0.7	0.4	0.1	0.1	0.4	4.6	
Intertidal	ENR	Composite of "E" Locations	LDW-Y2-IN-ENR-CE-CORE	6/26/2019	31.7	18.9	22.2	16.5	4.4	1.8	1.9	1.1	0.7	0.3	0.2	0.1	0.4	4.6	
Intertidal	ENR+AC	Composite of "A" Locations	LDW-Y2-IN-ENR+AC-CA-CORE	6/26/2019	35.9	19.6	19.4	12.2	5.0	3.5	1.9	0.9	0.6	0.3	0.2	0.1	0.4	4.4	
Intertidal	ENR+AC	Composite of "B" Locations	LDW-Y2-IN-ENR+AC-CB-CORE	7/2/2019	28.1	14.5	20.1	14.4	6.5	5.7	4.4	2.4	1.8	0.8	0.4	0.2	0.7	10.7	
Intertidal	ENR+AC	Composite of "C" Locations	LDW-Y2-IN-ENR+AC-CC-CORE	6/26/2019	32.9	20.4	22.1	14.7	4.1	2.1	1.6	0.8	0.5	0.3	0.1	0.1	0.4	3.8	
Scour	ENR	Composite of "C" Locations	LDW-Y2-SC-ENR-CC-CORE	7/2/2019	32.4	18.0	18.5	11.2	3.5	2.1	2.7	3.6	3.2	1.8	0.9	0.6	1.6	14.3	
Scour	ENR	Composite of "D" Locations	LDW-Y2-SC-ENR-CD-CORE	7/2/2019	32.6	20.0	18.4	11.6	3.9	2.0	1.7	3.0	2.6	1.5	0.8	0.5	1.5	11.6	
Scour	ENR	Composite of "E" Locations	LDW-Y2-SC-ENR-CE-CORE	7/2/2019	27.6	15.9	16.9	11.8	4.6	3.3	2.8	5.5	5.0	2.7	1.3	0.8	1.8	19.9	
Scour	ENR+AC	Composite of "B" Locations	LDW-Y2-SC-ENR+AC-CB-CORE	7/2/2019	35.3	21.3	20.3	11.4	3.4	1.5	1.7	1.4	1.4	0.8	0.4	0.2	1.0	6.9	
Scour	ENR+AC	Composite of "C" Locations	LDW-Y2-SC-ENR+AC-CC-CORE	7/2/2019	46.9	21.5	18.9	8.2	1.2	0.4	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	2.8	
Scour	ENR+AC	Composite of "A" and "D" Locations	LDW-Y2-SC-ENR+AC-CAD-CORE	7/2/2019	39.2	21.9	17.1	11.0	3.2	1.5	1.9	1.2	1.0	0.6	0.3	0.1	1.0	6.1	
Scour	ENR	Composite of ENR Plot	LDW-Y2-SC-ENR-SS	6/22/2019	24.7	8.5	11.4	7.8	2.7	0.8	2.4	10.3	11.8	5.9	3.7	3.7	6.4	44.2	
Scour	ENR+AC	Composite of ENR+AC Plot	LDW-Y2-SC-ENR+AC-SS	6/26/2019	32.2	11.9	15.6	10.3	3.5	1.5	2.9	4.8	5.2	3.4	2.4	2.1	3.9	24.9	
Subtidal	ENR	Composite of "A" Locations	LDW-Y2-SU-ENR-CA-CORE	4/25/2019	<b>20.0</b>	<b>23.2</b>	<b>22.3</b>	<b>18.8</b>	<b>7.0</b>	<b>2.0</b>	<b>1.3</b>	<b>1.3</b>	<b>1.2</b>	<b>0.8</b>	<b>0.5</b>	<b>0.7</b>	<b>0.8</b>	<b>6.5</b>	
Subtidal	ENR	Composite of "B" Locations	LDW-Y2-SU-ENR-CB-CORE	4/25/2019	<b>20.8</b>	<b>21.2</b>	<b>23.5</b>	<b>18.9</b>	<b>6.9</b>	<b>2.0</b>	<b>1.5</b>	<b>1.3</b>	<b>1.2</b>	<b>0.7</b>	<b>0.4</b>	<b>0.7</b>	<b>0.8</b>	<b>6.7</b>	
Subtidal	ENR	Composite of "C" Locations	LDW-Y2-SU-ENR-CC-CORE	4/25/2019	<b>19.5</b>	<b>23.7</b>	<b>22.4</b>	<b>18.7</b>	<b>7.1</b>	<b>2.0</b>	<b>1.4</b>	<b>1.4</b>	<b>1.1</b>	<b>0.8</b>	<b>0.4</b>	<b>0.8</b>	<b>0.8</b>	<b>6.6</b>	
					<b>24.8</b>	<b>20.4</b>	<b>19.7</b>	<b>17.4</b>	<b>6.4</b>	<b>0.2</b>	<b>3.3</b>	<b>1.8</b>	<b>2.2</b>	<b>1.1</b>	<b>0.5</b>	<b>1.0</b>	<b>1.1</b>	<b>11.1</b>	
					<b>19.7</b>	<b>18.1</b>	<b>18.4</b>	<b>17.8</b>	<b>7.4</b>	<b>2.8</b>	<b>2.7</b>	<b>7.0</b>	<b>2.6</b>	<b>0.8</b>	<b>0.4</b>	<b>1.1</b>	<b>1.4</b>	<b>15.9</b>	
Subtidal	ENR+AC	Composite of "A" Locations	LDW-Y2-SU-ENR+AC-CA-CORE	4/25/2019	<b>17.6</b>	<b>14.4</b>	<b>19.2</b>	<b>21.1</b>	<b>9.5</b>	<b>2.6</b>	<b>2.0</b>	<b>6.1</b>	<b>3.1</b>	<b>0.9</b>	<b>0.5</b>	<b>1.4</b>	<b>1.6</b>	<b>15.6</b>	
Subtidal	ENR+AC	Composite of "B" Locations	LDW-Y2-SU-ENR+AC-CB-CORE	4/25/2019	<b>19.1</b>	<b>15.9</b>	<b>17.8</b>	<b>19.7</b>	<b>9.3</b>	<b>2.2</b>	<b>1.4</b>	<b>3.6</b>	<b>4.7</b>	<b>1.5</b>	<b>0.8</b>	<b>2.0</b>	<b>2.0</b>	<b>15.9</b>	
Subtidal	ENR+AC	Composite of "C" Locations	LDW-Y2-SU-ENR+AC-CC-CORE	4/25/2019	<b>13.6</b>	<b>14.8</b>	<b>19.7</b>	<b>20.8</b>	<b>9.7</b>	<b>2.6</b>	<b>2.6</b>	<b>4.7</b>	<b>5.4</b>	<b>1.4</b>	<b>0.7</b>	<b>2.0</b>	<b>2.1</b>	<b>18.9</b>	

**Table 6  
Activated Carbon/Black Carbon, Total Organic Carbon, and Grain Size Results for Bulk Sediment**

Plot	Subplot	Sample Type	Sample ID	Analyte Sample Date	Corrected Grain Size with Gravel Fraction <sup>1</sup>													
					Gravel	Very Coarse Sand	Coarse Sand	Medium Sand	Fine Sand	Very Fine Sand	Coarse Silt	Medium Silt	Fine Silt	Very Fine Silt	Clay	Clay	Clay	Total Fines
					%	%	%	%	%	%	%	%	%	%	%	%	%	%
Intertidal	ENR	Composite of "A" Locations	LDW-Y2-IN-ENR-CA-CORE	6/26/2019	<b>61.3</b>	<b>11.1</b>	<b>12.3</b>	<b>9.3</b>	<b>2.5</b>	<b>0.9</b>	<b>0.9</b>	<b>0.6</b>	<b>0.4</b>	<b>0.2</b>	<b>0.1</b>	<b>0.1</b>	<b>0.2</b>	<b>2.5</b>
Intertidal	ENR	Composite of "B" Locations	LDW-Y2-IN-ENR-CB-CORE	6/26/2019	<b>60.8</b>	<b>11.1</b>	<b>12.2</b>	<b>9.4</b>	<b>2.7</b>	<b>1.2</b>	<b>1.0</b>	<b>0.6</b>	<b>0.4</b>	<b>0.2</b>	<b>0.1</b>	<b>0.1</b>	<b>0.2</b>	<b>2.6</b>
Intertidal	ENR	Composite of "E" Locations	LDW-Y2-IN-ENR-CE-CORE	6/26/2019	<b>60.1</b>	<b>11.0</b>	<b>13.0</b>	<b>9.7</b>	<b>2.5</b>	<b>1.0</b>	<b>1.1</b>	<b>0.6</b>	<b>0.4</b>	<b>0.2</b>	<b>0.1</b>	<b>0.1</b>	<b>0.2</b>	<b>2.7</b>
Intertidal	ENR+AC	Composite of "A" Locations	LDW-Y2-IN-ENR+AC-CA-CORE	6/26/2019	<b>65.2</b>	<b>10.7</b>	<b>10.5</b>	<b>6.6</b>	<b>2.7</b>	<b>1.9</b>	<b>1.0</b>	<b>0.5</b>	<b>0.3</b>	<b>0.2</b>	<b>0.1</b>	<b>0.1</b>	<b>0.2</b>	<b>2.4</b>
Intertidal	ENR+AC	Composite of "B" Locations	LDW-Y2-IN-ENR+AC-CB-CORE	7/2/2019	<b>53.1</b>	<b>9.4</b>	<b>13.1</b>	<b>9.4</b>	<b>4.3</b>	<b>3.7</b>	<b>2.8</b>	<b>1.6</b>	<b>1.2</b>	<b>0.5</b>	<b>0.2</b>	<b>0.1</b>	<b>0.5</b>	<b>7.0</b>
Intertidal	ENR+AC	Composite of "C" Locations	LDW-Y2-IN-ENR+AC-CC-CORE	6/26/2019	<b>60.6</b>	<b>12.0</b>	<b>13.0</b>	<b>8.6</b>	<b>2.4</b>	<b>1.2</b>	<b>1.0</b>	<b>0.5</b>	<b>0.3</b>	<b>0.2</b>	<b>0.1</b>	<b>0.0</b>	<b>0.2</b>	<b>2.2</b>
Scour	ENR	Composite of "C" Locations	LDW-Y2-SC-ENR-CC-CORE	7/2/2019	<b>61.0</b>	<b>10.4</b>	<b>10.7</b>	<b>6.5</b>	<b>2.0</b>	<b>1.2</b>	<b>1.5</b>	<b>2.1</b>	<b>1.9</b>	<b>1.0</b>	<b>0.5</b>	<b>0.3</b>	<b>0.9</b>	<b>8.3</b>
Scour	ENR	Composite of "D" Locations	LDW-Y2-SC-ENR-CD-CORE	7/2/2019	<b>57.6</b>	<b>12.6</b>	<b>11.6</b>	<b>7.3</b>	<b>2.4</b>	<b>1.2</b>	<b>1.1</b>	<b>1.9</b>	<b>1.6</b>	<b>1.0</b>	<b>0.5</b>	<b>0.3</b>	<b>0.9</b>	<b>7.3</b>
Scour	ENR	Composite of "E" Locations	LDW-Y2-SC-ENR-CE-CORE	7/2/2019	<b>50.7</b>	<b>10.8</b>	<b>11.5</b>	<b>8.0</b>	<b>3.1</b>	<b>2.3</b>	<b>1.9</b>	<b>3.7</b>	<b>3.4</b>	<b>1.8</b>	<b>0.9</b>	<b>0.6</b>	<b>1.3</b>	<b>13.5</b>
Scour	ENR+AC	Composite of "B" Locations	LDW-Y2-SC-ENR+AC-CB-CORE	7/2/2019	<b>66.7</b>	<b>10.9</b>	<b>10.4</b>	<b>5.9</b>	<b>1.7</b>	<b>0.8</b>	<b>0.9</b>	<b>0.7</b>	<b>0.7</b>	<b>0.4</b>	<b>0.2</b>	<b>0.1</b>	<b>0.5</b>	<b>3.5</b>
Scour	ENR+AC	Composite of "C" Locations	LDW-Y2-SC-ENR+AC-CC-CORE	7/2/2019	<b>75.1</b>	<b>10.1</b>	<b>8.9</b>	<b>3.9</b>	<b>0.6</b>	<b>0.2</b>	<b>&lt;1.3</b>	<b>&lt;1.3</b>	<b>&lt;1.3</b>	<b>&lt;1.3</b>	<b>&lt;1.3</b>	<b>&lt;1.3</b>	<b>&lt;1.3</b>	<b>1.3</b>
Scour	ENR+AC	Composite of "A" and "D" Locations	LDW-Y2-SC-ENR+AC-CAD-CORE	7/2/2019	<b>66.8</b>	<b>12.0</b>	<b>9.4</b>	<b>6.0</b>	<b>1.7</b>	<b>0.8</b>	<b>1.0</b>	<b>0.6</b>	<b>0.5</b>	<b>0.3</b>	<b>0.2</b>	<b>0.1</b>	<b>0.5</b>	<b>3.3</b>
Scour	ENR	Composite of ENR Plot	LDW-Y2-SC-ENR-SS	6/22/2019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Scour	ENR+AC	Composite of ENR+AC Plot	LDW-Y2-SC-ENR+AC-SS	6/26/2019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Subtidal	ENR	Composite of "A" Locations	LDW-Y2-SU-ENR-CA-CORE	4/25/2019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Subtidal	ENR	Composite of "B" Locations	LDW-Y2-SU-ENR-CB-CORE	4/25/2019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Subtidal	ENR	Composite of "C" Locations	LDW-Y2-SU-ENR-CC-CORE	4/25/2019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Subtidal	ENR+AC	Composite of "A" Locations	LDW-Y2-SU-ENR+AC-CA-CORE	4/25/2019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Subtidal	ENR+AC	Composite of "B" Locations	LDW-Y2-SU-ENR+AC-CB-CORE	4/25/2019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Subtidal	ENR+AC	Composite of "C" Locations	LDW-Y2-SU-ENR+AC-CC-CORE	4/25/2019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

**Notes:**

1. Samples collected from the intertidal and scour plots were sieved with a #4 sieve prior to analysis to remove the gravel fraction as the ENR substrate for those plots is gravelly sand. Samples from the subtidal plots were not sieved with a #4 sieve prior to analysis as the ENR substrate for that plot was sand only. AC/BC, TOC, and grain size results were corrected to account for the mass of material removed by the #4 sieve (the gravel fraction). Reportable results for AC/BC, TOC, and grain size are bolded/shaded.

2. This sample was reanalyzed for black carbon because the initial result had black carbon and TOC results that were approximately the same indicating that all the carbon in the samples was black carbon which was not expected.

**BOLD** Bolded/shaded values are the reportable value for AC/BC, TOC, and grain size. Subtidal samples were not sieved, and thus did not need the correction that the scour and intertidal samples needed to include the gravel fraction removed prior to analysis.

**Abbreviations:**

AC = Activated carbon  
 BC = black carbon  
 ENR = Enhanced natural recovery  
 ENR +AC = Enhanced natural recovery amended with activated carbon.

ID = Identification  
 g = gram(s)  
 NA = Not applicable  
 TOC = Total organic carbon

**Table 7**  
**Analytical Results for PCB Congeners in Bulk Sediment<sup>1</sup>**

<i>SamplID</i>		LDW-Y2-SU- ENR-CA-CORE	LDW-Y2-SU- ENR-CB-CORE	LDW-Y2-SU- ENR-CC-CORE	LDW-Y2-SU- ENR+AC-CA-CORE	LDW-Y2-SU- ENR+AC-CB-CORE	LDW-Y2-SU- ENR+AC-CC-CORE	LDW-Y2-SC- ENR-CC-CORE	LDW-Y2-SC- ENR-CD-CORE	LDW-Y2-SC- ENR-CE-CORE
<i>UseDate</i>		4/25/2019	4/25/2019	4/25/2019	4/25/2019	4/25/2019	4/25/2019	7/2/2019	7/2/2019	7/2/2019
<i>Plot</i>		Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Scour	Scour	Scour
<i>SubPlot</i>		ENR	ENR	ENR	ENR+AC	ENR+AC	ENR+AC	ENR	ENR	ENR
<b>Polychlorinated Biphenyls (PCBs)</b>										
PCBs (Total, Congeners)	pg/g	90500	228000	20400	77700	49200	165000	101000	71300	94000
PCB-001	pg/g	29.8	67.2	7.28	26.6	30.9	32.3	27.4	22.3	29
PCB-002	pg/g	7.34	13.2	1.5 J	4.99	3.85 J	7.51	7.36	6.12	7.82
PCB-003	pg/g	25.2	47.5	5.57	18	19.5	25.2	24	21	24.9
PCB-004	pg/g	235	606	55.1	200	108	277	163	234	199
PCB-005	pg/g	0.807 U	0.792 U	0.367 U	0.405 U	0.597 U	0.901 U	0.727 U	0.664 U	1.09 U
PCB-006	pg/g	387	817	54.4	193	115	260	206	206	185
PCB-007	pg/g	41.7	103	10.4	36.7	21.5	46.7	41.1	44.7	37.2
PCB-008	pg/g	937	2300	234	757	404	1290	1020	1100	893
PCB-009	pg/g	49.1	113	11.9	34.7	23.1	60.5	37.9	48.7	38.5
PCB-010	pg/g	17.1	36.5	5.34	10.9	7.28	14.6	53.7	30.2	30.8
PCB-011	pg/g	36	76.5	13.4	20.1	23.6	15.3	50.6	33.6	50.1
PCB-012	pg/g	66.9	166	10.8	42.3	34.2	50.9	66.4	37.4	43.1
PCB-013	pg/g	62.1	139	13.2	29.9	15	50.8	27.1	38.8	45.4
PCB-014	pg/g	0.849 U	0.833 U	0.386 U	0.426 U	0.627 U	0.947 U	0.763 U	0.697 U	1.15 U
PCB-015	pg/g	479	1110	136	389	209	652	579	487	477
PCB-016	pg/g	679	1420	141	363	227	619	612	341	451
PCB-017	pg/g	1050	2250	188	684	376	988	721	633	639
PCB-018	pg/g	2210	4760	417	1460	792	2230	1690	1450	1450
PCB-019	pg/g	172	354	37.9	106	59.2	136	145	129	125
PCB-020	pg/g	1510 C	3790 C	329 C	1110 C	677 C	1990 C	1760 C	1170 C	1290 C
PCB-021	pg/g	C020	C020	C020	C020	C020	C020	C020	C020	C020
PCB-022	pg/g	770	2050	172	587	354	1090	916	591	653
PCB-023	pg/g	3.23 J	6.35	0.701 J	2.17 J	1.74 J	3.73 J	3.86	2.69 J	3.41 J
PCB-024	pg/g	89.5	179	18.9	43.9	29.3	76.8	80.7	76.8	70.2
PCB-025	pg/g	473	970	65.7	221	162	315	301	192	231
PCB-026	pg/g	754	1740	108	369	263	554	502	331	383
PCB-027	pg/g	81.5	172	19.9	65.8	32.5	77.9	84.9	58.2	76.6
PCB-028	pg/g	2320	5580	532	1710	1060	3070	2640	1790	1980
PCB-029	pg/g	15.5	37.1	3.8 J	12.8	8.47	22.9	21.2	13.4	15.5
PCB-030	pg/g	2.11 J	4.85	0.46 U	0.86 U	0.578 U	1.87 J	0.784 U	0.603 U	0.896 U
PCB-031	pg/g	2660	6820	529	1820	1110	3400	2450	1520	1670
PCB-032	pg/g	710	1550	131	512	256	722	541	609	517
PCB-033	pg/g	C020	C020	C020	C020	C020	C020	C020	C020	C020
PCB-034	pg/g	29.6	67.6	3.61 J	16.7	10.1	18.3	14.2	9.37	11.2
PCB-035	pg/g	36.5	101	9.29	30.5	17.8	46.1	54.1	35.9	39.2
PCB-036	pg/g	0.532 U	0.676 U	0.955 U	0.895 U	0.373 U	0.444 U	2.92 J	0.661 U	0.864 U
PCB-037	pg/g	700	1720	192	579	322	1050	896	574	671
PCB-038	pg/g	16.5	33	3.74 J	12	8.88	20.8	17.2	10.3	17.1
PCB-039	pg/g	4.77	10.9	0.978 U	4.69	3.28 J	4.29	0.949 U	0.662 U	0.866 U
PCB-040	pg/g	456	115	95.6	317	165	533	29.3	256	341
PCB-041	pg/g	2280 C	4790 C	451 C	1750 C	884 C	3110 C	1760 C	1250 C	1660 C
PCB-042	pg/g	1180 C	2240 C	187 C	742 C	403 C	1170 C	795 C	554 C	721 C
PCB-043	pg/g	3290 C	7270 C	480 C	2090 C	1250 C	3380 C	1990 C	1410 C	1870 C
PCB-044	pg/g	3040	6470	502	2130	1150	4050	2050	1470	1890
PCB-045	pg/g	470	992	86.2	305	169	434	361	254	329
PCB-046	pg/g	197	374	34	116	68.9	155	145	105	133

