

# Lower Duwamish Waterway Group

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

## **BASELINE DATA PACKAGE**

Enhanced Natural Recovery/Activated Carbon Pilot Study

Lower Duwamish Waterway

## **FINAL**

*Prepared for:*

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

**Region 10**

Seattle, Washington

**The Washington State Department of Ecology**

**Northwest Regional Office**

Bellevue, Washington

*Prepared by:*

**Amec Foster Wheeler Environment & Infrastructure, Inc.**

**Dalton, Olmsted & Fuglevand, Inc.**

**Ramboll Environ**

**Floyd|Snider**

**Geosyntec Consultants**

April 3, 2017

Project No. LY15160310

## TABLE OF CONTENTS

	<b>Page</b>
1.0 INTRODUCTION.....	1
2.0 METHODS AND CHANGES FROM THE QAPP .....	1
2.1 SAMPLING LOCATIONS.....	2
2.2 SAMPLE COLLECTION AND COMPOSITING .....	2
2.3 SAMPLE ANALYSIS.....	3
3.0 DATA QUALIFIERS.....	3
4.0 RESULTS .....	3
5.0 REFERENCES .....	3

## TABLES

Table 1	Sample Location Coordinates
Table 2	Composite Formation
Table 3	Analytical Schedule
Table 4	Data Qualifier Definitions
Table 5	Field Collected Temperature and Conductivity and Calculation of Porewater Salinity
Table 6	Analytical Results for PCB Congeners in Porewater
Table 7	Analytical Results for Bulk Sediment

## FIGURES

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

# **LDW ENR/AC PILOT STUDY – BASELINE DATA PACKAGE**

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

### **Lower Duwamish Waterway**

## **1.0 INTRODUCTION**

This memorandum transmits the validated baseline data for the Lower Duwamish Waterway (LDW) the Enhanced Natural Recovery Activated Carbon (ENR/AC) Pilot Study consistent with the Statement of Work for the Second Amendment to the Administrative Order on Consent. These data characterize the in-situ sediment conditions prior to pilot study construction. Surface sediment samples were collected from the scour, intertidal, and subtidal plots to determine concentrations of polychlorinated biphenyls (PCBs), total organic carbon (TOC) content, black carbon (BC) content, grain size, and salinity. Freely dissolved porewater concentrations of PCBs were also determined using solid-phase microextraction (SPME).

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., 2017). Supporting information such as chain of custody forms, data validation reports, and CFree Calculation Memos will be included in the Year 1 Data Report, in accordance with the approved QAPP.

## **2.0 METHODS AND CHANGES FROM THE QAPP**

All methods and procedures outlined in the QAPP and QAPP Addendum 1 were followed in the collection and analysis of the samples, with the exceptions listed below. These changes did not affect the data quality and met the study objectives. Generally, these changes were either discussed with EPA prior to sampling event or with EPA oversight staff in the field.

1. At the intertidal and scour plots, a cookie-cutter, stainless-steel sampling device was used for sediment collection. The QAPP proposed shallow sediment cores be collected.
2. Porewater salinity measurements were made on board the sampling vessel using a conductivity meter (Myron L Ultrameter II 6P) rather than using an underwater probe as proposed in the QAPP.

3. Changes in passive sampling design include:

- a. SPME fibers had a polydimethylsiloxane (PDMS) coating thickness of 10 microns surrounding a 2-millimeter-diameter silica core (38 microliters of PDMS for each