**Table 7**  
**Analytical Results for PCB Congeners in Bulk Sediment<sup>1</sup>**

<i>SamplID</i>		LDW-Y2-SU- ENR-CA-CORE	LDW-Y2-SU- ENR-CB-CORE	LDW-Y2-SU- ENR-CC-CORE	LDW-Y2-SU- ENR+AC-CA-CORE	LDW-Y2-SU- ENR+AC-CB-CORE	LDW-Y2-SU- ENR+AC-CC-CORE	LDW-Y2-SC- ENR-CC-CORE	LDW-Y2-SC- ENR-CD-CORE	LDW-Y2-SC- ENR-CE-CORE
<i>UseDate</i>		4/25/2019	4/25/2019	4/25/2019	4/25/2019	4/25/2019	4/25/2019	7/2/2019	7/2/2019	7/2/2019
<i>Plot</i>		Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Scour	Scour	Scour
<i>SubPlot</i>		ENR	ENR	ENR	ENR+AC	ENR+AC	ENR+AC	ENR	ENR	ENR
<b>Polychlorinated Biphenyls (PCBs)</b>										
PCBs (Total, Congeners)	pg/g	90500	228000	20400	77700	49200	165000	101000	71300	94000
PCB-047	pg/g	1200	2460	185	716	416	1120	684	474	625
PCB-048	pg/g	600 C	1230 C	102 C	424 C	236 C	666 C	463 C	338 C	430 C
PCB-049	pg/g	C043	C043	C043	C043	C043	C043	C043	C043	C043
PCB-050	pg/g	13.9	27.1	2.33 J	8.75	4.85	10.6	7.81	5.7	8.33
PCB-051	pg/g	145	297	26.7	95.7	54	135	115	79.5	106
PCB-052	pg/g	3900 C	9730 C	650 C	2930 C	1680 C	5960 C	2630 C	1890 C	2540 C
PCB-053	pg/g	464	966	78.6	284	167	413	334	237	300
PCB-054	pg/g	7.48	14.1	1.58 J	4.85	3.05 J	6.77	6.47	4.46	5.63
PCB-055	pg/g	56.1	148	15.9	53.5	32.1	94.2	83.5	57.9	78.2
PCB-056	pg/g	1320 C	3740 C	366 C	1280 C	654 C	2670 C	1720 C	1160 C	1510 C
PCB-057	pg/g	29.2	54.6	4.24	16.5	12	25.4	18.4	14.8	17.9
PCB-058	pg/g	19.5	39.4	2.68 J	10	7.11	11.1	9.41	6.49	9.27
PCB-059	pg/g	C042	C042	C042	C042	C042	C042	C042	C042	C042
PCB-060	pg/g	C056	C056	C056	C056	C056	C056	C056	C056	C056
PCB-061	pg/g	3400 C	10400 C	750 C	3120 C	1680 C	6650 C	3440 C	2410 C	3120 C
PCB-062	pg/g	0.596 U	0.414 U	0.923 U	0.37 U	0.47 U	0.448 U	0.588 U	0.572 U	0.878 U
PCB-063	pg/g	141	359	23.9	98.8	57.9	174	115	81.4	104
PCB-064	pg/g	C041	C041	C041	C041	C041	C041	C041	C041	C041
PCB-065	pg/g	0.574 U	0.4 U	0.89 U	0.357 U	0.453 U	0.432 U	0.62 U	0.603 U	0.925 U
PCB-066	pg/g	3050 C	7910 C	587 C	2300 C	1290 C	4110 C	3010 C	2070 C	2700 C
PCB-067	pg/g	137	318	22.4	80.6	56.7	136	120	84	104
PCB-068	pg/g	38.3	0.363 U	6.47	21.6	12.4	27.1	16.6	12.9	17.8
PCB-069	pg/g	C052	C052	C052	C052	C052	C052	C052	C052	C052
PCB-070	pg/g	C061	C061	C061	C061	C061	C061	C061	C061	C061
PCB-071	pg/g	C041	C041	C041	C041	C041	C041	C041	C041	C041
PCB-072	pg/g	C041	C041	C041	C041	C041	C041	C041	C041	C041
PCB-073	pg/g	0.574 U	0.399 U	0.889 U	0.357 U	0.453 U	0.431 U	0.563 U	0.548 U	0.841 U
PCB-074	pg/g	1500	4150	289	1180	639	2330	1490	1010	1280
PCB-075	pg/g	C048	C048	C048	C048	C048	C048	C048	C048	C048
PCB-076	pg/g	C066	C066	C066	C066	C066	C066	C066	C066	C066
PCB-077	pg/g	246	626	66	217	116	423	316	213	271
PCB-078	pg/g	12.7	32.9	2.98 J	13.6	7.98	27.3	12.5	10.3	12.4
PCB-079	pg/g	44.2	104	9.68	40.5	27.5	85.3	46.5	38.2	52.5
PCB-080	pg/g	0.494 U	0.344 U	0.766 U	0.307 U	0.39 U	0.372 U	0.508 U	0.494 U	0.758 U
PCB-081	pg/g	46.8	162	17.4	67.5	36.6	190	76.5	56.4	80.1
PCB-082	pg/g	350	1100	96.4	401	215	976	405	273	375
PCB-083	pg/g	169 C	452 C	36.1 C	151 C	90.9 C	332 C	140 C	97.1 C	125 C
PCB-084	pg/g	1440 C	3870 C	292 C	1320 C	787 C	3110 C	1140 C	820 C	1120 C
PCB-085	pg/g	431 C	1310 C	113 C	460 C	250 C	1130 C	477 C	331 C	450 C
PCB-086	pg/g	0.963 U	0.606 U	0.898 U	0.722 U	0.875 U	0.734 U	0.944 U	0.884 U	1.21 U
PCB-087	pg/g	930 C	3350 C	281 C	1190 C	637 C	3320 C	1190 C	812 C	1090 C
PCB-088	pg/g	548 C	1670 C	120 C	480 C	289 C	1000 C	557 C	393 C	498 C
PCB-089	pg/g	47.7	106	12	41.4	20.8	81.9	37	33.6	39
PCB-090	pg/g	3340 C	9910 C	783 C	3300 C	2020 C	8710 C	3330 C	2350 C	3190 C
PCB-091	pg/g	C088	C088	C088	C088	C088	C088	C088	C088	C088
PCB-092	pg/g	C084	C084	C084	C084	C084	C084	C084	C084	C084
PCB-093	pg/g	0.55 U	0.616 U	0.461 U	0.6 U	0.503 U	0.723 U	0.748 U	0.682 U	1.13 U



**Table 7**  
**Analytical Results for PCB Congeners in Bulk Sediment<sup>1</sup>**

<i>SamplID</i>		LDW-Y2-SU-ENR-CA-CORE	LDW-Y2-SU-ENR-CB-CORE	LDW-Y2-SU-ENR-CC-CORE	LDW-Y2-SU-ENR+AC-CA-CORE	LDW-Y2-SU-ENR+AC-CB-CORE	LDW-Y2-SU-ENR+AC-CC-CORE	LDW-Y2-SC-ENR-CC-CORE	LDW-Y2-SC-ENR-CD-CORE	LDW-Y2-SC-ENR-CE-CORE
<i>UseDate</i>		4/25/2019	4/25/2019	4/25/2019	4/25/2019	4/25/2019	4/25/2019	7/2/2019	7/2/2019	7/2/2019
<i>Plot</i>		Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Scour	Scour	Scour
<i>SubPlot</i>		ENR	ENR	ENR	ENR+AC	ENR+AC	ENR+AC	ENR	ENR	ENR
<b>Polychlorinated Biphenyls (PCBs)</b>										
PCBs (Total, Congeners)	pg/g	90500	228000	20400	77700	49200	165000	101000	71300	94000
PCB-094	pg/g	25	63.5	4.84	18.9	11.6	34.3	20.8	14.5	20.2
PCB-095	pg/g	3570	11300	750	3190	1990	7590	3230	2180	2970
PCB-096	pg/g	29.7	67.2	7.31	25.9	14.1	49.2	24.6	16.7	24.3
PCB-097	pg/g	1070	U	241	1080	609	2690	1030	706	942
PCB-098	pg/g	0.509 UC	0.57 UC	0.427 UC	0.555 UC	0.466 UC	0.669 UC	0.845 UC	0.769 UC	1.27 UC
PCB-099	pg/g	1670	4230	329	1420	913	3140	1390	993	1330
PCB-100	pg/g	26.9	68	4.54	16.8	14.5	20.6	33.2	22.8	32.1
PCB-101	pg/g	C090	C090	C090	C090	C090	C090	C090	C090	C090
PCB-102	pg/g	U,C098	U,C098	U,C098	U,C098	U,C098	U,C098	U,C098	U,C098	U,C098
PCB-103	pg/g	79.9	139	11	45.1	47.5	56.6	55.9	42.5	59.8
PCB-104	pg/g	0.356 U	0.399 U	0.299 U	0.388 U	0.326 U	0.468 U	0.53 U	0.483 U	0.799 U
PCB-105	pg/g	951	3390	316	1240	674	3330	1340	939	1190
PCB-106	pg/g	3130 C	9100 C	789 C	3270 C	1910 C	8430 C	3330 C	2390 C	3160 C
PCB-107	pg/g	267 C	745 C	61 C	235 C	154 C	537 C	224 C	158 C	213 C
PCB-108	pg/g	C107	C107	C107	C107	C107	C107	C107	C107	C107
PCB-109	pg/g	0.735 U	3.42 J	0.685 U	2.23 J	0.668 U	3.4 J	3.33 J	1.71 J	1.87 J
PCB-110	pg/g	3530	10200	823	3420	1990	8600	3440	2330	3240
PCB-111	pg/g	48.5 C	183 C	16.1 C	52.9 C	25.9 C	173 C	71.8 C	44.8 C	62.4 C
PCB-112	pg/g	C083	C083	C083	C083	C083	C083	C083	C083	C083
PCB-113	pg/g	0.732 U	0.46 U	0.683 U	0.548 U	0.665 U	0.557 U	0.732 U	0.686 U	0.937 U
PCB-114	pg/g	70.7	235	23.6	89.2	48.2	242	92.4	60.1	90.5
PCB-115	pg/g	C111	C111	C111	C111	C111	C111	C111	C111	C111
PCB-116	pg/g	C085	C085	C085	C085	C085	C085	C085	C085	C085
PCB-117	pg/g	C087	C087	C087	C087	C087	C087	C087	C087	C087
PCB-118	pg/g	C106	C106	C106	C106	C106	C106	C106	C106	C106
PCB-119	pg/g	131	266	19.6	78.9	67.9	121	85.6	61.9	77.5
PCB-120	pg/g	23.2	45	3.29 J	13.2	0.6 U	23.2	19.1	10.8	19.2
PCB-121	pg/g	0.42 U	0.47 U	0.352 U	0.458 U	0.384 U	0.552 U	0.655 U	0.596 U	0.986 U
PCB-122	pg/g	35.7	107	12.3	45.3	26.6	110	48	31.5	46
PCB-123	pg/g	49.3	162	18	63.9	38.4	158	68.6	52	69.3
PCB-124	pg/g	98.9	340	35.7	137	77.4	356	168	113	151
PCB-125	pg/g	C087	C087	C087	C087	C087	C087	C087	C087	C087
PCB-126	pg/g	13.8	40.6	4.8	17.6	9.33	41.6	23.5	16.1	22.3
PCB-127	pg/g	0.624 U	0.343 U	0.868 U	0.606 U	0.579 U	0.526 U	0.931 U	0.596 U	1.13 U
PCB-128	pg/g	479 C	1500 C	141 C	554 C	335 C	1380 C	723 C	508 C	698 C
PCB-129	pg/g	125	446	42	168	92.6	455	197	137	196
PCB-130	pg/g	223	610	63.6	243	169	573	298	199	281
PCB-131	pg/g	106 C	289 C	26 C	103 C	76 C	233 C	144 C	102 C	141 C
PCB-132	pg/g	914 C	2750 C	210 C	876 C	539 C	2120 C	1270 C	893 C	1250 C
PCB-133	pg/g	C131	C131	C131	C131	C131	C131	C131	C131	C131
PCB-134	pg/g	181 C	475 C	44.4 C	182 C	113 C	439 C	248 C	175 C	240 C
PCB-135	pg/g	409	1090	104	363	274	890	559	369	521
PCB-136	pg/g	587	1610	142	621	412	1350	665	491	737
PCB-137	pg/g	138	488	41.3	166	92.2	450	217	153	212
PCB-138	pg/g	2990 C	8560 C	834 C	3140 C	2060 C	7900 C	4960 C	3520 C	4880 C
PCB-139	pg/g	2460 C	6120 C	581 C	2250 C	1590 C	5290 C	3740 C	2560 C	3590 C
PCB-140	pg/g	36.9	72.9	7.44	22.5	25.5	37.1	39.7	25.9	36.7

**Table 7**  
**Analytical Results for PCB Congeners in Bulk Sediment<sup>1</sup>**

<i>SamplID</i>		LDW-Y2-SU- ENR-CA-CORE	LDW-Y2-SU- ENR-CB-CORE	LDW-Y2-SU- ENR-CC-CORE	LDW-Y2-SU- ENR+AC-CA-CORE	LDW-Y2-SU- ENR+AC-CB-CORE	LDW-Y2-SU- ENR+AC-CC-CORE	LDW-Y2-SC- ENR-CC-CORE	LDW-Y2-SC- ENR-CD-CORE	LDW-Y2-SC- ENR-CE-CORE
<i>UseDate</i>		4/25/2019	4/25/2019	4/25/2019	4/25/2019	4/25/2019	4/25/2019	7/2/2019	7/2/2019	7/2/2019
<i>Plot</i>		Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Scour	Scour	Scour
<i>SubPlot</i>		ENR	ENR	ENR	ENR+AC	ENR+AC	ENR+AC	ENR	ENR	ENR
<b>Polychlorinated Biphenyls (PCBs)</b>										
PCBs (Total, Congeners)	pg/g	90500	228000	20400	77700	49200	165000	101000	71300	94000
PCB-141	pg/g	478	1410	146	561	339	1480	832	578	841
PCB-142	pg/g	0.537 U	0.456 U	0.872 U	0.631 U	0.56 U	0.534 U	0.965 U	0.7 U	0.938 U
PCB-143	pg/g	C134	C134	C134	C134	C134	C134	C134	C134	C134
PCB-144	pg/g	105	286	33.9	126	77.8	295	219	170	238
PCB-145	pg/g	1.62 J	5.18	0.798 J	2.06 J	1.2 J	4.81	1.75 J	1.4 J	1.81 J
PCB-146	pg/g	488 C	1150 C	110 C	415 C	364 C	848 C	642 C	446 C	631 C
PCB-147	pg/g	57.2	163	16.3	59.8	40.6	137	85.9	54.3	77.8
PCB-148	pg/g	0.413 U	0.471 U	0.444 U	0.555 U	0.442 U	0.67 U	0.95 U	0.952 U	1.52 U
PCB-149	pg/g	C139	C139	C139	C139	C139	C139	C139	C139	C139
PCB-150	pg/g	9.89	32.9	2.33 J	7.57	8.28	10.5	15.7	12.3	19.2
PCB-151	pg/g	650	1490	162	583	436	1270	979	711	971
PCB-152	pg/g	4.01	11.6	1.14 J	4.44	2.69 J	9.78	5.25	3.77 J	5.49
PCB-153	pg/g	2740	6780	734	2730	1910	6200	4680	3110	4520
PCB-154	pg/g	80.2	244	16.7	64.8	80.4	78.9	121	82.9	129
PCB-155	pg/g	0.293 U	0.334 U	0.315 U	0.394 U	0.313 U	0.475 U	0.571 U	0.572 U	0.914 U
PCB-156	pg/g	322	1050	103	398	230	1030	498	337	476
PCB-157	pg/g	73.1	235	24	88.3	51.6	220	111	76.5	107
PCB-158	pg/g	311 C	999 C	98.1 C	365 C	221 C	1010 C	506 C	350 C	491 C
PCB-159	pg/g	31.8	66.9	9.59	29	26.2	57.3	72.4	48.8	72.7
PCB-160	pg/g	C158	C158	C158	C158	C158	C158	C158	C158	C158
PCB-161	pg/g	C132	C132	C132	C132	C132	C132	C132	C132	C132
PCB-162	pg/g	C128	C128	C128	C128	C128	C128	C128	C128	C128
PCB-163	pg/g	C138	C138	C138	C138	C138	C138	C138	C138	C138
PCB-164	pg/g	C138	C138	C138	C138	C138	C138	C138	C138	C138
PCB-165	pg/g	C146	C146	C146	C146	C146	C146	C146	C146	C146
PCB-166	pg/g	10.2	36.4	4.32	14.3	6.77	39.5	16.4	11.6	15.4
PCB-167	pg/g	129	389	40.8	150	87	377	211	148	207
PCB-168	pg/g	0.392 U	0.333 U	0.636 U	0.46 U	0.408 U	0.389 U	0.655 U	0.475 U	0.636 U
PCB-169	pg/g	0.408 U	0.355 U	0.706 U	0.452 U	0.436 U	0.438 U	0.688 U	0.484 U	0.648 U
PCB-170	pg/g	1000	2370	295	1000	755	2110	1720	1180	1750
PCB-171	pg/g	267	653	81	263	208	561	487	354	501
PCB-172	pg/g	163	401	49	160	132	334	284	201	303
PCB-173	pg/g	18.2	53.6	6.77	20.4	15.4	49.4	30.5	27.2	35
PCB-174	pg/g	924	2090	244	844	718	1740	1470	1090	1540
PCB-175	pg/g	37.1	89.1	11.4	40.5	33.8	81.2	70.1	53.4	80.4
PCB-176	pg/g	128	281	33.4	115	96.2	230	225	165	236
PCB-177	pg/g	608	1470	169	555	485	1100	1030	750	1050
PCB-178	pg/g	190	467	51.1	173	159	321	326	243	357
PCB-179	pg/g	392	857	99.5	341	301	637	649	476	673
PCB-180	pg/g	2290	5170	628	2220	1850	4690	3910	2810	4030
PCB-181	pg/g	0.605 U	0.916 U	0.589 U	0.818 U	0.598 U	0.99 U	0.918 U	0.835 U	1.14 U
PCB-182	pg/g	1090 C	2620 C	299 C	1020 C	958 C	1830 C	2000 C	1490 C	2090 C
PCB-183	pg/g	535	1270	155	519	441	1040	1020	750	1070
PCB-184	pg/g	0.783 J	3.1 J	0.328 U	0.455 U	0.333 U	0.551 U	0.521 U	1.39 J	2.33 J
PCB-185	pg/g	98.6	238	30.7	101	79.3	211	196	140	191
PCB-186	pg/g	0.368 U	0.558 U	0.359 U	0.498 U	0.364 U	0.603 U	0.573 U	0.522 U	0.711 U
PCB-187	pg/g	C182	C182	C182	C182	C182	C182	C182	C182	C182

**Table 7  
Analytical Results for PCB Congeners in Bulk Sediment<sup>1</sup>**

<i>SamplID</i>		LDW-Y2-SU-ENR-CA-CORE	LDW-Y2-SU-ENR-CB-CORE	LDW-Y2-SU-ENR-CC-CORE	LDW-Y2-SU-ENR+AC-CA-CORE	LDW-Y2-SU-ENR+AC-CB-CORE	LDW-Y2-SU-ENR+AC-CC-CORE	LDW-Y2-SC-ENR-CC-CORE	LDW-Y2-SC-ENR-CD-CORE	LDW-Y2-SC-ENR-CE-CORE
<i>UseDate</i>		4/25/2019	4/25/2019	4/25/2019	4/25/2019	4/25/2019	4/25/2019	7/2/2019	7/2/2019	7/2/2019
<i>Plot</i>		Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Scour	Scour	Scour
<i>SubPlot</i>		ENR	ENR	ENR	ENR+AC	ENR+AC	ENR+AC	ENR	ENR	ENR
<b>Polychlorinated Biphenyls (PCBs)</b>										
PCBs (Total, Congeners)	pg/g	90500	228000	20400	77700	49200	165000	101000	71300	94000
PCB-188	pg/g	2.69 J	9.34	0.443 U	2.16 J	2.4 J	2 J	4.14	2.98 J	4.55
PCB-189	pg/g	32	73	9.85	32.4	23.8	68.5	66.9	45	67.2
PCB-190	pg/g	202	462	63.2	206	155	424	353	249	367
PCB-191	pg/g	43.5	99	12.5	41.8	32.4	91.9	72.3	49	74.8
PCB-192	pg/g	0.475 U	0.718 U	0.462 U	0.641 U	0.469 U	0.776 U	0.688 U	0.626 U	0.854 U
PCB-193	pg/g	109	254	33.2	107	95.5	195	202	138	210
PCB-194	pg/g	417	747	115	368	372	655	901	590	871
PCB-195	pg/g	185	411	54.9	179	179	334	402	281	383
PCB-196	pg/g	515 C	925 C	143 C	469 C	444 C	782 C	1020 C	675 C	1010 C
PCB-197	pg/g	19.5	39.9	5.23	16.6	16.4	28.8	36.5	26.4	38.5
PCB-198	pg/g	25.1	62.3	7.23	19.8	18.9	35.4	48.9	39.8	54.3
PCB-199	pg/g	521	959	143	459	448	759	918	620	899
PCB-200	pg/g	59.4	118	17.1	54.8	51.3	93.3	112	81.2	110
PCB-201	pg/g	62.9	127	16.4	56.5	55.5	90.6	125	90.7	134
PCB-202	pg/g	91.7	188	25.9	82.6	83.6	123	196	138	199
PCB-203	pg/g	C196	C196	C196	C196	C196	C196	C196	C196	C196
PCB-204	pg/g	0.352 U	0.401 U	0.481 U	0.46 U	0.395 U	0.447 U	0.872 U	0.823 U	0.94 U
PCB-205	pg/g	21.8	42.4	6.72	19.8	20	34.8	47.8	32	48
PCB-206	pg/g	169	290	49.2	148	172	195	491	294	415
PCB-207	pg/g	22.5	41.5	6.56	20	22.5	27.7	62.7	39.8	49.9
PCB-208	pg/g	43.1	68.6	11.7	36.7	43.6	43.7	143	87	110
PCB-209	pg/g	72.4	80.9	21.1	60.4	91.6	59.2	452	118	151

**Table 7**  
**Analytical Results for PCB Congeners in Bulk Sediment<sup>1</sup>**

<i>SamplID</i>	LDW-Y2-SC-ENR+AC-CB-CORE	LDW-Y2-SC-ENR+AC-CC-CORE	LDW-Y2-SC-ENR+AC-CAD-CORE	LDW-Y2-IN-ENR-CA-CORE	LDW-Y2-IN-ENR-CB-CORE	LDW-Y2-IN-ENR-CE-CORE	LDW-Y2-IN-ENR+AC-CA-CORE	LDW-Y2-IN-ENR+AC-CB-CORE	LDW-Y2-IN-ENR+AC-CC-CORE	LDW-Y2-SC-ENR-SS	LDW-Y2-SC-ENR+AC-SS	
<i>UseDate</i>	7/2/2019	7/2/2019	7/2/2019	6/26/2019	6/26/2019	6/26/2019	6/26/2019	7/2/2019	6/26/2019	6/22/2019	6/26/2019	
<i>Plot</i>	Scour	Scour	Scour	Intertidal	Intertidal	Intertidal	Intertidal	Intertidal	Intertidal	Scour	Scour	
<i>SubPlot</i>	ENR+AC	ENR+AC	ENR+AC	ENR	ENR	ENR	ENR+AC	ENR+AC	ENR+AC	ENR	ENR+AC	
<b>Polychlorinated Biphenyls (PCBs)</b>												
PCBs (Total, Congeners)	pg/g	49900	20700	52500	6000	5650	17500	8930	30000	15100	86700	28800
PCB-001	pg/g	19.5	16.6	25.1	10.6	7.77	177	37.5	92.2	27.8	28.9	11.6
PCB-002	pg/g	3.61 J	7.66	5.75	3.35 J	2.8 J	30	5.29	12	3.89 J	5.96	2.03 J
PCB-003	pg/g	12.2	9.99	15.8	10.8	8.83	144	22.5	44.3	12.1	24	8.35
PCB-004	pg/g	153	95.1	224	10.3	11.5	77.8	27	43.6	43.5	223	101
PCB-005	pg/g	0.798 U	0.722 U	0.812 U	0.852 U	0.769 U	0.665 U	0.62 U	1.75 U	1.03 U	0.857 U	0.809 U
PCB-006	pg/g	132	71.2	160	12.3	10.6	65.7	21.5	66.9	37.7	176	56.6
PCB-007	pg/g	24.6	13.6	38.8	3.65 J	0.744 U	28.2	6.05	14	8.11	31.5	9.49
PCB-008	pg/g	669	360	808	33.5	33.6	215	62.3	172	89	867	265
PCB-009	pg/g	29.8	17.1	37.1	2.33 J	0.759 U	23.4	6.51	17.9	7.13	37.4	13
PCB-010	pg/g	12.2	8.14	28	0.883 U	0.797 U	9.77	3 J	17.8	1 U	10.7	7.9
PCB-011	pg/g	21.4	13.8	24.6	11.4	13.4	13.2	11.4	24.2	11.5	30.6	12
PCB-012	pg/g	16.2	7.45	22.4	3.67 J	0.839 U	20.2	7.86	19.8	7.76	52.9	17.5
PCB-013	pg/g	22.4	7.7	24.2	4.51	0.838 U	30.6	6.03	14.3	9.89	27.7	7.51
PCB-014	pg/g	0.838 U	0.759 U	0.852 U	0.895 U	0.808 U	0.699 U	0.652 U	1.84 U	1.08 U	0.9 U	0.85 U
PCB-015	pg/g	253	88.7	250	27.4	26.6	137	30.7	89.1	43.2	509	145
PCB-016	pg/g	362	202	377	8.79	7.75	14.3	15.3	51.6	30.4	559	159
PCB-017	pg/g	499	267	479	13.3	13.8	21.7	25.2	75.7	47.1	776	248
PCB-018	pg/g	1160	605	1100	28.2	27.1	45.3	55.9	168	115	1740	569
PCB-019	pg/g	102	56.9	107	3.15 J	2.99 J	5.35	6.44	18.6	11.7	156	55.6
PCB-020	pg/g	1120 C	481 C	1050 C	34.3 C	35 C	45.2 C	43.1 C	124 C	81 C	1360 C	461 C
PCB-021	pg/g	C020	C020	C020	C020	C020	C020	C020	C020	C020	C020	C020
PCB-022	pg/g	575	258	569	19.1	18.6	27	24.8	71.4	45.5	681	230
PCB-023	pg/g	3.01 J	1.67 J	3.62 J	0.542 U	0.72 U	0.437 U	0.35 U	0.619 U	0.575 U	3.21 J	1.53 J
PCB-024	pg/g	62.1	31.2	51.1	2.01 J	2.29 J	3.72 J	3.88 J	9.19	6.47	95.3	24.5
PCB-025	pg/g	185	86.4	193	19.6	21.1	20.7	20.8	58.9	40.4	239	77.8
PCB-026	pg/g	316	146	321	39.8	41.7	39	40.2	114	84.8	409	140
PCB-027	pg/g	43.6	26.4	57	2.08 J	1.53 J	3.26 J	3.38 J	12.8	6.47	67.3	28.4
PCB-028	pg/g	1570	740	1580	60.6	67.3	78	81.6	223	139	2120	673
PCB-029	pg/g	15.4	6.64	14.6	0.543 U	0.721 U	1.34 J	0.35 U	0.679 U	0.63 U	17.4	5.79
PCB-030	pg/g	0.584 U	0.881 U	0.92 U	0.785 U	0.788 U	1.1 U	0.635 U	0.669 U	1.32 U	0.671 U	0.997 U
PCB-031	pg/g	1600	713	1700	64.7	61.4	78.2	75.9	201	147	1980	645
PCB-032	pg/g	396	209	348	8.94	9.42	15.7	16.3	46.5	33.1	599	210
PCB-033	pg/g	C020	C020	C020	C020	C020	C020	C020	C020	C020	C020	C020
PCB-034	pg/g	9.9	4.46	10.7	0.62 U	0.823 U	0.499 U	0.4 U	0.76 U	0.705 U	12.3	4.31
PCB-035	pg/g	21.8	8.33	21.9	0.646 U	2.59 J	7.11	3.18 J	9.81	4	34.5	15.8
PCB-036	pg/g	0.701 U	0.589 U	0.996 U	0.569 U	0.756 U	0.458 U	0.367 U	0.732 U	0.679 U	0.829 U	0.774 U
PCB-037	pg/g	344	110	300	23.5	26.5	47	29.3	77.9	42.4	700	237
PCB-038	pg/g	11.6	6.71	12.9	0.567 U	1.57 J	0.457 U	0.366 U	0.705 U	0.654 U	16.5	5.8
PCB-039	pg/g	0.702 U	0.591 U	0.998 U	0.583 U	0.774 U	0.469 U	0.376 U	0.734 U	0.681 U	0.831 U	0.775 U
PCB-040	pg/g	197	93	187	8.16	8.77	18.6	15.7	57.2	29.7	322	115
PCB-041	pg/g	942 C	453 C	907 C	50.5 C	55.5 C	125 C	92.8 C	340 C	173 C	1520 C	567 C
PCB-042	pg/g	421 C	209 C	410 C	22.6 C	26.3 C	37.8 C	39.5 C	140 C	73.4 C	665 C	246 C
PCB-043	pg/g	1060 C	507 C	1060 C	91.7 C	89.6 C	195 C	148 C	543 C	281 C	1740 C	611 C
PCB-044	pg/g	1090	505	1060	80.1	77.6	252	137	556	266	1780	622
PCB-045	pg/g	205	99.6	189	6.25	6.49	9.56	11.1	41.3	21.9	329	115
PCB-046	pg/g	81.1	40.9	77.9	2.58 J	2.3 J	3.87 J	4.32	17.1	9.61	132	47.5

**Table 7**  
**Analytical Results for PCB Congeners in Bulk Sediment<sup>1</sup>**

<i>SampleID</i>	<i>LDW-Y2-SC-ENR+AC-CB-CORE</i>	<i>LDW-Y2-SC-ENR+AC-CC-CORE</i>	<i>LDW-Y2-SC-ENR+AC-CAD-CORE</i>	<i>LDW-Y2-IN-ENR-CA-CORE</i>	<i>LDW-Y2-IN-ENR-CB-CORE</i>	<i>LDW-Y2-IN-ENR-CE-CORE</i>	<i>LDW-Y2-IN-ENR+AC-CA-CORE</i>	<i>LDW-Y2-IN-ENR+AC-CB-CORE</i>	<i>LDW-Y2-IN-ENR+AC-CC-CORE</i>	<i>LDW-Y2-SC-ENR-SS</i>	<i>LDW-Y2-SC-ENR+AC-SS</i>	
<i>UseDate</i>	7/2/2019	7/2/2019	7/2/2019	6/26/2019	6/26/2019	6/26/2019	6/26/2019	7/2/2019	6/26/2019	6/22/2019	6/26/2019	
<i>Plot</i>	Scour	Scour	Scour	Intertidal	Intertidal	Intertidal	Intertidal	Intertidal	Intertidal	Scour	Scour	
<i>SubPlot</i>	ENR+AC	ENR+AC	ENR+AC	ENR	ENR	ENR	ENR+AC	ENR+AC	ENR+AC	ENR	ENR+AC	
<b>Polychlorinated Biphenyls (PCBs)</b>												
PCBs (Total, Congeners)	pg/g	49900	20700	52500	6000	5650	17500	8930	30000	15100	86700	28800
PCB-047	pg/g	384	186	358	36.3	36.1	53.8	51.4	153	83.7	587	218
PCB-048	pg/g	253 C	129 C	258 C	10.5 C	10.4 C	17 C	16.4 C	69.2 C	37.5 C	397 C	162 C
PCB-049	pg/g	C043	C043	C043	C043	C043	C043	C043	C043	C043	C043	C043
PCB-050	pg/g	2.38 J	2.84 J	4.92	0.481 U	0.673 U	0.672 U	0.395 U	1.79 J	0.966 U	8.07	2.69 J
PCB-051	pg/g	66.7	32.5	62.4	3.88 J	3.58 J	3.79 J	4.17	14.9	8.17	98.5	36.2
PCB-052	pg/g	1440 C	619 C	1410 C	164 C	143 C	510 C	259 C	1020 C	496 C	2390 C	802 C
PCB-053	pg/g	191	91.7	176	8.03	8.67	16.9	15.3	58.5	29.3	307	105
PCB-054	pg/g	3.02 J	2.08 J	4.11	0.377 U	0.528 U	0.527 U	0.31 U	2.68 J	0.703 U	6.69	2.38 J
PCB-055	pg/g	42.3	16	37.1	4.28	4.78	7.67	4.86	19.9	9.97	56.4	26.8
PCB-056	pg/g	960 C	403 C	972 C	56.4 C	55.3 C	115 C	74.4 C	246 C	130 C	1310 C	506 C
PCB-057	pg/g	10	4.6	10.2	1.94 J	2.16 J	2.09 J	1.94 J	8.41	3.8 J	15.8	6.52
PCB-058	pg/g	4.33	1.41 J	4.7	0.846 J	0.546 U	0.546 U	0.321 U	3.18 J	1.81 J	6.77	2.48 J
PCB-059	pg/g	C042	C042	C042	C042	C042	C042	C042	C042	C042	C042	C042
PCB-060	pg/g	C056	C056	C056	C056	C056	C056	C056	C056	C056	C056	C056
PCB-061	pg/g	1640 C	610 C	1540 C	143 C	116 C	390 C	183 C	703 C	330 C	2920 C	1000 C
PCB-062	pg/g	0.888 U	0.553 U	0.681 U	0.411 U	0.575 U	0.574 U	0.338 U	0.828 U	0.802 U	0.743 U	0.827 U
PCB-063	pg/g	57.8	23.1	54.9	4.22	3.74 J	6.96	5	19.4	9.69	93.4	35.3
PCB-064	pg/g	C041	C041	C041	C041	C041	C041	C041	C041	C041	C041	C041
PCB-065	pg/g	0.936 U	0.583 U	0.718 U	0.396 U	0.554 U	0.553 U	0.325 U	0.873 U	0.845 U	0.783 U	0.871 U
PCB-066	pg/g	1420 C	521 C	1340 C	106 C	94.5 C	208 C	135 C	505 C	261 C	2490 C	869 C
PCB-067	pg/g	59.6	23.3	54.6	5.51	5.01	5.46	5.5	20.3	12.7	97.9	37.2
PCB-068	pg/g	9.18	5.52	8.73	3.22 J	4.75	4	2.98 J	9	4.6	13.2	4.7
PCB-069	pg/g	C052	C052	C052	C052	C052	C052	C052	C052	C052	C052	C052
PCB-070	pg/g	C061	C061	C061	C061	C061	C061	C061	C061	C061	C061	C061
PCB-071	pg/g	C041	C041	C041	C041	C041	C041	C041	C041	C041	C041	C041
PCB-072	pg/g	C041	C041	C041	C041	C041	C041	C041	C041	C041	C041	C041
PCB-073	pg/g	0.851 U	0.529 U	0.653 U	0.395 U	0.553 U	0.553 U	0.325 U	0.794 U	0.768 U	0.712 U	0.792 U
PCB-074	pg/g	688	260	649	48.4	41.4	106	59.3	223	113	1230	435
PCB-075	pg/g	C048	C048	C048	C048	C048	C048	C048	C048	C048	C048	C048
PCB-076	pg/g	C066	C066	C066	C066	C066	C066	C066	C066	C066	C066	C066
PCB-077	pg/g	124	38.2	113	18.8	18.2	52.6	20.7	68	31.9	242	86.7
PCB-078	pg/g	8.32	3.62 J	8.28	1.51 J	1.6 J	4.34	2 J	10.4	3.92 J	12.1	3.66 J
PCB-079	pg/g	28.3	13.5	35.5	4.71	5.93	14.8	6.63	29.6	13.8	41.5	14.7
PCB-080	pg/g	0.767 U	0.477 U	0.594 U	0.341 U	0.477 U	0.477 U	0.28 U	0.715 U	0.692 U	0.642 U	0.714 U
PCB-081	pg/g	42.4	17.6	49	7.88	6.64	27.2	10.4	45.9	20	68.6	21.9
PCB-082	pg/g	202	81.7	202	36.3	33.2	130	53.7	198	100	365	126
PCB-083	pg/g	70.5 C	29.3 C	70.4 C	15.4 C	14.3 C	47.9 C	21.7 C	74.2 C	35.7 C	125 C	42.2 C
PCB-084	pg/g	622 C	258 C	624 C	124 C	110 C	432 C	186 C	671 C	297 C	1130 C	361 C
PCB-085	pg/g	235 C	101 C	239 C	49.2 C	43.5 C	164 C	75.1 C	242 C	118 C	438 C	151 C
PCB-086	pg/g	13.3	5.07	11.2	0.944 U	1.33 U	0.933 U	0.819 U	0.897 U	0.847 U	1.06 U	6.42
PCB-087	pg/g	599 C	244 C	600 C	124 C	103 C	477 C	178 C	641 C	302 C	1100 C	350 C
PCB-088	pg/g	269 C	107 C	271 C	43.1 C	36.1 C	113 C	54.7 C	220 C	99.1 C	491 C	167 C
PCB-089	pg/g	22	9.31	22.5	2.79 J	3.04 J	10.3	4.5	14.5	7.17	38.3	12.8
PCB-090	pg/g	1740 C	726 C	1790 C	306 C	264 C	1200 C	469 C	1630 C	754 C	3170 C	1000 C
PCB-091	pg/g	C088	C088	C088	C088	C088	C088	C088	C088	C088	C088	C088
PCB-092	pg/g	C084	C084	C084	C084	C084	C084	C084	C084	C084	C084	C084
PCB-093	pg/g	0.598 U	0.41 U	0.878 U	0.585 U	0.78 U	0.601 U	0.349 U	0.84 U	0.693 U	0.54 U	0.456 U

**Table 7**  
**Analytical Results for PCB Congeners in Bulk Sediment<sup>1</sup>**

<i>SamplID</i>	<i>LDW-Y2-SC-ENR+AC-CB-CORE</i>	<i>LDW-Y2-SC-ENR+AC-CC-CORE</i>	<i>LDW-Y2-SC-ENR+AC-CAD-CORE</i>	<i>LDW-Y2-IN-ENR-CA-CORE</i>	<i>LDW-Y2-IN-ENR-CB-CORE</i>	<i>LDW-Y2-IN-ENR-CE-CORE</i>	<i>LDW-Y2-IN-ENR+AC-CA-CORE</i>	<i>LDW-Y2-IN-ENR+AC-CB-CORE</i>	<i>LDW-Y2-IN-ENR+AC-CC-CORE</i>	<i>LDW-Y2-SC-ENR-SS</i>	<i>LDW-Y2-SC-ENR+AC-SS</i>	
<i>UseDate</i>	7/2/2019	7/2/2019	7/2/2019	6/26/2019	6/26/2019	6/26/2019	6/26/2019	7/2/2019	6/26/2019	6/22/2019	6/26/2019	
<i>Plot</i>	Scour	Scour	Scour	Intertidal	Intertidal	Intertidal	Intertidal	Intertidal	Intertidal	Scour	Scour	
<i>SubPlot</i>	ENR+AC	ENR+AC	ENR+AC	ENR	ENR	ENR	ENR+AC	ENR+AC	ENR+AC	ENR	ENR+AC	
<b>Polychlorinated Biphenyls (PCBs)</b>												
PCBs (Total, Congeners)	pg/g	49900	20700	52500	6000	5650	17500	8930	30000	15100	86700	28800
PCB-094	pg/g	10.6	4.79	11.8	1.8 J	1.67 J	4.08	1.69 J	7.3	3.35 J	18.6	6.64
PCB-095	pg/g	1580	115	1630	290	228	847	368	1360	617	2900	908
PCB-096	pg/g	13.2	5.38	12.7	1.56 J	1.68 J	4.58	2.3 J	7.86	4.26	23.7	8.14
PCB-097	pg/g	518	213	528	100	93.8	372	155	545	253	943	311
PCB-098	pg/g	0.674 UC	0.463 UC	0.991 UC	0.542 UC	0.722 UC	0.556 UC	0.323 UC	0.948 UC	0.782 UC	0.609 UC	0.515 UC
PCB-099	pg/g	723	320	766	142	140	478	227	717	347	1330	431
PCB-100	pg/g	14.5	7.38	18.3	1.87 J	1.81 J	3.08 J	2.5 J	8.62	4.18	28.9	10
PCB-101	pg/g	C090	C090	C090	C090	C090	C090	C090	C090	C090	C090	C090
PCB-102	pg/g	U,C098	U,C098	U,C098	U,C098	U,C098	U,C098	U,C098	U,C098	U,C098	U,C098	U,C098
PCB-103	pg/g	29.8	13	32.4	3.43 J	3.7 J	6.77	4.79	15.4	8.25	55.4	19.4
PCB-104	pg/g	0.423 U	0.291 U	0.622 U	0.379 U	0.505 U	0.389 U	0.226 U	0.595 U	0.491 U	0.382 U	0.323 U
PCB-105	pg/g	575	209	584	147	117	461	183	545	321	1050	345
PCB-106	pg/g	1420 C	522 C	1430 C	371 C	315 C	1230 C	479 C	1460 C	837 C	2750 C	870 C
PCB-107	pg/g	101 C	41 C	106 C	28.1 C	26 C	84.2 C	36.7 C	109 C	58.8 C	190 C	60.5 C
PCB-108	pg/g	C107	C107	C107	C107	C107	C107	C107	C107	C107	C107	C107
PCB-109	pg/g	0.536 U	0.617 U	0.838 U	0.72 U	1.01 U	0.712 U	0.625 U	0.656 U	0.62 U	0.775 U	0.58 U
PCB-110	pg/g	1680	671	1700	385	338	1290	569	1890	926	3130	1000
PCB-111	pg/g	35.6 C	14.8 C	43.7 C	6.63 C	4.92 C	24.2 C	9.54 C	34.3 C	15 C	60.6 C	21 C
PCB-112	pg/g	C083	C083	C083	C083	C083	C083	C083	C083	C083	C083	C083
PCB-113	pg/g	0.569 U	0.654 U	0.888 U	0.717 U	1.01 U	0.709 U	0.622 U	0.696 U	0.657 U	0.822 U	0.616 U
PCB-114	pg/g	40.4	15.9	44.6	9.23	7.28	34.4	11.5	36.8	19.9	72.1	24.8
PCB-115	pg/g	C111	C111	C111	C111	C111	C111	C111	C111	C111	C111	C111
PCB-116	pg/g	C085	C085	C085	C085	C085	C085	C085	C085	C085	C085	C085
PCB-117	pg/g	C087	C087	C087	C087	C087	C087	C087	C087	C087	C087	C087
PCB-118	pg/g	C106	C106	C106	C106	C106	C106	C106	C106	C106	C106	C106
PCB-119	pg/g	43.1	19.5	45.7	8.52	9.49	19.5	12.8	40	20.6	82.7	27.4
PCB-120	pg/g	8.63	3.58 J	10.5	0.647 U	2.31 J	0.64 U	1.88 J	7.14	3.22 J	17	5.42
PCB-121	pg/g	0.523 U	0.359 U	0.768 U	0.447 U	0.596 U	0.458 U	0.267 U	0.735 U	0.606 U	0.472 U	0.399 U
PCB-122	pg/g	19.3	8.42	21.4	5.98	4.41	16.4	6.96	22	10.9	37	13.7
PCB-123	pg/g	30.9	9.95	32.5	8.34	7.74	25.7	10.5	30.7	17.1	49.1	21.1
PCB-124	pg/g	78.5	30.2	78.3	16.9	13.9	58.8	21.3	82.3	41	146	46.8
PCB-125	pg/g	C087	C087	C087	C087	C087	C087	C087	C087	C087	C087	C087
PCB-126	pg/g	10.8	4.2	11.5	3.78 J	3.54 J	13.9	4.36	15.7	7.17	20.5	7.04
PCB-127	pg/g	0.71 U	0.828 U	0.962 U	0.871 U	1.62 U	0.806 U	0.888 U	0.929 U	0.802 U	0.709 U	0.686 U
PCB-128	pg/g	332 C	130 C	362 C	74.5 C	65.8 C	228 C	111 C	379 C	213 C	606 C	197 C
PCB-129	pg/g	97.5	36.2	104	20.3	19.5	79.3	29.4	122	64.1	167	52.4
PCB-130	pg/g	137	57.9	147	30.7	27.6	87.1	38.9	159	75.5	260	86.1
PCB-131	pg/g	65.5 C	26.9 C	71.3 C	10.8 C	10.3 C	36.6 C	15.7 C	64.2 C	32.5 C	119 C	38.9 C
PCB-132	pg/g	563 C	211 C	651 C	88 C	82.4 C	343 C	150 C	545 C	303 C	951 C	305 C
PCB-133	pg/g	C131	C131	C131	C131	C131	C131	C131	C131	C131	C131	C131
PCB-134	pg/g	116 C	44.9 C	126 C	19.1 C	16.7 C	65.2 C	28.5 C	116 C	59.3 C	201 C	65 C
PCB-135	pg/g	271	115	295	39.7	39.4	125	61.9	250	104	485	157
PCB-136	pg/g	311	133	349	54.3	48.8	161	75.7	238	106	590	195
PCB-137	pg/g	101	36	114	21.7	18.8	85.8	36.4	123	74.6	159	49
PCB-138	pg/g	2230 C	914 C	2550 C	366 C	336 C	1160 C	556 C	2060 C	1080 C	4160 C	1330 C
PCB-139	pg/g	1680 C	691 C	1960 C	216 C	208 C	673 C	325 C	1310 C	591 C	3100 C	976 C
PCB-140	pg/g	18.5	6.33	17.8	2.15 J	3.17 J	7.13	4	15.3	7.47	27.8	9.9

**Table 7**  
**Analytical Results for PCB Congeners in Bulk Sediment<sup>1</sup>**

<i>SamplID</i>	<i>LDW-Y2-SC-ENR+AC-CB-CORE</i>	<i>LDW-Y2-SC-ENR+AC-CC-CORE</i>	<i>LDW-Y2-SC-ENR+AC-CAD-CORE</i>	<i>LDW-Y2-IN-ENR-CA-CORE</i>	<i>LDW-Y2-IN-ENR-CB-CORE</i>	<i>LDW-Y2-IN-ENR-CE-CORE</i>	<i>LDW-Y2-IN-ENR+AC-CA-CORE</i>	<i>LDW-Y2-IN-ENR+AC-CB-CORE</i>	<i>LDW-Y2-IN-ENR+AC-CC-CORE</i>	<i>LDW-Y2-SC-ENR-SS</i>	<i>LDW-Y2-SC-ENR+AC-SS</i>	
<i>UseDate</i>	7/2/2019	7/2/2019	7/2/2019	6/26/2019	6/26/2019	6/26/2019	6/26/2019	7/2/2019	6/26/2019	6/22/2019	6/26/2019	
<i>Plot</i>	Scour	Scour	Scour	Intertidal	Intertidal	Intertidal	Intertidal	Intertidal	Intertidal	Scour	Scour	
<i>SubPlot</i>	ENR+AC	ENR+AC	ENR+AC	ENR	ENR	ENR	ENR+AC	ENR+AC	ENR+AC	ENR	ENR+AC	
<b>Polychlorinated Biphenyls (PCBs)</b>												
PCBs (Total, Congeners)	pg/g	49900	20700	52500	6000	5650	17500	8930	30000	15100	86700	28800
PCB-141	pg/g	385	157	447	56.7	54.4	189	83.2	329	168	700	220
PCB-142	pg/g	1 U	0.857 U	0.975 U	0.726 U	0.957 U	0.76 U	0.719 U	1.01 U	0.996 U	1.02 U	0.818 U
PCB-143	pg/g	C134	C134	C134	C134	C134	C134	C134	C134	C134	C134	C134
PCB-144	pg/g	98	43.5	138	11	9.87	46.4	14.5	71.6	39.2	192	61.5
PCB-145	pg/g	1.27 J	0.318 U	0.648 U	0.3 U	0.438 U	0.224 U	0.212 U	0.995 U	0.438 U	1.71 J	0.323 U
PCB-146	pg/g	287 C	122 C	332 C	41.8 C	41.4 C	128 C	64.3 C	234 C	114 C	537 C	172 C
PCB-147	pg/g	39.8	16.7	43.8	7.19	7.02	24.3	11.7	43.7	21.1	76	24
PCB-148	pg/g	0.624 U	0.473 U	0.964 U	0.375 U	0.549 U	0.28 U	0.265 U	1.48 U	0.652 U	0.557 U	0.481 U
PCB-149	pg/g	C139	C139	C139	C139	C139	C139	C139	C139	C139	C139	C139
PCB-150	pg/g	7.57	3.79 J	8.57	0.293 U	1.22 J	1.88 J	1.47 J	5.01	1.52 J	13.6	5.07
PCB-151	pg/g	453	200	547	54.1	53.7	149	79.8	306	139	864	278
PCB-152	pg/g	2.61 J	1.09 J	2.56 J	0.302 U	0.442 U	1.7 J	0.213 U	2.32 J	1.15 J	3.97 J	1.44 J
PCB-153	pg/g	2080	887	2380	263	262	788	393	1530	737	4000	1280
PCB-154	pg/g	52.3	23.5	61	6.29	6.94	12.5	9.59	30.2	13.6	103	35.2
PCB-155	pg/g	0.375 U	0.284 U	0.579 U	0.266 U	0.389 U	0.199 U	0.188 U	0.889 U	0.392 U	1.42 J	0.289 U
PCB-156	pg/g	211	75.1	222	49.6	44	156	67.9	217	124	397	128
PCB-157	pg/g	47.6	16.6	47.8	14	11.7	40.6	20	58.6	33.3	85.5	27.8
PCB-158	pg/g	237 C	92.1 C	265 C	44 C	41.1 C	153 C	67.1 C	243 C	131 C	402 C	132 C
PCB-159	pg/g	30.6	13.1	36.6	3.19 J	3.64 J	4.13	4.88	15.2	7.51	51.9	16.5
PCB-160	pg/g	C158	C158	C158	C158	C158	C158	C158	C158	C158	C158	C158
PCB-161	pg/g	C132	C132	C132	C132	C132	C132	C132	C132	C132	C132	C132
PCB-162	pg/g	C128	C128	C128	C128	C128	C128	C128	C128	C128	C128	C128
PCB-163	pg/g	C138	C138	C138	C138	C138	C138	C138	C138	C138	C138	C138
PCB-164	pg/g	C138	C138	C138	C138	C138	C138	C138	C138	C138	C138	C138
PCB-165	pg/g	C146	C146	C146	C146	C146	C146	C146	C146	C146	C146	C146
PCB-166	pg/g	8	2.5 J	8.41	2.29 J	2.11 J	7.23	2.66 J	8.49	6.01	12.9	4.88
PCB-167	pg/g	87	30.5	92.5	20.9	20.4	67.8	29.4	89.8	53	162	55.1
PCB-168	pg/g	0.679 U	0.582 U	0.662 U	0.529 U	0.698 U	0.554 U	0.524 U	0.683 U	0.676 U	0.694 U	0.555 U
PCB-169	pg/g	0.779 U	0.736 U	0.78 U	0.587 U	0.723 U	0.604 U	0.495 U	0.749 U	0.724 U	0.757 U	0.602 U
PCB-170	pg/g	750	288	819	102	99.9	197	165	397	194	1460	497
PCB-171	pg/g	212	85.5	237	24.9	25.1	53.2	36.9	107	56.1	416	145
PCB-172	pg/g	125	50.4	144	15.6	16.3	29.7	24.7	68.2	31.1	241	84
PCB-173	pg/g	16.2	6.12	14.2	2.33 J	2.69 J	5.38	2.86 J	8.67	5.02	31.1	9.99
PCB-174	pg/g	658	262	749	67.6	78	141	117	338	162	1350	442
PCB-175	pg/g	30	12.9	35.9	3.45 J	4.02	6.84	5.34	16.7	7.97	59.5	23
PCB-176	pg/g	96.7	40.8	114	8.85	9.29	18.1	14.2	45.9	21.9	195	67
PCB-177	pg/g	438	179	506	47.1	52.6	92.6	79.9	224	111	916	312
PCB-178	pg/g	150	63.5	168	14.2	17	25	24.8	71.3	35.8	303	101
PCB-179	pg/g	283	119	328	26.7	29.3	48.3	45	143	64.5	585	196
PCB-180	pg/g	1730	681	1920	189	221	329	315	845	413	3380	1110
PCB-181	pg/g	0.788 U	0.497 U	0.967 U	0.591 U	0.88 U	0.685 U	0.5 U	1.4 U	0.923 U	0.981 U	0.859 U
PCB-182	pg/g	883 C	359 C	994 C	80.9 C	91.1 C	137 C	139 C	390 C	182 C	1830 C	608 C
PCB-183	pg/g	455	191	503	43.7	46.5	83.5	69.9	198	102	921	312
PCB-184	pg/g	0.448 U	0.282 U	0.55 U	0.329 U	0.49 U	0.381 U	0.279 U	0.794 U	0.524 U	1.48 J	0.488 U
PCB-185	pg/g	84	34	95.3	7.47	9.27	15.1	13.5	39.5	19.1	171	57.5
PCB-186	pg/g	0.492 U	0.161 U	0.604 U	0.36 U	0.536 U	0.417 U	0.305 U	0.873 U	0.577 U	0.613 U	0.536 U
PCB-187	pg/g	C182	C182	C182	C182	C182	C182	C182	C182	C182	C182	C182

**Table 7  
Analytical Results for PCB Congeners in Bulk Sediment<sup>1</sup>**

<i>SampleID</i>	<i>LDW-Y2-SC-ENR+AC-CB-CORE</i>	<i>LDW-Y2-SC-ENR+AC-CC-CORE</i>	<i>LDW-Y2-SC-ENR+AC-CAD-CORE</i>	<i>LDW-Y2-IN-ENR-CA-CORE</i>	<i>LDW-Y2-IN-ENR-CB-CORE</i>	<i>LDW-Y2-IN-ENR-CE-CORE</i>	<i>LDW-Y2-IN-ENR+AC-CA-CORE</i>	<i>LDW-Y2-IN-ENR+AC-CB-CORE</i>	<i>LDW-Y2-IN-ENR+AC-CC-CORE</i>	<i>LDW-Y2-SC-ENR-SS</i>	<i>LDW-Y2-SC-ENR+AC-SS</i>	
<i>UseDate</i>	7/2/2019	7/2/2019	7/2/2019	6/26/2019	6/26/2019	6/26/2019	6/26/2019	7/2/2019	6/26/2019	6/22/2019	6/26/2019	
<i>Plot</i>	Scour	Scour	Scour	Intertidal	Intertidal	Intertidal	Intertidal	Intertidal	Intertidal	Scour	Scour	
<i>SubPlot</i>	ENR+AC	ENR+AC	ENR+AC	ENR	ENR	ENR	ENR+AC	ENR+AC	ENR+AC	ENR	ENR+AC	
<b>Polychlorinated Biphenyls (PCBs)</b>												
PCBs (Total, Congeners)	pg/g	49900	20700	52500	6000	5650	17500	8930	30000	15100	86700	28800
PCB-188	pg/g	1.77 J	0.891 J	2.03 J	0.416 U	0.641 U	0.492 U	0.388 U	2.5 J	0.644 U	4.63	1.61 J
PCB-189	pg/g	28.6	9.78	29.4	4.04	4.12	8.25	6.09	17.2	7.92	52	18.6
PCB-190	pg/g	153	60.3	176	20.6	23.7	39.5	34.5	78.9	41.3	305	107
PCB-191	pg/g	31	12.3	34	4.05	5.07	8.44	6.12	16.3	8.07	60.5	20.3
PCB-192	pg/g	0.591 U	0.373 U	0.725 U	0.463 U	0.69 U	0.537 U	0.392 U	1.05 U	0.692 U	0.736 U	0.644 U
PCB-193	pg/g	86.6	35.1	100	10.6	12.3	17.3	16.7	41.3	21	167	57.9
PCB-194	pg/g	363	139	405	37.5	39.9	46.9	63.3	171	85.3	670	227
PCB-195	pg/g	165	59.3	191	16.3	16.6	20.2	26.2	65.8	33.7	327	109
PCB-196	pg/g	402 C	163 C	503 C	47.1 C	55.3 C	56.1 C	83.5 C	210 C	95.7 C	807 C	281 C
PCB-197	pg/g	15.2	6.58	19	1.6 J	1.91 J	2 J	2.72 J	7.8	3.63 J	31.7	11.1
PCB-198	pg/g	21.7	7.99	20	3.03 J	3 J	2.95 J	4.68	9.95	6.29	41.5	13.3
PCB-199	pg/g	366	150	452	46.4	48.1	54.7	84.1	192	92.6	707	254
PCB-200	pg/g	44.7	19.2	53.1	4.77	5.94	6.46	8.81	22.8	9.98	88.2	30.8
PCB-201	pg/g	50.2	20.2	59.8	5.12	5.24	5.93	8.86	25.1	11.1	102	34.7
PCB-202	pg/g	76.9	34	90.7	8.09	9.5	9.81	14.6	39.9	17.8	162	52.5
PCB-203	pg/g	C196	C196	C196	C196	C196	C196	C196	C196	C196	C196	C196
PCB-204	pg/g	0.561 U	0.366 U	0.957 U	0.396 U	0.639 U	0.459 U	0.267 U	0.801 U	0.63 U	0.638 U	0.488 U
PCB-205	pg/g	18.9	7.6	23	2.04 J	2.84 J	2.9 J	3.47 J	10.8	4.55	37.1	13
PCB-206	pg/g	171	71.8	202	16.5	19.6	19.9	34.4	84.5	40.6	322	109
PCB-207	pg/g	22.7	9.52	26.2	2.35 J	2.08 J	2.34 J	3.92 J	10.7	5.23	41.3	14
PCB-208	pg/g	47.7	20	55.3	4.21	4.91	5.39	8.56	23.8	10.7	85.7	28.8
PCB-209	pg/g	68.7	28.9	104	8.12	9.97	7.77	18.8	83.6	29.7	127	45

**Notes:**

1. Results for scour and intertidal samples represent concentrations of material passing through the #4 sieve. Concentrations have not been corrected for the gravel fraction removed.

**Abbreviations:**

- C = Coelution with one or more PCB congeners; the numerical value indicates the lower congener co-eluter
- ENR = Enhanced natural recovery
- ENR+AC = Enhanced natural recovery amended with activated carbon
- J = Analyte concentration is below calibration range
- PCB = Polychlorinated biphenyl
- pg/g = picogram(s) per gram
- U = Not detected at the estimated detection limit



**Table 8  
Analytical Results for PCB Congeners in Porewater**

SampID	SampDate	LDW-Y2-SU-ENR-CA-S010	LDW-Y2-SU-ENR-CB-S010	LDW-Y2-SU-ENR-CC-S010	LDW-Y2-SU-ENR+AC-CA-S010	LDW-Y2-SU-ENR+AC-CB-S010	LDW-Y2-SU-ENR+AC-CC-S010	LDW-Y2-SC-ENR-CC-S010	LDW-Y2-SC-ENR-CD-S010	LDW-Y2-SC-ENR-CE-S010	LDW-Y2-SC-ENR+AC-CB-S010	LDW-Y2-SC-ENR+AC-CC-S010	
		6/24/2019	6/24/2019	6/24/2019	6/24/2019	6/24/2019	6/24/2019	6/24/2019	6/26/2019	6/26/2019	6/26/2019	6/26/2019	6/26/2019
		Subtidal ENR	Subtidal ENR	Subtidal ENR	Subtidal ENR+AC	Subtidal ENR+AC	Subtidal ENR+AC	Subtidal ENR+AC	Scour ENR	Scour ENR	Scour ENR	Scour ENR+AC	Scour ENR+AC
<b>Polychlorinated Biphenyls (PCBs)</b>													
PCBs (Total, Congeners)	pg/L	13000	23000	13000	15000	9800	18000	7300	5100	7800	5100	3400	
PCB-001	pg/L	29 J	57	29 J	20 J	32 J	37	15 J	15 J	23 J	U	U	
PCB-002	pg/L	U	2.1 J	U	U	U	U	U	U	U	U	U	
PCB-003	pg/L	2.7 J	3.5 J	3.7 J	U	U	U	U	1.7 J	2.7 J	U	U	
PCB-004	pg/L	380	760	460	240	300	890	220	160	310	84	120	
PCB-005	pg/L	U	U	U	U	U	U	U	U	U	U	U	
PCB-006	pg/L	130	440	140	75	110	200	79	45	100	32	52	
PCB-007	pg/L	21	40	27	17	14	40	19	10	23	4.9 J	U	
PCB-008	pg/L	580	920	610	290	310	670	410	240	560	150	230	
PCB-009	pg/L	33	65	31	20	23	40	25	15	33	9.1 J	U	
PCB-010	pg/L	25	62	27	23	20	57	20 J	20	24	U	U	
PCB-011	pg/L	8.3	14	1	11	U B	2.8	U B	3.5	0.62	0.38	U	
PCB-012	pg/L	7.7	14	7	3.3 J	4.9 J	3.6 J	U	3.1 J	5.5	U	U	
PCB-013	pg/L	6	14	10	3.6	3.7 J	6	U	3.3 J	5.4	U	U	
PCB-014	pg/L	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	
PCB-015	pg/L	95	100	110	45	39	36	75	50	95	32	25	
PCB-016	pg/L	370	670	470	320	240	660	250	170	270	190	120	
PCB-017	pg/L	550	1100	640	520	420	980	370	190	370	240	170	
PCB-018	pg/L	1400	2700	1500	1200	1000	2600	860	460	950	550	420	
PCB-019	pg/L	230	330	240	130	150	400	120	88	170	56	70	
PCB-020	pg/L	420 C	660 C	520 C	490 C	260 C	530 C	400 C	180 C	280 C	260 C	160 C	
PCB-021	pg/L	C020	C020	C020	C020	C020	C020	C020	C020	C020	C020	C020	
PCB-022	pg/L	210	340	270	240	130	250	190	89	140	130	81	
PCB-023	pg/L	1.3 J	2.9 J	1.8 J	1.6 J	U	2.2 J	1.9 J	0.66 J	U	1.3 J	U	
PCB-024	pg/L	70	91	60	45	44	90	46	28	52	27	20	
PCB-025	pg/L	78	190	93	79	65	100	62	32	48	39	27	
PCB-026	pg/L	140	370	170	160	120	210	110	54	86	74	46	
PCB-027	pg/L	52	99	73	47	38	87	35	22	38	21	21	
PCB-028	pg/L	590	960	790	640	370	690	510	250	390	340	230	
PCB-029	pg/L	5.8	9	8.1	8.2	3.6 J	7.5	6.4	2.5 J	4.2	4.3 J	2.5 J	
PCB-030	pg/L	U	U	U	U	U	U	U	U	U	U	U	
PCB-031	pg/L	680	1200	770	770	440	900	570	280	430	340	200	
PCB-032	pg/L	430	720	460	340	310	640	260	130	270	150	140	
PCB-033	pg/L	C020	C020	C020	C020	C020	C020	C020	C020	C020	C020	C020	
PCB-034	pg/L	4.5	15	6.5	5.6	5	8.5	2.9 J	1.5 J	2.4 J	2 J	U	
PCB-035	pg/L	5	6.7	7	4.2	2.5 J	3.9	4.8	2.5 J	3.8	4.2 J	2.7 J	
PCB-036	pg/L	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	
PCB-037	pg/L	82	110	100	98	43	61	79	42	58	48	28	
PCB-038	pg/L	3.3	5.2	2.9 J	3.9	2.5 J	4.6	1.9 J	1.3 J	2 J	1.4 J	U	
PCB-039	pg/L	U	U	U	U	U	U	U	U	U	U	U	
PCB-040	pg/L	94	170	100	140	78	120	51	38	48	39	24	
PCB-041	pg/L	400 C	740 C	420 C	630 C	340 C	520 C	200 C	150 C	200 C	150 C	89 C	
PCB-042	pg/L	190 C	350 C	200 C	280 C	160 C	250 C	100 C	76 C	98 C	72 C	47 C	
PCB-043	pg/L	470 C	920 C	480 C	630 C	440 C	680 C	220 C	170 C	220 C	150 C	100 C	
PCB-044	pg/L	510	980	550	740	450	780	240	180	240	180	110	
PCB-045	pg/L	150	260	160	190	120	220	91	61	86	64	42	
PCB-046	pg/L	62	110	65	82	50	88	35	25	33	27	17	

**Table 8**  
**Analytical Results for PCB Congeners in Porewater**

SampID	SampDate	LDW-Y2-SU-ENR-CA-S010	LDW-Y2-SU-ENR-CB-S010	LDW-Y2-SU-ENR-CC-S010	LDW-Y2-SU-ENR+AC-CA-S010	LDW-Y2-SU-ENR+AC-CB-S010	LDW-Y2-SU-ENR+AC-CC-S010	LDW-Y2-SC-ENR-CC-S010	LDW-Y2-SC-ENR-CD-S010	LDW-Y2-SC-ENR-CE-S010	LDW-Y2-SC-ENR+AC-CB-S010	LDW-Y2-SC-ENR+AC-CC-S010	
		6/24/2019	6/24/2019	6/24/2019	6/24/2019	6/24/2019	6/24/2019	6/24/2019	6/26/2019	6/26/2019	6/26/2019	6/26/2019	6/26/2019
		Subtidal ENR	Subtidal ENR	Subtidal ENR	Subtidal ENR+AC	Subtidal ENR+AC	Subtidal ENR+AC	Subtidal ENR+AC	Scour ENR	Scour ENR	Scour ENR	Scour ENR+AC	Scour ENR+AC
<b>Polychlorinated Biphenyls (PCBs)</b>													
PCB-047	pg/L	170	290	160	200	140	210	72	58	73	50	36	
PCB-048	pg/L	120 C	210 C	120 C	190 C	100 C	150 C	67 C	46 C	63 C	49 C	28 C	
PCB-049	pg/L	C043	C043	C043	C043	C043	C043	C043	C043	C043	C043	C043	
PCB-050	pg/L	3.5	7	4.2	3.4	2.9	5.5	2.1 J	1.2 J	1.9 J	1.7 J	0.88 J	
PCB-051	pg/L	40	72	45	53	35	59	25	17	24	18	12	
PCB-052	pg/L	660 C	1300 C	650 C	840 C	630 C	1200 C	270 C	210 C	280 C	200 C	130 C	
PCB-053	pg/L	140	250	150	170	120	210	81	57	79	55	36	
PCB-054	pg/L	2.8 J	5.4	3.9	2.9	2.4 J	4.3	2.1 J	1.6 J	2.4 J	1.9 J	1.1 J	
PCB-055	pg/L	9.1	12	8.1	16	6.6	9.9	6.1	5.9	6.8	4.8	2.8	
PCB-056	pg/L	180 C	260 C	160 C	280 C	110 C	170 C	98 C	76 C	86 C	67 C	41 C	
PCB-057	pg/L	3.1	5.7	2.8	3.6	2.6	3	1.4 J	1.1 J	1.4 J	1.2 J	0.64 J	
PCB-058	pg/L	1.6 J	3.4	1.4 J	2.5	1.5 J	1.4 J	0.65 J	0.67 J	0.76 J	U	U	
PCB-059	pg/L	C042	C042	C042	C042	C042	C042	C042	C042	C042	C042	C042	
PCB-060	pg/L	C056	C056	C056	C056	C056	C056	C056	C056	C056	C056	C056	
PCB-061	pg/L	360 C	570 C	340 C	570 C	280 C	420 C	150 C	130 C	160 C	110 C	67 C	
PCB-062	pg/L	U	U	U	U	U	U	U	U	U	U	U	
PCB-063	pg/L	15	27	14	24	12	16	6.3	5.1	6.2	4.6	2.9	
PCB-064	pg/L	C041	C041	C041	C041	C041	C041	C041	C041	C041	C041	C041	
PCB-065	pg/L	U	U	U	U	U	U	U	U	U	U	U	
PCB-066	pg/L	290 C	440 C	260 C	430 C	210 C	280 C	130 C	110 C	150 C	98 C	59 C	
PCB-067	pg/L	14	22	13	22	11	13	6.5	5.4	6.9	4.7	3	
PCB-068	pg/L	3.9	7.4	5.1	6.3	4.3	4.5	1.8 J	1.3 J	2.1	2.5 J	0.91 J	
PCB-069	pg/L	C052	C052	C052	C052	C052	C052	C052	C052	C052	C052	C052	
PCB-070	pg/L	C061	C061	C061	C061	C061	C061	C061	C061	C061	C061	C061	
PCB-071	pg/L	C041	C041	C041	C041	C041	C041	C041	C041	C041	C041	C041	
PCB-072	pg/L	C041	C041	C041	C041	C041	C041	C041	C041	C041	C041	C041	
PCB-073	pg/L	U	U	U	U	U	U	5	3.3	3.8	2.5 J	2 J	
PCB-074	pg/L	170	260	150	250	120	160	69	60	74	52	31	
PCB-075	pg/L	C048	C048	C048	C048	C048	C048	C048	C048	C048	C048	C048	
PCB-076	pg/L	C066	C066	C066	C066	C066	C066	C066	C066	C066	C066	C066	
PCB-077	pg/L	15	20	13	25 L	8.3	11	6.6	6.4	7.8 L	5.9 L	2.9	
PCB-078	pg/L	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	
PCB-079	pg/L	2.3	4.3	3.1	3.4 L	2.4	3.8	1.2 J	1.6 J	1.6 J L	1.5 J L	0.86 J	
PCB-080	pg/L	U	U	U	U L	U	U	U	U	U L	U L	U	
PCB-081	pg/L	5.1	8.2	5.2	9.6 L	4.4	6.7	3.3	2.9	5 L	4.2 L	2.3	
PCB-082	pg/L	30 L	53	24 L	50 L	24 L	36	9	13 L	13 L	8.3 L	3.8	
PCB-083	pg/L	13 C L	23 C	10 C L	21 C L	11 C L	16 C	3.6 C	4.7 C L	5.2 C L	4.1 C L	1.9 C	
PCB-084	pg/L	130 C L	230 C	110 C L	190 C L	120 C	180 C	37 C	47 C L	54 C L	43 C L	22 C	
PCB-085	pg/L	33 C L	60 C	29 C L	55 C L	27 C L	40 C	10 C	15 C L	17 C L	11 C L	5.1 C	
PCB-086	pg/L	2.5 L	U	U L	U L	U L	1.6	1.1 J	1.2 J L	1.9 J L	U L	0.6 J	
PCB-087	pg/L	86 C L	160 C	73 C L	140 C L	73 C L	120 C	25 C	36 C L	41 C L	25 C L	11 C	
PCB-088	pg/L	U C	U C	U C	U C L	U C	U C	U C	U C	U C L	U C L	U C	
PCB-089	pg/L	5.8	11	5.7	9.9 L	5.3	7.6	2	2.1	2.2 J L	2.2 J L	1 J	

**Table 8**  
**Analytical Results for PCB Congeners in Porewater**

SampID	SampDate	LDW-Y2-SU-ENR-CA-S010	LDW-Y2-SU-ENR-CB-S010	LDW-Y2-SU-ENR-CC-S010	LDW-Y2-SU-ENR+AC-CA-S010	LDW-Y2-SU-ENR+AC-CB-S010	LDW-Y2-SU-ENR+AC-CC-S010	LDW-Y2-SC-ENR-CC-S010	LDW-Y2-SC-ENR-CD-S010	LDW-Y2-SC-ENR-CE-S010	LDW-Y2-SC-ENR+AC-CB-S010	LDW-Y2-SC-ENR+AC-CC-S010	
		6/24/2019	6/24/2019	6/24/2019	6/24/2019	6/24/2019	6/24/2019	6/24/2019	6/26/2019	6/26/2019	6/26/2019	6/26/2019	6/26/2019
		Subtidal ENR	Subtidal ENR	Subtidal ENR	Subtidal ENR+AC	Subtidal ENR+AC	Subtidal ENR+AC	Subtidal ENR+AC	Scour ENR	Scour ENR	Scour ENR	Scour ENR+AC	Scour ENR+AC
<b>Polychlorinated Biphenyls (PCBs)</b>													
PCB-090	pg/L	260 C L	460 C	220 C L	390 C L	230 C L	360 C	75 C	110 C L	120 C L	83 C L	38 C	
PCB-091	pg/L	C088	C088	C088	C088	C088	C088	C088	C088	C088	C088	C088	
PCB-092	pg/L	C084	C084	C084	C084	C084	C084	C084	C084	C084	C084	C084	
PCB-093	pg/L	U	U	U	U L	U	U	U	U	U L	U L	U	
PCB-094	pg/L	2.1	3.8	2.1	3.6 L	2	2.7	0.87 J	0.92 J	1.2 J L	1 J L	0.43 J	
PCB-095	pg/L	290	500	290	440 L	280	440	94	120	150 L	100 L	56	
PCB-096	pg/L	3.5 L	6.5	3.8 L	7.3 L	3.3	4.5	1.4 J	1.6 J L	1.9 J L	1.5 J L	0.78 J	
PCB-097	pg/L	79 L	140	66 L	5.9 L	66 L	100	22	33 L	36 L	22 L	10	
PCB-098	pg/L	U C	U C	U C	U C L	U C	U C	U C	U C	U C L	U C L	U C	
PCB-099	pg/L	100 L	180	89 L	160 L	92 L	120	32	45 L	50 L	33 L	14	
PCB-100	pg/L	2.2	2.9	2.4	3.3 L	2	1.9	1.5 J	1.7	1.9 L	1.6 J L	0.91 J	
PCB-101	pg/L	C090	C090	C090	C090	C090	C090	C090	C090	C090	C090	C090	
PCB-102	pg/L	C098	C098	C098	C098	C098	C098	C098	C098	C098	C098	C098	
PCB-103	pg/L	4.9	7.7	4.6	6.8 L	5.7	4.9	2.3	3	3.6 L	2.4 J L	1.2 J	
PCB-104	pg/L	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	
PCB-105	pg/L	40 L	66 L	32 L	81 L	32 L	46	11	19 L	20 L	16 L	5.9	
PCB-106	pg/L	100 C L	180 C L	90 C L	200 C L	94 C L	120 C	29 C	53 C L	54 C L	45 C L	16 C	
PCB-107	pg/L	8.4 C L	17 C L	7.5 C L	18 C L	8.2 C L	9.4 C	2.3 C	4 C L	4.5 C L	3.8 C L	1.3 C J	
PCB-108	pg/L	C107	C107	C107	C107	C107	C107	C107	C107	C107	C107	C107	
PCB-109	pg/L	U L	0.59 J	U L	U L	U L	0.25 J	U	U L	U L	U L	U	
PCB-110	pg/L	220 L	410	190 L	340 L	200 L	290	68	98 L	110 L	66 L	31	
PCB-111	pg/L	4.9 C L	6.4 C	3.9 C L	8.7 C L	3 C L	6 C	1.3 C J	2.1 C L	2.5 C L	1.4 C J L	0.49 C J	
PCB-112	pg/L	C083	C083	C083	C083	C083	C083	C083	C083	C083	C083	C083	
PCB-113	pg/L	U L	U	U L	U L	U L	U	U	U L	U L	U L	U	
PCB-114	pg/L	2.6 L	4.8 L	3 L	6.4 L	2.4 L	3.3	0.83 J	1.4 J L	1.5 J L	1.2 J L	0.51 J	
PCB-115	pg/L	C111	C111	C111	C111	C111	C111	C111	C111	C111	C111	C111	
PCB-116	pg/L	C085	C085	C085	C085	C085	C085	C085	C085	C085	C085	C085	
PCB-117	pg/L	C087	C087	C087	C087	C087	C087	C087	C087	C087	C087	C087	
PCB-118	pg/L	C106	C106	C106	C106	C106	C106	C106	C106	C106	C106	C106	
PCB-119	pg/L	6.2 L	11	5.7 L	9.8 L	6.4 L	6.3	2.1	3.3 L	3.4 L	2.6 J L	1.1 J	
PCB-120	pg/L	U L	1.3 L	U L	1.7 J L	0.73 J L	0.99	U	U L	U L	U L	U	
PCB-121	pg/L	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	
PCB-122	pg/L	1.4 L	2.6 L	1.5 L	3.8 L	1.3 J L	1.9	0.5 J	0.9 J L	0.91 J L	0.79 J L	U	
PCB-123	pg/L	2.6 L	4.5 L	2.2 L	5.2 L	1.8 L	2.6	0.69 J	1.2 J L	1.4 J L	1.1 J L	0.39 J	
PCB-124	pg/L	4.9 L	8.8 L	5.1 L	9.8 L	4.6 L	6	1.4	2.7 L	2.8 L	2.4 J L	0.82 J	
PCB-125	pg/L	C087	C087	C087	C087	C087	C087	C087	C087	C087	C087	C087	
PCB-126	pg/L	0.41 J L	0.78 J L	0.65 J L	1.2 J L	0.38 J L	0.48 J	U L	U L	U L	U L	U	
PCB-127	pg/L	U L	U L	U L	U L	U L	U	U L	U L	U L	U L	U	
PCB-128	pg/L	8.3 C L	20 C L	8.2 C L	30 C L	9.9 C L	9.2 C	2.3 C L	6.6 C L	6.1 C L	6.8 C L	1.4 C L	
PCB-129	pg/L	2.7 L	7.6 L	3.1 L	9.9 L	3.6 L	3.9	0.88 J L	2.4 L	2.3 L	2.6 J L	0.56 J	
PCB-130	pg/L	4 L	11 L	4.5 L	14 L	5.2 L	5	1.3 L	3.6 L	3.6 L	4 L	0.98	
PCB-131	pg/L	2.9 C L	5.5 C L	2.3 C L	6.4 C L	2.6 C L	3 C	0.86 C J L	2.1 C L	2.2 C L	2.2 C J L	0.52 C J	
PCB-132	pg/L	30 C L	52 C L	25 C L	86 C L	28 C L	28 C	6.9 C L	19 C L	19 C L	18 C L	4.8 C	
PCB-133	pg/L	C131	C131	C131	C131	C131	C131	C131	C131	C131	C131	C131	
PCB-134	pg/L	7 C L	13 C L	5.9 C L	18 C L	6.6 C L	7.7 C	2.1 C L	4.8 C L	4.7 C L	4.9 C L	1.3 C	
PCB-135	pg/L	16 L	31 L	16 L	43 L	18 L	18	4.8 L	12 L	13 L	10 L	2.9	
PCB-136	pg/L	16 L	33 L	15 L	56 L	19 L	18	5.8 L	15 L	15 L	13 L	2.9	
PCB-137	pg/L	3 L	6.5 L	2.9 L	11 L	3.1 L	3.5	0.91 L	2.2 L	2.1 L	2.2 J L	0.6 J	
PCB-138	pg/L	68 C L	140 C L	63 C L	210 C L	72 C L	69 C	20 C L	53 C L	51 C L	51 C L	13 C	
PCB-139	pg/L	84 C L	160 C L	84 C L	240 C L	89 C L	89 C	27 C L	66 C L	66 C L	62 C L	17 C	
PCB-140	pg/L	1 J L	1.8 L	0.95 J L	2.8 L	1.2 L	0.8	0.26 J L	U L	0.75 J L	0.84 J L	0.33 J	

**Table 8**  
**Analytical Results for PCB Congeners in Porewater**

SampID	SampDate	LDW-Y2-SU-ENR-CA-S010	LDW-Y2-SU-ENR-CB-S010	LDW-Y2-SU-ENR-CC-S010	LDW-Y2-SU-ENR+AC-CA-S010	LDW-Y2-SU-ENR+AC-CB-S010	LDW-Y2-SU-ENR+AC-CC-S010	LDW-Y2-SC-ENR-CC-S010	LDW-Y2-SC-ENR-CD-S010	LDW-Y2-SC-ENR-CE-S010	LDW-Y2-SC-ENR+AC-CB-S010	LDW-Y2-SC-ENR+AC-CC-S010	
		6/24/2019	6/24/2019	6/24/2019	6/24/2019	6/24/2019	6/24/2019	6/24/2019	6/26/2019	6/26/2019	6/26/2019	6/26/2019	6/26/2019
		Subtidal ENR	Subtidal ENR	Subtidal ENR	Subtidal ENR+AC	Subtidal ENR+AC	Subtidal ENR+AC	Subtidal ENR+AC	Scour ENR	Scour ENR	Scour ENR	Scour ENR+AC	Scour ENR+AC
<b>Polychlorinated Biphenyls (PCBs)</b>													
PCB-141	pg/L	13 L	28 L	13 L	43 L	14 L	14	3.9 L	10 L	10 L	9.4 L	1.9	
PCB-142	pg/L	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	
PCB-143	pg/L	C134	C134	C134	C134	C134	C134	C134	C134	C134	C134	C134	
PCB-144	pg/L	5.5 L	9.4 L	5 L	16 L	5 L	5.4	2 L	4.4 L	4.6 L	4.8 L	1.3	
PCB-145	pg/L	UL	UL	UL	UL	UL	U	UL	UL	UL	UL	U	
PCB-146	pg/L	14 C L	24 C L	12 C L	40 C L	16 C L	11 C	4.6 C L	11 C L	13 C L	12 C L	3.3 C	
PCB-147	pg/L	2.1 L	4.1 L	1.8 L	5.7 L	2.2 L	2.4	0.63 J L	1.8 L	1.8 L	1.6 J L	0.42 J	
PCB-148	pg/L	UL	UL	UL	UL	UL	U	UL	UL	UL	UL	U	
PCB-149	pg/L	C139	C139	C139	C139	C139	C139	C139	C139	C139	C139	C139	
PCB-150	pg/L	0.4 J L	0.56 J L	0.37 J L	1.3 J L	0.46 J L	0.26 J	UL	UL	UL	UL	U	
PCB-151	pg/L	28 L	48 L	25 L	77 L	30 L	28	11 L	23 L	24 L	19 L	5.8	
PCB-152	pg/L	UL	0.3 J L	UL	UL	UL	0.14 J	UL	UL	UL	UL	U	
PCB-153	pg/L	60 L	130 L	65 L	200 L	71 L	61	22 L	59 L	59 L	59 L	14	
PCB-154	pg/L	2 L	3.3 L	1.4 L	4.6 L	2.6 L	1.3	0.91 L	3.4 L	2.3 L	1.6 J L	0.4 J	
PCB-155	pg/L	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	
PCB-156	pg/L	4.3 L	9.8 L	3.9 L	16 L	4.6 L	4.3	1.2 L	3.3 L	3.2 L	3.3 J L	0.66 J L	
PCB-157	pg/L	1 L	2.3 L	1 L	4 L	0.79 J L	0.77	0.38 J L	0.81 J L	0.64 J L	1 J L	0.17 J L	
PCB-158	pg/L	7.4 C L	16 C L	7 C L	23 C L	7.4 C L	7.9 C	1.9 C L	4.9 C L	4.8 C L	5.1 C L	1.4 C	
PCB-159	pg/L	0.84 J L	0.93 L	0.89 L	3 L	0.98 L	0.49	0.44 J L	0.99 J L	0.98 J L	1.7 J L	0.28 J L	
PCB-160	pg/L	C158	C158	C158	C158	C158	C158	C158	C158	C158	C158	C158	
PCB-161	pg/L	C132	C132	C132	C132	C132	C132	C132	C132	C132	C132	C132	
PCB-162	pg/L	C128	C128	C128	C128	C128	C128	C128	C128	C128	C128	C128	
PCB-163	pg/L	C138	C138	C138	C138	C138	C138	C138	C138	C138	C138	C138	
PCB-164	pg/L	C138	C138	C138	C138	C138	C138	C138	C138	C138	C138	C138	
PCB-165	pg/L	C146	C146	C146	C146	C146	C146	C146	C146	C146	C146	C146	
PCB-166	pg/L	UL	UL	UL	UL	UL	0.38 J	UL	UL	UL	UL	U	
PCB-167	pg/L	1.9 L	4.1 L	1.4 L	7 L	1.7 L	1.7	0.6 J L	1.5 J L	1.5 L	1.8 J L	0.37 J L	
PCB-168	pg/L	UL	UL	UL	UL	UL	U	UL	UL	UL	UL	U	
PCB-169	pg/L	UL	UL	UL	UL	UL	U	UL	UL	UL	UL	UL	
PCB-170	pg/L	5.3 L	14 L	3.8 L	34 L	6.8 L	3.8 L	1.8 L	7.6 L	6.5 L	6.9 L	0.92 L	
PCB-171	pg/L	2.2 L	5.5 L	1.6 L	13 L	2.7 L	1.6	0.7 L	3 L	2.8 L	2.9 J L	0.47 J L	
PCB-172	pg/L	1.3 L	3 L	0.79 L	8.7 L	1.9 L	0.79 L	0.11 L	2.7 L	2.2 L	3.2 L	0.3 L	
PCB-173	pg/L	UL	0.61 J L	UL	UL	UL	0.18 J	UL	UL	UL	UL	UL	
PCB-174	pg/L	9 L	22 L	6.7 L	49 L	12 L	6.3	2.8 L	11 L	9.5 L	10 L	1.5 L	
PCB-175	pg/L	UL	1.1 L	0.44 J L	1.3 J L	0.5 J L	0.32	UL	UL	UL	UL	UL	
PCB-176	pg/L	1.4 L	3.5 L	1.2 L	8.9 L	1.7 L	0.95 L	0.45 J L	2.1 L	1.7 L	2.2 J L	0.28 J L	
PCB-177	pg/L	5.3 L	13 L	4 L	28 L	7.2 L	4	1.7 L	6.8 L	6 L	6.4 L	1 L	
PCB-178	pg/L	2.2 L	4.9 L	1.8 L	12 L	2.9 L	1.4	0.66 L	2.9 L	2.7 L	3.2 J L	0.47 J L	
PCB-179	pg/L	4.5 L	11 L	3.8 L	30 L	5.9 L	3.1 L	1.4 L	7 L	6.2 L	6.6 L	0.81 L	
PCB-180	pg/L	15 L	36 L	10 L	92 L	19 L	9.7 L	4.6 L	20 L	17 L	18 L	2.4 L	
PCB-181	pg/L	UL	UL	UL	UL	UL	U	UL	UL	0.49 J L	0.87 J L	UL	
PCB-182	pg/L	11 C L	26 C L	9.2 C L	62 C L	15 C L	7.6 C	3.5 C L	16 C L	13 C L	15 C L	2.1 C L	
PCB-183	pg/L	5.2 L	13 L	4 L	28 L	6.8 L	3.7	1.8 L	7.4 L	6.7 L	7.3 L	1.2 L	
PCB-184	pg/L	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	

**Table 8**  
**Analytical Results for PCB Congeners in Porewater**

SampID	SampDate	LDW-Y2-SU-ENR-CA-S010	LDW-Y2-SU-ENR-CB-S010	LDW-Y2-SU-ENR-CC-S010	LDW-Y2-SU-ENR+AC-CA-S010	LDW-Y2-SU-ENR+AC-CB-S010	LDW-Y2-SU-ENR+AC-CC-S010	LDW-Y2-SC-ENR-CC-S010	LDW-Y2-SC-ENR-CD-S010	LDW-Y2-SC-ENR-CE-S010	LDW-Y2-SC-ENR+AC-CB-S010	LDW-Y2-SC-ENR+AC-CC-S010	
		6/24/2019	6/24/2019	6/24/2019	6/24/2019	6/24/2019	6/24/2019	6/24/2019	6/26/2019	6/26/2019	6/26/2019	6/26/2019	6/26/2019
		Subtidal ENR	Subtidal ENR	Subtidal ENR	Subtidal ENR+AC	Subtidal ENR+AC	Subtidal ENR+AC	Subtidal ENR+AC	Scour ENR	Scour ENR	Scour ENR	Scour ENR+AC	Scour ENR+AC
<b>Polychlorinated Biphenyls (PCBs)</b>													
PCB-185	pg/L	1.2 L	2.6 L	0.88 L	6.3 L	1.3 L	0.75	0.43 J L	1.6 L	1.3 L	1.3 J L	0.26 J L	
PCB-186	pg/L	0.17 J L	U L	0.16 J L	U L	U L	U L	U L	U L	0.37 J L	U L	U L	
PCB-187	pg/L	C182	C182	C182	C182	C182	C182	C182	C182	C182	C182	C182	
PCB-188	pg/L	0.32 J L	0.39 J L	0.31 J L	2.2 J L	0.37 J L	0.099 J L	0.16 J L	0.75 J L	0.52 J L	1.7 J L	0.1 J L	
PCB-189	pg/L	0.2 J L	0.46 J L	0.23 J L	1.6 J L	0.26 J L	0.12 J L	U L	U L	U L	U L	U L	
PCB-190	pg/L	1.2 L	3 L	0.93 L	7.8 L	1.5 L	0.84 L	0.42 J L	1.7 L	1.4 L	2.1 J L	0.21 J L	
PCB-191	pg/L	U L	0.71 L	U L	1.3 J L	0.22 J L	0.21 L	U L	U L	U L	U L	U L	
PCB-192	pg/L	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	
PCB-193	pg/L	0.82 L	2.1 L	0.67 L	5 L	1.1 L	0.55 L	0.29 J L	1.3 J L	1.4 L	U L	U L	
PCB-194	pg/L	1.1 L	3.6 L	0.89 L	13 L	1.6 L	0.58 L	0.33 L	2 L	1.5 L	2 J L	0.17 J L	
PCB-195	pg/L	0.61 L	1.8 L	0.51 L	5.9 L	0.86 L	0.3 L	0.15 J L	1 J L	0.81 J L	1 J L	0.09 J L	
PCB-196	pg/L	1.7 C L	5.1 C L	1.3 C L	17 C L	2.5 C L	1 C L	0.6 C L	3.2 C L	2.7 C L	3.8 C L	0.29 C L	
PCB-197	pg/L	U B L	0.12 L	0.043 L	1.8 L	0.081 L	0.031 L	0.1 L	0.62 L	0.2 L	0.41 L	0.024 L	
PCB-198	pg/L	0.13 J L	0.27 J L	0.15 J L	1.1 J L	0.16 J L	0.05 J L	U L	U L	U L	U L	U L	
PCB-199	pg/L	1.5 L	4.2 L	1.1 L	18 L	2.4 L	0.79 L	0.55 L	3.3 L	2.3 L	3.2 J L	0.24 L	
PCB-200	pg/L	0.23 J L	0.64 L	0.2 J L	3.2 J L	0.3 J L	0.11 L	U L	U L	0.43 J L	U L	U L	
PCB-201	pg/L	0.25 J L	0.74 L	0.16 J L	U L	U L	0.14 L	U L	U L	U L	U L	U L	
PCB-202	pg/L	0.41 L	1.1 L	0.32 L	3.1 J L	0.6 L	0.21 L	0.15 J L	0.97 J L	0.72 J L	0.94 J L	0.076 J L	
PCB-203	pg/L	C196	C196	C196	C196	C196	C196	C196	C196	C196	C196	C196	
PCB-204	pg/L	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	
PCB-205	pg/L	0.098 J L	0.22 J L	0.2 J L	1 J L	0.11 J L	0.04 J L	U L	0.21 J L	U L	U L	U L	
PCB-206	pg/L	0.24 J L	0.77 L	0.22 L	4.3 J L	0.35 L	0.095 L	0.072 J L	0.7 J L	0.39 J L	U L	0.036 J L	
PCB-207	pg/L	0.068 L	0.076 L	0.052 L	0.87 L	0.083 L	0.0099 L	U B L	0.081 L	0.12 L	0.64 L	U B L	
PCB-208	pg/L	0.078 J L	0.24 J L	0.081 J L	1.9 J L	0.13 J L	0.029 J L	U L	0.3 J L	0.19 J L	U L	U L	
PCB-209	pg/L	0.046 L	0.12 L	0.053 L	3.6 L	0.067 L	0.0088 L	0.0077 L	0.14 L	0.068 L	0.7 L	U B L	

**Table 8  
Analytical Results for PCB Congeners in Porewater**

SampID	SampDate	LDW-Y2-SC-ENR+AC-CAD-S010	LDW-Y2-IN-ENR-CA-S010	LDW-Y2-IN-ENR-CB-S010	LDW-Y2-IN-ENR-CE-S010	LDW-Y2-IN-ENR+AC-CA-S010	LDW-Y2-IN-ENR+AC-CB-S010	LDW-Y2-IN-ENR+AC-CC-S010	LDW-Y2-SC-ENR-CC-SSWI	LDW-Y2-SC-ENR-CD-SSWI	LDW-Y2-SC-ENR-CE-SSWI
		6/26/2019 Scour ENR+AC	6/25/2019 Intertidal ENR	6/25/2019 Intertidal ENR	6/25/2019 Intertidal ENR	6/25/2019 Intertidal ENR+AC	6/25/2019 Intertidal ENR+AC	6/25/2019 Intertidal ENR+AC	6/25/2019 Intertidal ENR+AC	6/26/2019 Scour ENR	6/26/2019 Scour ENR
<b>Polychlorinated Biphenyls (PCBs)</b>											
PCBs (Total, Congeners)	pg/L	4700	670	2200	1100	790 J	1200	850	5600	5900	10000
PCB-001	pg/L	8.1 J	U	13 J	U	U R	U	U	38 J	35 J	51
PCB-002	pg/L	U	U	U	U	U R	U	U	U	U	U
PCB-003	pg/L	U	U	3.7 J	U	U R	U	U	U	3.7 J	5.7 J
PCB-004	pg/L	77	29	43	21	U R	17	13	420	370	550
PCB-005	pg/L	U	U	U	U	U R	U	U	U	U	U
PCB-006	pg/L	34	9.8	30	8.4	U R	7.3 J	5.9 J	110	110	170
PCB-007	pg/L	7.5 J	U	U	U	U R	U	U	33	21	30
PCB-008	pg/L	180	19	34	16	6.6 J	17	13	510	510	770
PCB-009	pg/L	11 J	U	U	U	U R	U	U	33	29	42
PCB-010	pg/L	8.2 J	U	U	16	U R	U	U	40 J	27	41
PCB-011	pg/L	U B	U B	0.32	U B	1.2 J	U B	U B	U	U B	U B
PCB-012	pg/L	U	U	U	U	U R	U	U	U	6.9	12
PCB-013	pg/L	U	U	4.3 J	U	U R	U	U	U	4.9 J	9.4
PCB-014	pg/L	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC
PCB-015	pg/L	36	6	10	6.3	2.6 J	4.3 J	3.2 J	66	83	170
PCB-016	pg/L	150	7.2	8.5	13	18 J	11	6.6	210	210	390
PCB-017	pg/L	180	15	17	15	34 J	18	12	280	290	520
PCB-018	pg/L	450	32	43	38	66 J	41	29	690	680	1300
PCB-019	pg/L	67	8	8.6	7.9	4.8 J	8.4	6	150	160	280
PCB-020	pg/L	170 C	11 C	13 C	11 C	5.8 C	13 C	11 C	230 C	250 C	460 C
PCB-021	pg/L	C020	C020	C020	C020	C020	C020	C020	C020	C020	C020
PCB-022	pg/L	85	6.3	7.6	7.6	3.7 J	8	6.8	120	130	240
PCB-023	pg/L	U	U	U	U	U J	U	U	U	0.91 J	1.3 J
PCB-024	pg/L	23	2.6 J	3.8 J	2 J	6.6 J	3 J	2.1 J	38	42	78
PCB-025	pg/L	29	5	8.9	6.2	2.1 J	6.5	4.9	43	45	79
PCB-026	pg/L	53	10	18	13	3.8 J	14	9.7	68	76	140
PCB-027	pg/L	20	2.9 J	2.9 J	3.5 J	4.3 J	2.8 J	2 J	31	34	70
PCB-028	pg/L	230	24	32	25	11 J	27	24	350	400	690
PCB-029	pg/L	3 J	U	U	U	U J	U	U	3.4 J	3.5 J	6
PCB-030	pg/L	U	U	U	U	U J	U	U	U	U	U
PCB-031	pg/L	220	20	29	22	11 J	28	28	320	340	620
PCB-032	pg/L	120	8.4	12	7.3	24 J	11	8.9	220	240	440
PCB-033	pg/L	C020	C020	C020	C020	C020	C020	C020	C020	C020	C020
PCB-034	pg/L	1.8 J	U	U	U	U J	U	U	3.2 J	2.8 J	4.4 J
PCB-035	pg/L	3 J	U	U	U	U J	U	U	2.7 J	3	6.4
PCB-036	pg/L	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC
PCB-037	pg/L	39	2.7	4.7	3.8	2 J	3.6	3.5	37	50	91
PCB-038	pg/L	U	U	U	U	U J	U	U	U	1.2 J	2.1 J
PCB-039	pg/L	U	U	U	U	U J	U	U	U	0.96 J	1.3 J
PCB-040	pg/L	38	4	6.6	6.1	6.9 J	6.3	4.7	30	38	61
PCB-041	pg/L	160 C	18 C	35 C	29 C	37 C J	31 C	23 C	120 C	140 C	230 C
PCB-042	pg/L	77 C	9.1 C	17 C	12 C	16 C J	15 C	10 C	61 C	71 C	110 C
PCB-043	pg/L	170 C	33 C	60 C	49 C	55 C J	53 C	36 C	140 C	150 C	240 C
PCB-044	pg/L	180	28	53	51	50 J	48	34	150	170	270
PCB-045	pg/L	59	5.8	8.3	6.9	7.4 J	7.6	6.9	56	67	110
PCB-046	pg/L	23	2.1 J	2.8 J	3.3	2.7 J	3.1 J	2.7 J	22	27	48

**Table 8**  
**Analytical Results for PCB Congeners in Porewater**

SampID	SampDate	LDW-Y2-SC-ENR+AC-CAD-S010	LDW-Y2-IN-ENR-CA-S010	LDW-Y2-IN-ENR-CB-S010	LDW-Y2-IN-ENR-CE-S010	LDW-Y2-IN-ENR+AC-CA-S010	LDW-Y2-IN-ENR+AC-CB-S010	LDW-Y2-IN-ENR+AC-CC-S010	LDW-Y2-SC-ENR-CC-SSWI	LDW-Y2-SC-ENR-CD-SSWI	LDW-Y2-SC-ENR-CE-SSWI	
		6/26/2019	6/25/2019	6/25/2019	6/25/2019	6/25/2019	6/25/2019	6/25/2019	6/25/2019	6/26/2019	6/26/2019	6/26/2019
		Scour ENR+AC	Intertidal ENR	Intertidal ENR	Intertidal ENR	Intertidal ENR+AC	Intertidal ENR+AC	Intertidal ENR+AC	Intertidal ENR+AC	Scour ENR	Scour ENR	Scour ENR
<b>Polychlorinated Biphenyls (PCBs)</b>												
PCB-047	pg/L	59	10	19	13	19 J	16	12	47	51	80	
PCB-048	pg/L	47 C	4.7 C	8.9 C	6.9 C	9.9 C J	7.9 C	5.7 C	41 C	43 C	72 C	
PCB-049	pg/L	C043	C043	C043	C043	C043	C043	C043	C043	C043	C043	
PCB-050	pg/L	1.5 J	0.58 J	0.67 J	U	0.84 J	0.85 J	0.41 J	1.4 J	1.5 J	2.4 J	
PCB-051	pg/L	17	1.7 J	2.1 J	1.9 J	2.5 J	2.6 J	2.2 J	17	20	32	
PCB-052	pg/L	220 C	58 C	110 C	110 C	92 C J	100 C	63 C	170 C	190 C	300 C	
PCB-053	pg/L	53	7.6	11	9.6	8.7 J	11	8	54	63	100	
PCB-054	pg/L	1.8 J	U	U	U	U J	U	U	1.5 J	1.7 J	3 J	
PCB-055	pg/L	5.6 L	1.2	2.6	2.2	7.5 J	0.54	0.77	3.2	3.9	6.1	
PCB-056	pg/L	75 C L	5.1 C	11 C	9.8 C	3.2 C J	11 C	7.7 C	52 C	59 C	100 C	
PCB-057	pg/L	1.7 J L	0.41 J	0.97 J	U	0.62 J	U	0.6 J	U	0.88 J	1.6 J	
PCB-058	pg/L	U L	U	0.8 J	U	0.33 J	U	U	U	U	U	
PCB-059	pg/L	C042	C042	C042	C042	C042	C042	C042	C042	C042	C042	
PCB-060	pg/L	C056	C056	C056	C056	C056	C056	C056	C056	C056	C056	
PCB-061	pg/L	140 C L	15 C	35 C	30 C	40 C J	28 C	19 C	83 C	100 C	170 C	
PCB-062	pg/L	U	U	U	U	U J	U	U	U	U	U	
PCB-063	pg/L	5.3 J L	0.67 J	1.8 J	1.3 J	1.6 J	1.4 J	0.97 J	3.3 J	3.9	6.4	
PCB-064	pg/L	C041	C041	C041	C041	C041	C041	C041	C041	C041	C041	
PCB-065	pg/L	U	U	U	U	U J	U	U	U	U	U	
PCB-066	pg/L	120 C L	14 C	33 C	25 C	35 C J	23 C	18 C	73 C	89 C	150 C	
PCB-067	pg/L	5.7 L	0.66 J	1.4 J	1.3 J	1.5 J	1.2 J	0.84 J	3.3 J	4.2	0.83 J	
PCB-068	pg/L	2.1 J L	0.49 J	0.76 J	0.81 J	1.8 J	0.86 J	0.57 J	U	1.5	2.3	
PCB-069	pg/L	C052	C052	C052	C052	C052	C052	C052	C052	C052	C052	
PCB-070	pg/L	C061	C061	C061	C061	C061	C061	C061	C061	C061	C061	
PCB-071	pg/L	C041	C041	C041	C041	C041	C041	C041	C041	C041	C041	
PCB-072	pg/L	C041	C041	C041	C041	C041	C041	C041	C041	C041	C041	
PCB-073	pg/L	3.3 J	0.82 J	2.2	U	2 J	U	0.7 J	2.7 J	2.9	4.9	
PCB-074	pg/L	61 L	6	14	12	16 J	11	7.9	37	45	76	
PCB-075	pg/L	C048	C048	C048	C048	C048	C048	C048	C048	C048	C048	
PCB-076	pg/L	C066	C066	C066	C066	C066	C066	C066	C066	C066	C066	
PCB-077	pg/L	6.2 L	0.76 J	2.2 J L	1.4 J	0.73 J	1.5 J	1.3 J	4	4.3	9.1 L	
PCB-078	pg/L	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	
PCB-079	pg/L	1.7 J L	0.48 J	1.4 J L	0.75 J	0.33 J	1.1 J	0.77 J	0.82 J	0.87 J	1.3 J L	
PCB-080	pg/L	U L	U	U L	U	U J	U	0.22 J	U	U	U L	
PCB-081	pg/L	4.3 J L	1.2	5 L	2.5	0.67 J	1.7 J	2.5	2.3 J	2.1	4.3 L	
PCB-082	pg/L	12 L	2.3	10 L	5.1	1.7	6.4 L	4.3 L	4.1	5.3	8.9 L	
PCB-083	pg/L	5 C L	1.4 C	6.3 C L	2.8 C	0.87 C	3.1 C L	2.4 C L	2.1 C J	2.4 C	4 C L	
PCB-084	pg/L	45 C L	13 C	51 C L	31 C	8.3 C	31 C	20 C	26 C	27 C	46 C L	
PCB-085	pg/L	14 C L	3.7 C	15 C L	6.9 C	2.8 C	8.9 C L	5.9 C L	5.5 C	6.8 C	12 C L	
PCB-086	pg/L	1.9 J L	U	U L	U	U	U L	U L	U	0.7 J	1.1 J L	
PCB-087	pg/L	33 C L	8.6 C	37 C L	20 C	6.3 C	21 C L	14 C L	14 C	17 C	31 C L	
PCB-088	pg/L	U C L	U C	U C L	U C	U C	U C	U C	U C	U C	U C L	
PCB-089	pg/L	1.7 J L	U	U L	0.92 J	0.23 J	1.1 J	0.85 J	1.5 J	1.6	2.1 J L	

**Table 8  
Analytical Results for PCB Congeners in Porewater**

SampID	SampDate	LDW-Y2-SC-ENR+AC-CAD-S010	LDW-Y2-IN-ENR-CA-S010	LDW-Y2-IN-ENR-CB-S010	LDW-Y2-IN-ENR-CE-S010	LDW-Y2-IN-ENR+AC-CA-S010	LDW-Y2-IN-ENR+AC-CB-S010	LDW-Y2-IN-ENR+AC-CC-S010	LDW-Y2-SC-ENR-CC-SSWI	LDW-Y2-SC-ENR-CD-SSWI	LDW-Y2-SC-ENR-CE-SSWI	
		6/26/2019	6/25/2019	6/25/2019	6/25/2019	6/25/2019	6/25/2019	6/25/2019	6/25/2019	6/26/2019	6/26/2019	6/26/2019
		Scour ENR+AC	Intertidal ENR	Intertidal ENR	Intertidal ENR	Intertidal ENR+AC	Intertidal ENR+AC	Intertidal ENR+AC	Intertidal ENR+AC	Scour ENR	Scour ENR	Scour ENR
<b>Polychlorinated Biphenyls (PCBs)</b>												
PCB-090	pg/L	100 C L	23 C	98 C L	57 C	16 C	56 C L	37 C L	47 C	54 C	90 C L	
PCB-091	pg/L	C088	C088	C088	C088	C088	C088	C088	C088	C088	C088	
PCB-092	pg/L	C084	C084	C084	C084	C084	C084	C084	C084	C084	C084	
PCB-093	pg/L	U L	U	U L	U	U	U	U	U	U	U L	
PCB-094	pg/L	1.1 J L	U	U L	0.61 J	0.19 J	U	U	U	0.53 J	1.1 J L	
PCB-095	pg/L	120 L	37	130 L	72	33	85	54	62	74	140 - L	
PCB-096	pg/L	1.7 J L	0.3 J	1.3 J L	0.67 J	0.21 J	0.74 J	0.58 J	0.79 J	0.89 J	1.8 J L	
PCB-097	pg/L	30 L	7.7	1.7 J L	16	5.1	17 L	1.1 J L	12	15	27 L	
PCB-098	pg/L	U C L	U C	U C L	U C	U C	U C	U C	U C	U C	U C L	
PCB-099	pg/L	42 L	9.9	42 L	23	6.7	23 L	16 L	19	22	38 L	
PCB-100	pg/L	2.3 J L	0.52 J	2.1 J L	0.71 J	0.41 J	0.86 J	0.83 J	0.97 J	0.92 J	1.9 J L	
PCB-101	pg/L	C090	C090	C090	C090	C090	C090	C090	C090	C090	C090	
PCB-102	pg/L	C098	C098	C098	C098	C098	C098	C098	C098	C098	C098	
PCB-103	pg/L	3.1 J L	0.68 J	2.5 J L	1.1 J	0.47 J	1.4 J	0.99 J	1.6 J	1.5	3.3 L	
PCB-104	pg/L	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	
PCB-105	pg/L	17 L	4.1	23 L	8	3.1	10 L	7.5 L	6	8.3	15 L	
PCB-106	pg/L	47 C L	13 C	72 C L	23 C	9.8 C	29 C L	21 C L	18 C	23 C	44 C L	
PCB-107	pg/L	3.7 C J L	1.1 C	6.8 C L	2.3 C	0.84 C	2.8 C L	2 C L	0.52 C J	1.8 C	3.2 C L	
PCB-108	pg/L	C107	C107	C107	C107	C107	C107	C107	C107	C107	C107	
PCB-109	pg/L	U L	U	U L	U	U	U L	U L	U	U	U L	
PCB-110	pg/L	91 L	27	120 L	53	19	65 L	43 L	37	43	78 L	
PCB-111	pg/L	1.6 C J L	0.45 C J	1.8 C J L	0.86 C J	0.3 C J	1 C J L	0.74 C J L	0.81 C J	0.66 C J	1.7 C J L	
PCB-112	pg/L	C083	C083	C083	C083	C083	C083	C083	C083	C083	C083	
PCB-113	pg/L	U L	U	U L	U	U	U L	U L	U	U	U L	
PCB-114	pg/L	1.6 J L	0.35 J	1.9 J L	0.78 J	0.25 J	U L	U L	0.57 J	0.51 J	1.3 J L	
PCB-115	pg/L	C111	C111	C111	C111	C111	C111	C111	C111	C111	C111	
PCB-116	pg/L	C085	C085	C085	C085	C085	C085	C085	C085	C085	C085	
PCB-117	pg/L	C087	C087	C087	C087	C087	C087	C087	C087	C087	C087	
PCB-118	pg/L	C106	C106	C106	C106	C106	C106	C106	C106	C106	C106	
PCB-119	pg/L	3.1 J L	0.77 J	3.7 J L	1.5	0.47 J	1.8 L	1.3 J L	1.5 J	1.5	2.5 L	
PCB-120	pg/L	U L	U	U L	U	U	U L	U L	U	U	U L	
PCB-121	pg/L	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	
PCB-122	pg/L	0.81 J L	0.23 J	1.2 J L	U	0.13 J	U L	U L	U	0.36 J	U L	
PCB-123	pg/L	1 J L	0.35 J	1.9 J L	0.69 J	0.22 J	0.61 J L	0.55 J L	0.57 J	0.57 J	1.1 J L	
PCB-124	pg/L	2.6 J L	0.84	4.2 J L	1.3	0.57 J	1.8 L	1.2 J L	1 J	1.3	2.3 L	
PCB-125	pg/L	C087	C087	C087	C087	C087	C087	C087	C087	C087	C087	
PCB-126	pg/L	U L	U	U L	0.28 J	U	U L	U L	U	U	U L	
PCB-127	pg/L	U L	U	U L	U	U	U L	U L	U	U	U L	
PCB-128	pg/L	5.8 C L	1.3 C	18 C L	2.5 C L	1.1 C	3.8 C L	3.2 C L	1.4 C	2 C L	4 C L	
PCB-129	pg/L	2.2 J L	0.54	6.6 L	1.1 L	0.45	1.8 L	1.3 L	0.58 J	0.73 L	1.6 L	
PCB-130	pg/L	2.9 J L	0.95	10 L	1.4 L	0.71	2.7 L	2 L	0.91 J	1.2 L	2.2 L	
PCB-131	pg/L	1.6 C J L	0.45 C J	4.4 C J L	0.8 C	0.29 C J	0.81 C J L	1.2 C J L	0.63 C J	0.55 C J L	1.2 C J L	
PCB-132	pg/L	15 C L	3.6 C	33 C L	5.4 C	2.6 C	9.1 C L	8.8 C L	5.4 C	6.7 C L	13 C L	
PCB-133	pg/L	C131	C131	C131	C131	C131	C131	C131	C131	C131	C131	
PCB-134	pg/L	3.9 C L	1 C	9.1 C L	1.8 C	0.75 C	2.4 C L	2.2 C L	1.5 C J	1.7 C L	3.3 C L	
PCB-135	pg/L	9 L	2.4	19 L	1.2	1.8	6.7 L	5.1 L	3.4	4.3 L	8.8 L	
PCB-136	pg/L	13 L	2.3	24 L	3.5 L	1.9	7.2 L	5.6 L	3.4	4.4 L	9.2 L	
PCB-137	pg/L	2.1 J L	0.58	5.8 L	1.2 L	0.46	1.8 L	1.5 L	0.65 J	0.53 J L	1.6 L	
PCB-138	pg/L	46 C L	9.9 C	110 C L	16 C L	7.5 C	32 C L	22 C L	12 C	18 C L	35 C L	
PCB-139	pg/L	56 C L	12 C	100 C L	17 C	8.7 C	35 C L	26 C L	19 C	24 C L	46 C L	
PCB-140	pg/L	U L	0.17 J	U L	U	U	U L	U L	U	0.28 J L	0.77 J L	



**Table 8**  
**Analytical Results for PCB Congeners in Porewater**

SampID	SampDate	LDW-Y2-SC-ENR+AC-CAD-S010	LDW-Y2-IN-ENR-CA-S010	LDW-Y2-IN-ENR-CB-S010	LDW-Y2-IN-ENR-CE-S010	LDW-Y2-IN-ENR+AC-CA-S010	LDW-Y2-IN-ENR+AC-CB-S010	LDW-Y2-IN-ENR+AC-CC-S010	LDW-Y2-SC-ENR-CC-SSWI	LDW-Y2-SC-ENR-CD-SSWI	LDW-Y2-SC-ENR-CE-SSWI
		6/26/2019 Scour ENR+AC	6/25/2019 Intertidal ENR	6/25/2019 Intertidal ENR	6/25/2019 Intertidal ENR	6/25/2019 Intertidal ENR+AC	6/25/2019 Intertidal ENR+AC	6/25/2019 Intertidal ENR+AC	6/25/2019 Intertidal ENR+AC	6/26/2019 Scour ENR	6/26/2019 Scour ENR
<b>Polychlorinated Biphenyls (PCBs)</b>											
PCB-141	pg/L	8.8 L	1.8	18 L	3.2 L	1.4	6 L	4.4 L	2.6	3.3 L	6.9 L
PCB-142	pg/L	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC
PCB-143	pg/L	C134	C134	C134	C134	C134	C134	C134	C134	C134	C134
PCB-144	pg/L	4 L	0.63	5.9 L	1.2	0.48 J	2.3 L	1.4 L	1.3 J	1.7 L	3.2 L
PCB-145	pg/L	UL	U	UL	UL	U	UL	UL	U	UL	UL
PCB-146	pg/L	11 C L	2.5 C	26 C L	3.4 C L	1.7 C	6.6 C L	7.1 C L	3.6 C	3.7 C L	8.3 C L
PCB-147	pg/L	1.5 J L	0.42 J	3.5 J L	0.62 J	0.28 J	1.1 J L	0.98 J L	0.55 J	0.62 J L	1.1 J L
PCB-148	pg/L	UL	U	UL	U	U	UL	UL	U	UL	UL
PCB-149	pg/L	C139	C139	C139	C139	C139	C139	C139	C139	C139	C139
PCB-150	pg/L	UL	U	UL	UL	U	UL	UL	U	UL	UL
PCB-151	pg/L	20 L	3.4	30 L	5.7	2.5	10 L	6.7 L	6.1	7.3 L	15 L
PCB-152	pg/L	UL	U	UL	UL	U	UL	UL	U	UL	UL
PCB-153	pg/L	53 L	10	100 L	15 L	7.7	32 L	23 L	14	18 L	36 L
PCB-154	pg/L	1.7 J L	0.47	3.1 L	0.47 J	0.35	1.1 L	1.2 L	0.58 J	0.55 L	1.1 L
PCB-155	pg/L	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC
PCB-156	pg/L	3 J L	0.59	7.8 L	1.2 L	0.45	2 L	1.2 L	0.76 J	0.93 L	2.1 L
PCB-157	pg/L	0.98 J L	0.2 J	3 J L	0.4 J L	0.17 J	0.74 J L	UL	U	0.21 J L	0.55 J L
PCB-158	pg/L	4.8 C L	0.97 C	12 C L	1.9 C L	0.91 C	3.3 C L	2.6 C L	1.3 C	1.7 C L	3.4 C L
PCB-159	pg/L	1.2 J L	0.18 J	2.7 J L	UL	0.16 J	UL	0.61 J L	0.34 J	0.3 J L	0.68 J L
PCB-160	pg/L	C158	C158	C158	C158	C158	C158	C158	C158	C158	C158
PCB-161	pg/L	C132	C132	C132	C132	C132	C132	C132	C132	C132	C132
PCB-162	pg/L	C128	C128	C128	C128	C128	C128	C128	C128	C128	C128
PCB-163	pg/L	C138	C138	C138	C138	C138	C138	C138	C138	C138	C138
PCB-164	pg/L	C138	C138	C138	C138	C138	C138	C138	C138	C138	C138
PCB-165	pg/L	C146	C146	C146	C146	C146	C146	C146	C146	C146	C146
PCB-166	pg/L	UL	U	UL	UL	U	UL	UL	U	UL	UL
PCB-167	pg/L	1.6 J L	0.31 J	4.4 J L	0.6 J L	0.23 J	1 J L	0.8 J L	0.37 J	0.44 J L	0.96 J L
PCB-168	pg/L	UL	U	UL	UL	U	UL	UL	U	UL	UL
PCB-169	pg/L	UL	U	UL	UL	U	UL	UL	U	UL	UL
PCB-170	pg/L	6.9 L	0.55 L	12 L	1.2 L	0.46 L	2.2 L	1.8 L	0.72 L	1.1 L	2.6 L
PCB-171	pg/L	2.8 L	0.25 J L	4.3 J L	0.56 L	UL	0.82 J L	0.99 J L	0.32 J L	0.51 L	1.1 L
PCB-172	pg/L	3.9 L	0.071 L	11 L	0.41 L	0.2 L	0.4 L	0.88 L	0.014 L	0.55 L	0.97 L
PCB-173	pg/L	UL	UL	UL	UL	UL	UL	UL	UL	UL	UL
PCB-174	pg/L	9.2 L	0.85 L	16 L	1.6 L	0.76 L	3.7 L	2.8 L	1.4 L	2 L	4.1 L
PCB-175	pg/L	UL	UL	UL	UL	0.045 J L	UL	UL	UL	UL	UL
PCB-176	pg/L	1.6 J L	0.14 J L	3.7 J L	0.28 J L	0.12 J L	0.68 J L	0.5 J L	0.25 J L	0.32 L	0.77 L
PCB-177	pg/L	6 L	0.64 L	13 L	1.1 L	0.48 L	2 L	1.9 L	0.83 L	1.1 L	2.4 L
PCB-178	pg/L	2.7 L	0.32 L	6.1 J L	0.5 L	0.25 J L	1.2 L	1 L	0.43 J L	0.52 L	1.2 L
PCB-179	pg/L	5.3 L	0.55 L	12 L	0.81 L	0.41 L	UL	1.9 L	0.79 L	1 L	2.3 L
PCB-180	pg/L	19 L	1.7 L	40 L	2.8 L	1.3 L	6.3 L	5.7 L	2.2 L	0.31 J L	0.7 L
PCB-181	pg/L	0.89 J L	UL	UL	UL	0.094 J L	UL	UL	UL	UL	UL
PCB-182	pg/L	13 C L	1.2 C L	26 C L	2 C L	1.1 C L	5.2 C L	3.9 C L	2 C L	2.6 C L	5.7 C L
PCB-183	pg/L	7.2 L	0.64 L	11 L	1.1 L	0.54 L	2.5 L	2 L	1.1 L	1.4 L	3 L
PCB-184	pg/L	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC

**Table 8**  
**Analytical Results for PCB Congeners in Porewater**

<i>SampID</i>		LDW-Y2-SC-ENR+AC-CAD-S010	LDW-Y2-IN-ENR-CA-S010	LDW-Y2-IN-ENR-CB-S010	LDW-Y2-IN-ENR-CE-S010	LDW-Y2-IN-ENR+AC-CA-S010	LDW-Y2-IN-ENR+AC-CB-S010	LDW-Y2-IN-ENR+AC-CC-S010	LDW-Y2-SC-ENR-CC-SSWI	LDW-Y2-SC-ENR-CD-SSWI	LDW-Y2-SC-ENR-CE-SSWI
<i>SampDate</i>		6/26/2019	6/25/2019	6/25/2019	6/25/2019	6/25/2019	6/25/2019	6/25/2019	6/26/2019	6/26/2019	6/26/2019
<i>Plot</i>		Scour	Intertidal	Intertidal	Intertidal	Intertidal	Intertidal	Intertidal	Scour	Scour	Scour
<i>SubPlot</i>		ENR+AC	ENR	ENR	ENR	ENR+AC	ENR+AC	ENR+AC	ENR	ENR	ENR
<b>Polychlorinated Biphenyls (PCBs)</b>											
PCB-185	pg/L	1.5 J L	U L	2.8 J L	U L	0.1 J L	0.52 J L	U L	U L	U L	U L
PCB-186	pg/L	U L	U L	U L	U L	0.048 J L	U L	U L	U L	U L	U L
PCB-187	pg/L	C182	C182	C182	C182	C182	C182	C182	C182	C182	C182
PCB-188	pg/L	0.79 J L	0.11 J L	U L	U L	0.074 J L	0.27 J L	0.5 J L	U L	0.097 J L	0.27 J L
PCB-189	pg/L	U L	U L	U L	U L	U L	U L	U L	U L	U L	U L
PCB-190	pg/L	1.6 J L	0.15 J L	3.6 J L	0.31 J L	0.11 J L	0.47 J L	0.4 J L	U L	U L	U L
PCB-191	pg/L	U L	U L	U L	U L	U L	U L	U L	U L	U L	U L
PCB-192	pg/L	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC
PCB-193	pg/L	1.4 J L	0.12 J L	4.8 J L	0.24 J L	0.1 J L	U L	U L	U L	U L	U L
PCB-194	pg/L	1.6 J L	0.1 J L	7.6 J L	0.23 J L	0.089 J L	0.54 J L	0.57 J L	0.16 J L	0.2 L	0.54 L
PCB-195	pg/L	0.91 J L	0.051 J L	2.7 J L	0.12 J L	0.049 J L	0.27 J L	0.29 J L	0.08 J L	0.12 J L	0.24 J L
PCB-196	pg/L	2.6 C L	0.17 C L	9.3 C J L	0.31 C L	0.16 C J L	0.87 C L	0.82 C L	0.3 C J L	0.31 C L	0.86 C L
PCB-197	pg/L	0.7 L	0.039 L	3.2 L	U B L	0.011 L	0.31 L	0.3 L	U L	0.019 L	0.092 L
PCB-198	pg/L	U L	U L	U L	U L	U L	U L	U L	U L	U L	U L
PCB-199	pg/L	2.3 L	0.15 L	7.1 J L	0.27 L	0.13 J L	0.69 L	0.75 L	0.19 J L	0.24 L	0.75 L
PCB-200	pg/L	0.47 J L	U L	U L	U L	U L	U L	U L	U L	U L	U L
PCB-201	pg/L	U L	U L	U L	U L	0.031 J L	U L	U L	49 L	U L	U L
PCB-202	pg/L	0.71 J L	U L	U L	U L	0.048 J L	0.29 J L	U L	U L	0.083 J L	0.2 J L
PCB-203	pg/L	C196	C196	C196	C196	C196	C196	C196	C196	C196	C196
PCB-204	pg/L	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC
PCB-205	pg/L	U L	U L	U L	U L	U L	U L	U L	U L	U L	U L
PCB-206	pg/L	0.4 J L	0.025 J L	U L	U L	0.022 J L	0.15 J L	U L	0.036 J L	0.036 J L	0.1 J L
PCB-207	pg/L	0.14 L	0.0016 L	2.6 L	0.0082 L	U B L	0.045 L	0.058 L	U B J L	U B L	0.076 L
PCB-208	pg/L	0.21 J L	U L	U L	U L	0.011 J L	U L	U L	U L	0.016 J L	0.047 J L
PCB-209	pg/L	0.18 L	0.0019 L	8 L	0.018 L	0.00027 L	0.11 L	0.15 L	U B J L	0.0076 L	0.051 L

**Table 8**  
**Analytical Results for PCB Congeners in Porewater**

SampID	SampDate	LDW-Y2-SC-ENR+AC-CB-SSWI	LDW-Y2-SC-ENR+AC-CC-SSWI	LDW-Y2-SC-ENR+AC-CAD-SSWI	LDW-Y2-IN-ENR-CA-SSWI	LDW-Y2-IN-ENR-CB-SSWI	LDW-Y2-IN-ENR-CE-SSWI	LDW-Y2-IN-ENR+AC-CA-SSWI	LDW-Y2-IN-ENR+AC-CB-SSWI	LDW-Y2-IN-ENR+AC-CC-SSWI
		6/26/2019 Scour ENR+AC	6/26/2019 Scour ENR+AC	6/26/2019 Scour ENR+AC	6/24/2019 Intertidal ENR	6/24/2019 Intertidal ENR	6/24/2019 Intertidal ENR	6/24/2019 Intertidal ENR+AC	6/24/2019 Intertidal ENR+AC	6/24/2019 Intertidal ENR+AC
<b>Polychlorinated Biphenyls (PCBs)</b>										
PCBs (Total, Congeners)	pg/L	3100	9000	3800	1000	1400	960	730	1100	900
PCB-001	pg/L	U	18 J	21 J	U	U	10 J	U	U	U
PCB-002	pg/L	U	U	U	U	U	U	U	U	U
PCB-003	pg/L	U	U	U	U	U	U	U	U	U
PCB-004	pg/L	180	220	170	31	28	36	22	25	23
PCB-005	pg/L	U	U	U	U	U	U	U	U	U
PCB-006	pg/L	53	87	66	14	10	11	6.9	8.4	7.8
PCB-007	pg/L	10 J	13 J	U	U	U	U	U	U	U
PCB-008	pg/L	270	380	260	24	23	26	20	22	24
PCB-009	pg/L	14 J	28	U	U	U	U	U	U	U
PCB-010	pg/L	14 J	20 J	U	U	U	U	U	U	U
PCB-011	pg/L	U B	U B	U B	0.15	0.019	U B	3.4	1	2.2
PCB-012	pg/L	3.4 J	6.6 J	U	U	U	U	U	U	U
PCB-013	pg/L	2.9 J	6.3 J	U	U	U	U	U	U	U
PCB-014	pg/L	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC
PCB-015	pg/L	40	88	50	7.4	6.6	7.3	5.6	7.1	6.6
PCB-016	pg/L	160	270	180	13	12	13	8.6	16	13
PCB-017	pg/L	180	350	200	21	23	20	16	21	21
PCB-018	pg/L	450	850	450	51	58	47	39	50	50
PCB-019	pg/L	90	130	100	9.2	11	8.4	6.9	8.3	9
PCB-020	pg/L	140 C	400 C	170 C	17 C	16 C	14 C	11 C	14 C	17 C
PCB-021	pg/L	C020	C020	C020	C020	C020	C020	C020	C020	C020
PCB-022	pg/L	72	200	89	9.5	11	9.1	6.9	8.4	9.5
PCB-023	pg/L	U	U	U	U	U	U	U	U	U
PCB-024	pg/L	22	52	34	4.2	4.3	3.3 J	2.8 J	3.2 J	3.3 J
PCB-025	pg/L	23	66	30	8.2	8	7.1	4.5	6.7	6.1
PCB-026	pg/L	38	110	47	16	16	14	9.4	14	11
PCB-027	pg/L	20	29	18	3 J	3.8 J	2.8 J	2.5 J	3.3 J	2.8 J
PCB-028	pg/L	190	530	250	34	34	32	21	28	28
PCB-029	pg/L	U	5.2 J	2.1 J	U	U	U	U	U	U
PCB-030	pg/L	U	U	U	U	U	U	U	U	U
PCB-031	pg/L	170	570	220	32	38	28	24	30	30
PCB-032	pg/L	120	270	160	11	16	11	9.7	8.6	13
PCB-033	pg/L	C020	C020	C020	C020	C020	C020	C020	C020	C020
PCB-034	pg/L	U	4.3 J	1.3 J	U	U	U	U	U	U
PCB-035	pg/L	U	U L	2.8 J	U	U	U	U	U	U
PCB-036	pg/L	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC
PCB-037	pg/L	23	86 L	35	4.5	4.9	3.8	3.1	4.2	3.9
PCB-038	pg/L	U	U L	U	U	U	U	U	U	U
PCB-039	pg/L	U	U L	U	U	U	U	U	U	U
PCB-040	pg/L	18	75 L	29	5.3	6.6	4.3	4.1	5.9	5.1
PCB-041	pg/L	69 C	290 C L	110 C	27 C	33 C	25 C	20 C	29 C	25 C
PCB-042	pg/L	34 C	140 C L	57 C	13 C	17 C	11 C	9.2 C	13 C	12 C
PCB-043	pg/L	79 C	300 C L	120 C	48 C	58 C	42 C	33 C	49 C	41 C
PCB-044	pg/L	88	330 L	130	39	49	40	29	43	38
PCB-045	pg/L	36	110	48	7.7	8.4	5.9	5.6	7.5	6.9
PCB-046	pg/L	15	45	20	2.8	3.5	2.4 J	2.2	2.5 J	2.9

**Table 8  
Analytical Results for PCB Congeners in Porewater**

SampID	SampDate	LDW-Y2-SC-ENR+AC-CB-SSWI	LDW-Y2-SC-ENR+AC-CC-SSWI	LDW-Y2-SC-ENR+AC-CAD-SSWI	LDW-Y2-IN-ENR-CA-SSWI	LDW-Y2-IN-ENR-CB-SSWI	LDW-Y2-IN-ENR-CE-SSWI	LDW-Y2-IN-ENR+AC-CA-SSWI	LDW-Y2-IN-ENR+AC-CB-SSWI	LDW-Y2-IN-ENR+AC-CC-SSWI
		6/26/2019 Scour ENR+AC	6/26/2019 Scour ENR+AC	6/26/2019 Scour ENR+AC	6/24/2019 Intertidal ENR	6/24/2019 Intertidal ENR	6/24/2019 Intertidal ENR	6/24/2019 Intertidal ENR+AC	6/24/2019 Intertidal ENR+AC	6/24/2019 Intertidal ENR+AC
<b>Polychlorinated Biphenyls (PCBs)</b>										
PCB-047	pg/L	26	100 L	44	14	19	12	10	14	13
PCB-048	pg/L	23 C	88 C L	32 C	7.9 C	9.7 C	6.6 C	5.7 C	7.6 C	6.9 C
PCB-049	pg/L	C043	C043	C043	C043	C043	C043	C043	C043	C043
PCB-050	pg/L	1.1 J	2.7 J	1 J	0.7 J	0.4 J	0.47 J	0.37 J	0.48 J	0.35 J
PCB-051	pg/L	9	29	14	2.5	2.6	1.9 J	1.7 J	2.3 J	2.5
PCB-052	pg/L	97 C	380 C L	140 C	79 C	100 C	85 C	57 C	84 C	70 C
PCB-053	pg/L	32	97	45	9.2	11	8.4	7	9.3	8.3
PCB-054	pg/L	1 J	3.4 J L	1.3 J	U	U	U	U	U	U
PCB-055	pg/L	1.1	8.6 L	2.6	2.3	0.74	1.5	1.4	2.4	1.4
PCB-056	pg/L	24 C	120 C L	45 C	11 C	14 C	9.5 C	7.4 C	11 C	10 C
PCB-057	pg/L	U	3.1 J L	0.79 J	0.57 J	U	0.46 J	0.37 J	0.49 J	U
PCB-058	pg/L	U	U L	U	U	U	U	U	0.35 J	U
PCB-059	pg/L	C042	C042	C042	C042	C042	C042	C042	C042	C042
PCB-060	pg/L	C056	C056	C056	C056	C056	C056	C056	C056	C056
PCB-061	pg/L	48 C	230 C L	79 C	28 C	35 C	25 C	21 C	33 C	26 C
PCB-062	pg/L	U	U L	U	U	U	U	U	U	U
PCB-063	pg/L	2 J	10 J L	2.7 J	1.3 J	1.7 J	0.99 J	0.8 J	1.3 J	1.1 J
PCB-064	pg/L	C041	C041	C041	C041	C041	C041	C041	C041	C041
PCB-065	pg/L	U	U L	U	U	U	U	U	U	U
PCB-066	pg/L	38 C	200 C L	69 C	25 C	30 C	21 C	17 C	27 C	21 C
PCB-067	pg/L	1.9 J	12 L	3.3	1.3 J	1.7 J	1 J	0.96 J	1.1 J	1 J
PCB-068	pg/L	0.81 J	3.2 J L	0.88 J	0.64 J	0.88 J	0.53 J	0.56 J	0.69 J	0.58 J
PCB-069	pg/L	C052	C052	C052	C052	C052	C052	C052	C052	C052
PCB-070	pg/L	C061	C061	C061	C061	C061	C061	C061	C061	C061
PCB-071	pg/L	C041	C041	C041	C041	C041	C041	C041	C041	C041
PCB-072	pg/L	C041	C041	C041	C041	C041	C041	C041	C041	C041
PCB-073	pg/L	1.6 J	6.8 J L	2.7	1.4	1.4	1.6	0.73 J	1.2	1.3
PCB-074	pg/L	20	110 L	36	12	15	10	8.6	12	10
PCB-075	pg/L	C048	C048	C048	C048	C048	C048	C048	C048	C048
PCB-076	pg/L	C066	C066	C066	C066	C066	C066	C066	C066	C066
PCB-077	pg/L	1.8	14 L	4	1.8	2.3	1.6	1.2	2	1.4
PCB-078	pg/L	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC
PCB-079	pg/L	0.34 J	2 J L	0.69 J	0.61 J	1 J	0.8 J	0.58 J	0.69 J	0.62 J
PCB-080	pg/L	U	U L	U	U	U	U	U	U	U
PCB-081	pg/L	0.85 J	8.5 J L	1.4 J	1.8	2.8	1.7	1.7	1.4 J	1.6
PCB-082	pg/L	1.7	17 L	3.4	4.6	6.2 L	3.9	2.9	4.6 L	3.2
PCB-083	pg/L	0.73 C J	7.2 C J L	1.7 C	2.5 C	3.8 C L	2 C	1.5 C	2.4 C L	2 C
PCB-084	pg/L	8 C	72 C L	17 C	23 C	38 C L	23 C	16 C	23 C L	19 C
PCB-085	pg/L	2.1 C	22 C L	4.2 C	6.9 C	8.9 C L	5.3 C	4.1 C	6.6 C L	5 C
PCB-086	pg/L	U	4.3 J L	U	0.58 J	U	U	U	U L	U
PCB-087	pg/L	5.1 C	52 C L	9.9 C	17 C	22 C L	14 C	10 C	16 C L	12 C
PCB-088	pg/L	U C	U C L	U C	U C	U C L	U C	U C	U C	U C
PCB-089	pg/L	0.49 J	3.8 J L	1 J	0.67 J	0.99 J L	0.81 J	0.51 J	0.6 J	0.61 J

**Table 8**  
**Analytical Results for PCB Congeners in Porewater**

SampID	SampDate	LDW-Y2-SC-ENR+AC-CB-SSWI	LDW-Y2-SC-ENR+AC-CC-SSWI	LDW-Y2-SC-ENR+AC-CAD-SSWI	LDW-Y2-IN-ENR-CA-SSWI	LDW-Y2-IN-ENR-CB-SSWI	LDW-Y2-IN-ENR-CE-SSWI	LDW-Y2-IN-ENR+AC-CA-SSWI	LDW-Y2-IN-ENR+AC-CB-SSWI	LDW-Y2-IN-ENR+AC-CC-SSWI
		6/26/2019 Scour ENR+AC	6/26/2019 Scour ENR+AC	6/26/2019 Scour ENR+AC	6/24/2019 Intertidal ENR	6/24/2019 Intertidal ENR	6/24/2019 Intertidal ENR	6/24/2019 Intertidal ENR+AC	6/24/2019 Intertidal ENR+AC	6/24/2019 Intertidal ENR+AC
<b>Polychlorinated Biphenyls (PCBs)</b>										
PCB-090	pg/L	16 C	150 C L	33 C	45 C	64 C L	41 C	31 C	46 C L	36 C
PCB-091	pg/L	C088	C088	C088	C088	C088	C088	C088	C088	C088
PCB-092	pg/L	C084	C084	C084	C084	C084	C084	C084	C084	C084
PCB-093	pg/L	U	U L	U	U	U L	U	U	U	U
PCB-094	pg/L	U	U L	U	0.46 J	U L	U	0.32 J	0.42 J	0.35 J
PCB-095	pg/L	23	180 L	49	60	81 L	56	39	62	46
PCB-096	pg/L	0.35 J	2.7 J L	0.6 J	0.52 J	0.83 J L	0.39 J	0.28 J	0.57 J L	0.43 J
PCB-097	pg/L	4.2	43 L	9.3	13	18 L	11	8.3	14 L	12
PCB-098	pg/L	U C	U C L	U C	U C	U C L	U C	U C	U C	U C
PCB-099	pg/L	6.1	63 L	14	19	27 L	16	14	21 L	16
PCB-100	pg/L	0.32 J	3.4 J L	0.79 J	0.78 J	1.1 J L	0.53 J	0.51 J	0.74 J	0.57 J
PCB-101	pg/L	C090	C090	C090	C090	C090	C090	C090	C090	C090
PCB-102	pg/L	C098	C098	C098	C098	C098	C098	C098	C098	C098
PCB-103	pg/L	0.53 J	4 J L	1.4 J	1.1 J	1.5 J L	0.72 J	0.67 J	1.1 J	0.87 J
PCB-104	pg/L	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC
PCB-105	pg/L	2.2	28 L	5.2	7.8	11 L	6.7	4.8	8 L	5.7
PCB-106	pg/L	5.6 C	78 C L	14 C	22 C	36 C L	20 C	15 C	25 C L	17 C
PCB-107	pg/L	0.47 C J	2.6 C J L	1.1 C J	2 C	3.4 C L	1.8 C	1.3 C	2.2 C L	1.5 C
PCB-108	pg/L	C107	C107	C107	C107	C107	C107	C107	C107	C107
PCB-109	pg/L	U	U L	U	U	U L	U	U	U L	U
PCB-110	pg/L	12	130 L	27	51	65 L	40	30	49 L	36
PCB-111	pg/L	0.28 C J	3.1 C J L	0.59 C J	0.92 C J	1.3 C J L	0.73 C J	0.56 C J	0.9 C J L	0.61 C J
PCB-112	pg/L	C083	C083	C083	C083	C083	C083	C083	C083	C083
PCB-113	pg/L	U	U L	U	U	U L	U	U	U L	U
PCB-114	pg/L	0.22 J	2.5 J L	0.41 J	0.56 J	0.87 J L	0.56 J	0.39 J	0.64 J L	0.3 J
PCB-115	pg/L	C111	C111	C111	C111	C111	C111	C111	C111	C111
PCB-116	pg/L	C085	C085	C085	C085	C085	C085	C085	C085	C085
PCB-117	pg/L	C087	C087	C087	C087	C087	C087	C087	C087	C087
PCB-118	pg/L	C106	C106	C106	C106	C106	C106	C106	C106	C106
PCB-119	pg/L	0.45 J	4.6 J L	0.9 J	1.5	2.1 L	1.2	0.85 J	1.4 J L	1.1
PCB-120	pg/L	U	U L	U	U	U L	U	U	U L	U
PCB-121	pg/L	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC
PCB-122	pg/L	U	U L	0.25 J	0.33 J	U L	0.31 J	0.22 J	0.43 J L	0.3 J
PCB-123	pg/L	0.21 J	2.8 J L	0.32 J	0.46 J	0.85 J L	0.44 J	0.37 J	0.67 J L	0.35 J
PCB-124	pg/L	0.39 J	4.5 J L	0.7 J	1.1	2 L	1.1	0.74 J	1.1 J L	0.87 J
PCB-125	pg/L	C087	C087	C087	C087	C087	C087	C087	C087	C087
PCB-126	pg/L	U	U L	U	U L	U L	U	U	U L	U L
PCB-127	pg/L	U	U L	U	U L	U L	U	U	U L	U L
PCB-128	pg/L	0.44 C	9.8 C L	1.1 C	2.7 C L	6.1 C L	1.9 C	1.9 C L	3.2 C L	2 C L
PCB-129	pg/L	0.23 J	4.5 J L	0.43 J	0.95 L	2 L	0.8	0.32 J L	1.2 J L	0.83 L
PCB-130	pg/L	0.22 J	5.8 J L	0.61 J	1.5 L	3.3 L	1.1	0.95 L	1.8 L	1.1 L
PCB-131	pg/L	0.17 C J	4.1 C J L	0.38 C J	0.77 C J L	1.5 C J L	0.54 C J	0.38 C J	0.9 C J L	0.56 C J L
PCB-132	pg/L	1.3 C	32 C L	3.4 C	6.1 C L	13 C L	4.8 C	4.1 C	7.2 C L	5.5 C L
PCB-133	pg/L	C131	C131	C131	C131	C131	C131	C131	C131	C131
PCB-134	pg/L	0.39 C J	8.9 C L	0.93 C	1.8 C L	3.3 C L	1.4 C	1.1 C	2 C L	1.3 C L
PCB-135	pg/L	0.83	18 L	2.4	3.7 L	7.5 L	3	2.6	4 L	2.9 L
PCB-136	pg/L	0.93	20 L	2.5	3.4 L	6.9 L	2.5	2.4 L	4.7 L	3.2 L
PCB-137	pg/L	0.2 J	4.2 J L	0.47 J	1.2 L	2 L	0.81	0.78 L	1.4 L	0.94 L
PCB-138	pg/L	3.4 C	87 C L	9.6 C	18 C L	34 C L	13 C	11 C L	21 C L	13 C L
PCB-139	pg/L	5.4 C	97 C L	13 C	17 C L	37 C L	14 C	12 C	21 C L	13 C L
PCB-140	pg/L	0.11 J	U L	0.27 J	U L	U L	U	0.26 J	0.4 J L	0.25 J L

**Table 8**  
**Analytical Results for PCB Congeners in Porewater**

SampID	SampDate	LDW-Y2-SC-ENR+AC-CB-SSWI	LDW-Y2-SC-ENR+AC-CC-SSWI	LDW-Y2-SC-ENR+AC-CAD-SSWI	LDW-Y2-IN-ENR-CA-SSWI	LDW-Y2-IN-ENR-CB-SSWI	LDW-Y2-IN-ENR-CE-SSWI	LDW-Y2-IN-ENR+AC-CA-SSWI	LDW-Y2-IN-ENR+AC-CB-SSWI	LDW-Y2-IN-ENR+AC-CC-SSWI
		6/26/2019 Scour ENR+AC	6/26/2019 Scour ENR+AC	6/26/2019 Scour ENR+AC	6/24/2019 Intertidal ENR	6/24/2019 Intertidal ENR	6/24/2019 Intertidal ENR	6/24/2019 Intertidal ENR+AC	6/24/2019 Intertidal ENR+AC	6/24/2019 Intertidal ENR+AC
<b>Polychlorinated Biphenyls (PCBs)</b>										
PCB-141	pg/L	0.71	17 L	1.8	3.4 L	6.5 L	2.3	2.2 L	3.6 L	2.6 L
PCB-142	pg/L	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC
PCB-143	pg/L	C134	C134	C134	C134	C134	C134	C134	C134	C134
PCB-144	pg/L	0.37 J	7.7 J L	0.89	1.1 L	2.2 L	0.88	0.66	1.4 L	0.97 L
PCB-145	pg/L	U	U L	U	U L	U L	U	U L	U L	U L
PCB-146	pg/L	0.86 C	26 C L	1.9 C	4.5 C L	9.9 C L	3 C	2.7 C L	4.5 C L	2.9 C L
PCB-147	pg/L	0.2 J	2.1 J L	0.32 J	0.63 J L	1.5 J L	0.61 J	0.59 J	0.88 J L	0.62 J L
PCB-148	pg/L	U	U L	U	U L	U L	U	U	U L	U L
PCB-149	pg/L	C139	C139	C139	C139	C139	C139	C139	C139	C139
PCB-150	pg/L	U	U L	U	U L	U L	U	U L	U L	U L
PCB-151	pg/L	1.7	30 L	4.5	6.2 L	12 L	4.2	4.4	6.4 L	4.9 L
PCB-152	pg/L	U	U L	U	U L	U L	U	U L	U L	U L
PCB-153	pg/L	4	92 L	11	15 L	38 L	13	11 L	18 L	12 L
PCB-154	pg/L	0.17 J	3.5 J L	0.4 J	0.58 L	0.95 L	0.35 J	0.33	0.52 J L	0.44 L
PCB-155	pg/L	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC
PCB-156	pg/L	0.17 J	5.9 J L	0.55	1.2 L	2.5 L	0.8	0.77 L	1.5 L	0.85 L
PCB-157	pg/L	0.094 J	2.5 J L	0.15 J	0.38 J L	0.85 J L	0.27 J	0.29 J L	0.56 J L	0.29 J L
PCB-158	pg/L	0.36 C J	9.1 C L	0.96 C	1.9 C L	3.9 C L	1.4 C	1.4 C L	2.5 C L	1.4 C L
PCB-159	pg/L	0.088 J	2.5 J L	0.19 J	0.35 J L	0.71 J L	0.22 J	0.19 J L	0.5 J L	0.23 J L
PCB-160	pg/L	C158	C158	C158	C158	C158	C158	C158	C158	C158
PCB-161	pg/L	C132	C132	C132	C132	C132	C132	C132	C132	C132
PCB-162	pg/L	C128	C128	C128	C128	C128	C128	C128	C128	C128
PCB-163	pg/L	C138	C138	C138	C138	C138	C138	C138	C138	C138
PCB-164	pg/L	C138	C138	C138	C138	C138	C138	C138	C138	C138
PCB-165	pg/L	C146	C146	C146	C146	C146	C146	C146	C146	C146
PCB-166	pg/L	U	U L	U	U L	U L	U	U L	U L	U L
PCB-167	pg/L	0.093 J	2.9 J L	0.27 J	0.55 J L	1.5 J L	0.44 J	0.36 J L	0.85 J L	0.46 J L
PCB-168	pg/L	U	U L	U	U L	U L	U	U L	U L	U L
PCB-169	pg/L	U	U L	U	U L	U L	U	U L	U L	U L
PCB-170	pg/L	0.2	9.8 L	0.65	1.4 L	3.2 L	0.65 L	0.86 L	2 L	1.1 L
PCB-171	pg/L	0.086 J	4.1 J L	0.29 J	0.56 J L	1.2 J L	0.28 J L	0.36 J L	0.81 J L	0.45 J L
PCB-172	pg/L	0.026	0.85 L	0.17	0.41 L	1.3 L	0.31 L	0.34 L	1.4 L	0.47 L
PCB-173	pg/L	U	U L	U	U L	U L	U	U L	U L	U L
PCB-174	pg/L	0.36	15 L	1	1.6 L	4 L	1.1 L	1.2 L	2.5 L	1.5 L
PCB-175	pg/L	U	U L	U	U L	U L	U	0.12 J L	U L	U L
PCB-176	pg/L	0.073 J	2.7 J L	0.18 J	0.33 J L	0.73 J L	0.16 J L	0.2 J L	0.42 J L	0.26 J L
PCB-177	pg/L	0.23	9.7 L	0.61	1.1 L	2.8 L	0.6 L	0.79 L	1.7 L	1 L
PCB-178	pg/L	0.11 J	4.8 J L	0.31 J	0.56 J L	1.5 J L	0.32 J L	0.37 J L	0.86 J L	0.52 L
PCB-179	pg/L	0.17 J	8.1 L	0.47	1 L	2.7 L	0.47 L	0.69 L	1.5 L	0.85 L
PCB-180	pg/L	0.52	27 L	0.18 J	4 L	10 L	1.7 L	2.5 L	6 L	3.2 L
PCB-181	pg/L	U	U L	U	0.32 J L	0.62 J L	U	0.15 J L	0.38 J L	U L
PCB-182	pg/L	0.49 C	20 C L	1.4 C	2.7 C L	6.1 C L	1.3 C L	1.7 C L	3.9 C L	2.2 C L
PCB-183	pg/L	0.31	11 L	0.81	1.2 L	3 L	0.66 L	0.9 L	2 L	1.1 L
PCB-184	pg/L	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC

**Table 8**  
**Analytical Results for PCB Congeners in Porewater**

SampID	SampDate	Plot	SubPlot	LDW-Y2-SC-ENR+AC-CB-SSWI	LDW-Y2-SC-ENR+AC-CC-SSWI	LDW-Y2-SC-ENR+AC-CAD-SSWI	LDW-Y2-IN-ENR-CA-SSWI	LDW-Y2-IN-ENR-CB-SSWI	LDW-Y2-IN-ENR-CE-SSWI	LDW-Y2-IN-ENR+AC-CA-SSWI	LDW-Y2-IN-ENR+AC-CB-SSWI	LDW-Y2-IN-ENR+AC-CC-SSWI
				6/26/2019 Scour ENR+AC	6/26/2019 Scour ENR+AC	6/26/2019 Scour ENR+AC	6/24/2019 Intertidal ENR	6/24/2019 Intertidal ENR	6/24/2019 Intertidal ENR	6/24/2019 Intertidal ENR+AC	6/24/2019 Intertidal ENR+AC	6/24/2019 Intertidal ENR+AC
<b>Polychlorinated Biphenyls (PCBs)</b>												
PCB-185	pg/L			U	U L	U	0.32 J L	0.67 J L	U L	0.22 J L	0.47 J L	0.19 J L
PCB-186	pg/L			U	U L	U	0.14 J L	0.52 J L	U L	0.11 J L	0.32 J L	0.11 J L
PCB-187	pg/L			C182	C182	C182	C182	C182	C182	C182	C182	C182
PCB-188	pg/L			U	U L	U	0.24 J L	0.75 J L	U L	0.092 J L	0.32 J L	0.15 J L
PCB-189	pg/L			U	U L	U	U L	U L	U L	U L	U L	U L
PCB-190	pg/L			U	U L	U	0.28 J L	0.77 J L	0.17 J L	0.23 J L	0.55 J L	0.28 J L
PCB-191	pg/L			U	U L	U	U L	U L	U L	U L	U L	U L
PCB-192	pg/L			PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC
PCB-193	pg/L			U	U L	U	0.36 J L	0.71 J L	0.21 J L	0.21 J L	0.54 J L	0.24 J L
PCB-194	pg/L			0.028 J	2.7 J L	0.1 J L	0.27 J L	0.88 J L	0.11 J L	0.17 J L	0.51 J L	0.24 J L
PCB-195	pg/L			U	U L	0.05 J L	0.14 J L	0.56 J L	0.051 J L	0.091 J L	0.22 J L	0.14 J L
PCB-196	pg/L			0.056 C J	4.5 C J L	0.19 C L	0.39 C J L	1.5 C L	0.21 C L	0.3 C L	0.85 C L	0.38 C L
PCB-197	pg/L			0.0042 J	3.5 L	0.024 L	0.078 L	0.17 L	U B L	0.063 L	0.48 L	U B L
PCB-198	pg/L			U	U L	U L	U L	U L	U L	U L	U L	U L
PCB-199	pg/L			0.04 J	4.6 J L	0.13 L	0.46 L	1.6 L	0.15 J L	0.32 L	0.81 L	0.4 L
PCB-200	pg/L			U	U L	U L	U L	U L	U L	U L	U L	U L
PCB-201	pg/L			U	U L	U L	U L	U L	U L	U L	U L	U L
PCB-202	pg/L			U	U L	0.05 J L	0.15 J L	0.53 J L	0.057 J L	0.094 J L	0.21 J L	0.13 J L
PCB-203	pg/L			C196	C196	C196	C196	C196	C196	C196	C196	C196
PCB-204	pg/L			PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC
PCB-205	pg/L			U	U L	U L	U L	U L	U L	U L	U L	U L
PCB-206	pg/L			U	U L	0.023 J L	0.083 J L	0.38 J L	0.026 J L	0.056 J L	0.16 J L	0.069 J L
PCB-207	pg/L			U B J	0.55 L	0.0018 L	0.03 L	0.5 L	U B L	U B L	0.16 L	0.021 L
PCB-208	pg/L			U	U L	U L	U L	0.31 J L	U L	U L	0.13 J L	0.04 J L
PCB-209	pg/L			U B J	1.1 L	0.00088 L	0.027 L	0.79 L	0.0018 L	U B L	0.15 L	0.015 L

**Abbreviations:**

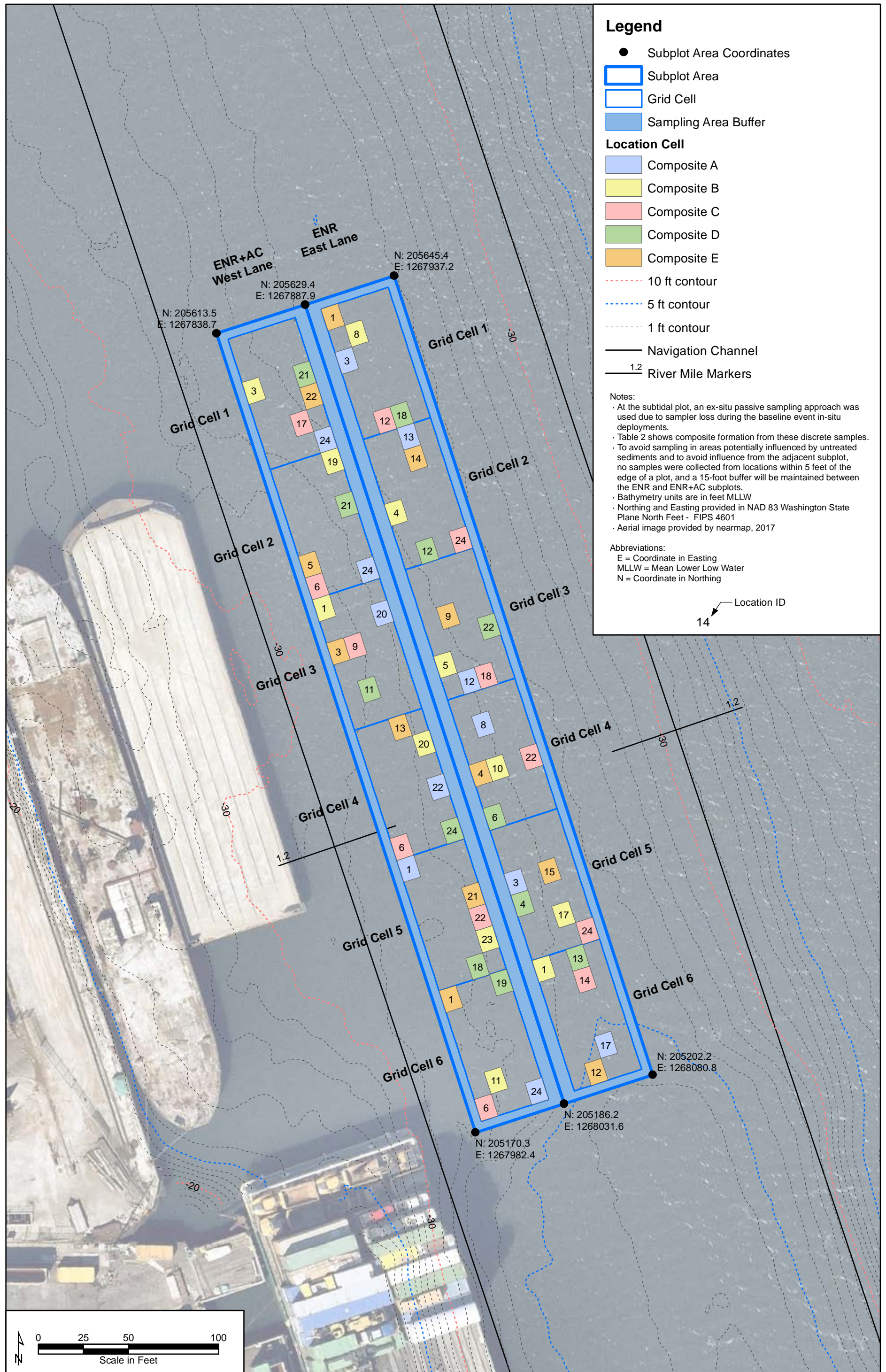
B = Background concentration exceeds detected concentration  
 C = Coelution with one or more PCB congeners; the numerical value indicates the lower congener co-eluter  
 ENR = Enhanced natural recovery  
 ENR+AC = Enhanced natural recovery amended with activated carbon  
 L = Percent to steady state less than 20%. Concentration is considered estimated.

J = Analyte concentration is below calibration range  
 PCB = Polychlorinated biphenyl  
 pg/L = picogram(s) per liter  
 PRC = Performance reference compound  
 U = Not detected at the estimated detection limit

## **FIGURES**

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**Legend**

- Subplot Area Coordinates
  - Subplot Area
  - Grid Cell
  - Sampling Area Buffer
- Location Cell**
- Composite A
  - Composite B
  - Composite C
  - Composite D
  - Composite E
- - - - 10 ft contour
  - - - - 5 ft contour
  - - - - 1 ft contour
  - Navigation Channel
  - 1.2 River Mile Markers

**Notes:**

- At the subtidal plot, an ex-situ passive sampling approach was used due to sampler loss during the baseline event in-situ deployments.
- Table 2 shows composite formation from these discrete samples.
- To avoid sampling in areas potentially influenced by untreated sediments and to avoid influence from the adjacent subplot, no samples were collected from locations within 5 feet of the edge of a plot, and a 15-foot buffer will be maintained between the ENR and ENR+AC subplots.
- Bathymetry units are in feet MLLW
- Northing and Easting provided in NAD 83 Washington State Plane North Feet - FIPS 4601
- Aerial image provided by nearmap, 2017

**Abbreviations:**  
 E = Coordinate in Easting  
 MLLW = Mean Lower Low Water  
 N = Coordinate in Northing

Location ID  
 14



**Legend**

- Subplot Coordinates
- ◆ Outfall
- ▭ Berthing
- ▭ Uplands Tax Parcel
- ▭ Subplot Area
- ▭ Grid Cells
- ▭ Sampling Area Buffer

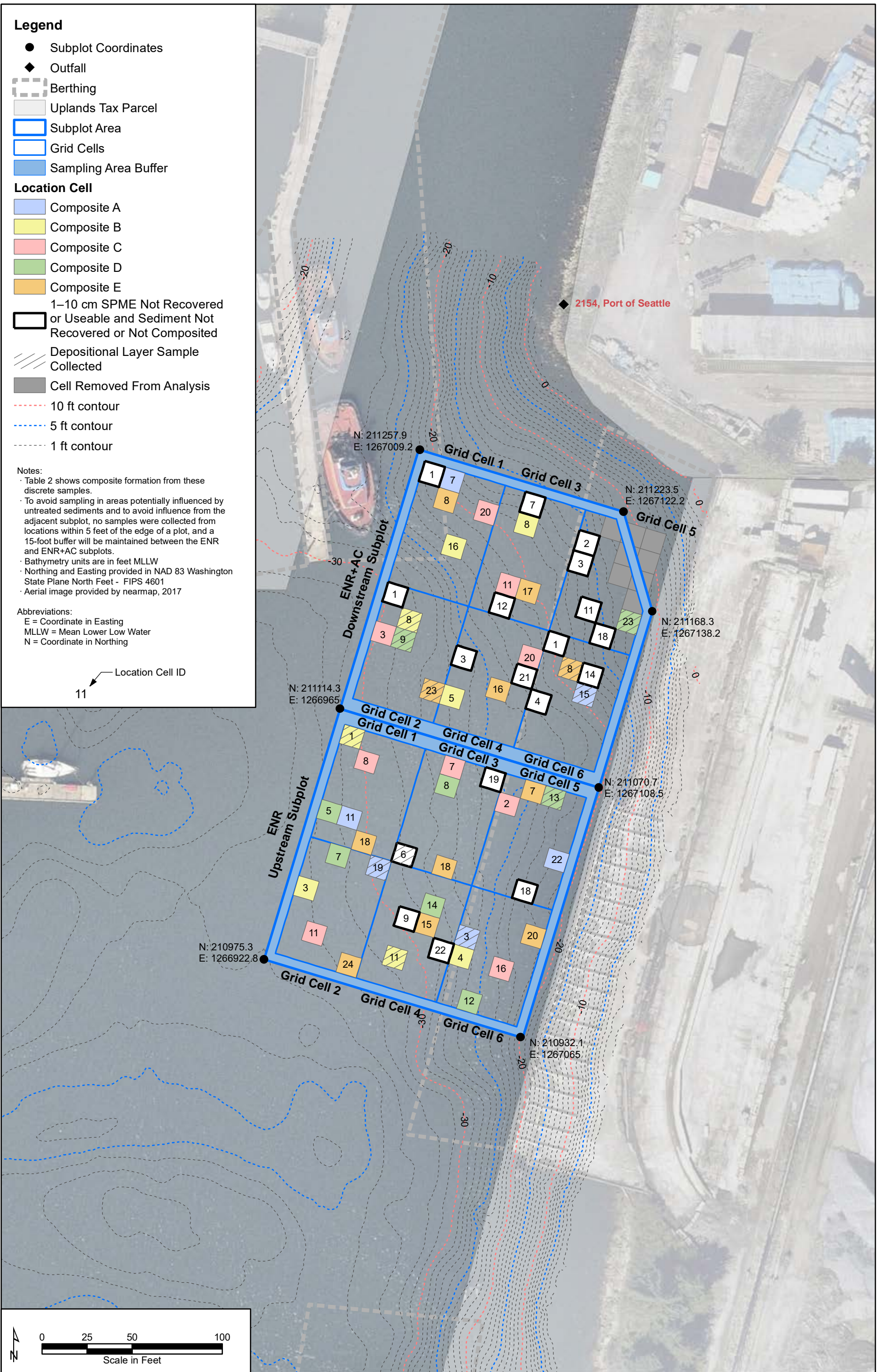
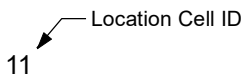
**Location Cell**

- ▭ Composite A
- ▭ Composite B
- ▭ Composite C
- ▭ Composite D
- ▭ Composite E
- ▭ 1-10 cm SPME Not Recovered or Useable and Sediment Not Recovered or Not Composited
- ▨ Depositional Layer Sample Collected
- ▭ Cell Removed From Analysis
- 10 ft contour
- 5 ft contour
- 1 ft contour

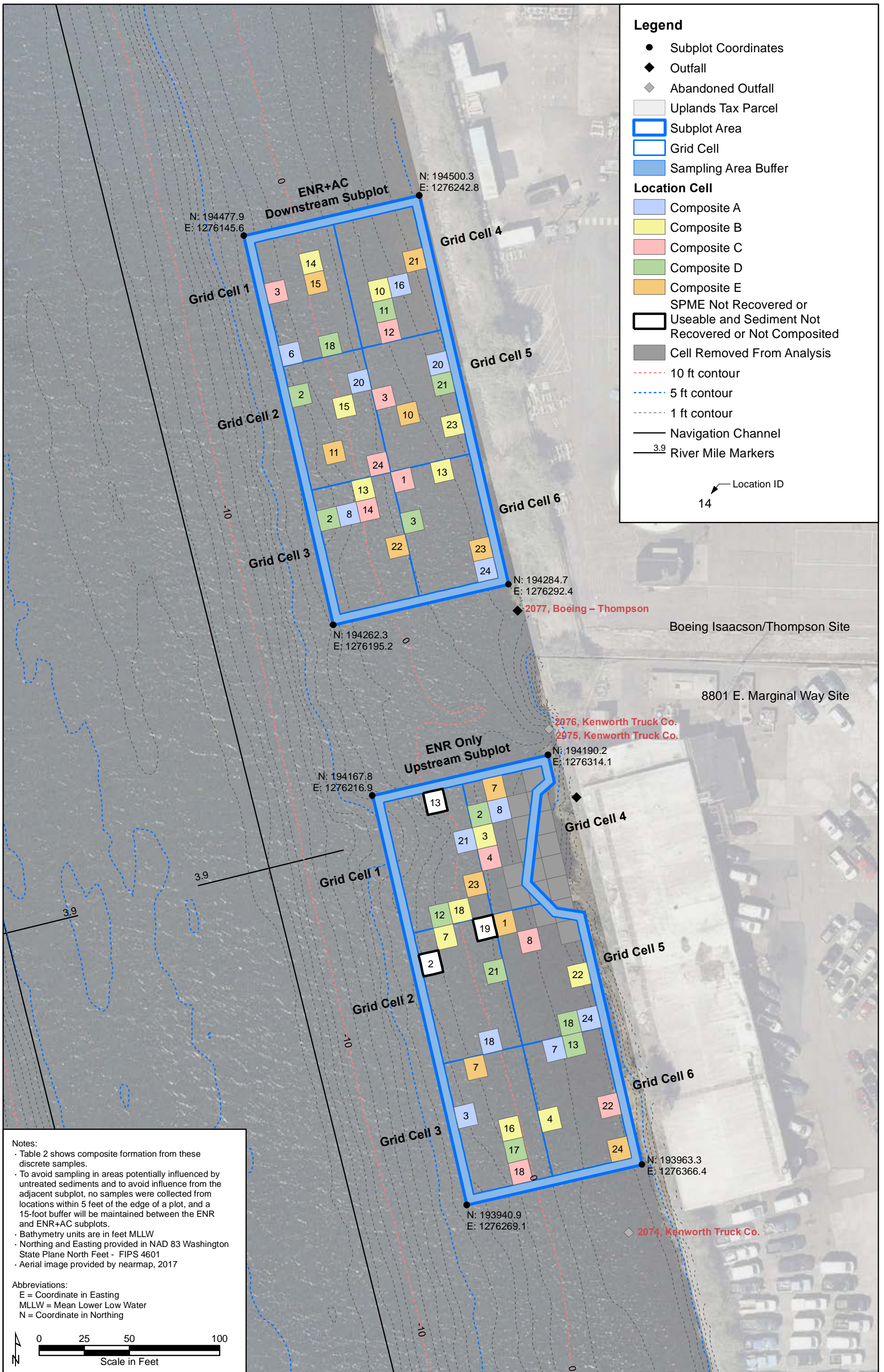
Notes:

- Table 2 shows composite formation from these discrete samples.
- To avoid sampling in areas potentially influenced by untreated sediments and to avoid influence from the adjacent subplot, no samples were collected from locations within 5 feet of the edge of a plot, and a 15-foot buffer will be maintained between the ENR and ENR+AC subplots.
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Abbreviations:  
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**Legend**

- Subplot Coordinates
- ◆ Outfall
- ◆ Abandoned Outfall
- Uplands Tax Parcel
- Subplot Area
- Grid Cell
- Sampling Area Buffer
- Location Cell**
- Composite A
- Composite B
- Composite C
- Composite D
- Composite E
- SPME Not Recovered or Useable and Sediment Not Recovered or Not Composited
- Cell Removed From Analysis
- 10 ft contour
- 5 ft contour
- 1 ft contour
- Navigation Channel
- 3.9 River Mile Markers

Location ID  
14

**Notes:**

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- Bathymetry units are in feet MLLW
- Northing and Easting provided in NAD 83 Washington State Plane North Feet - FIPS 4601
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**Abbreviations:**  
 E = Coordinate in Easting  
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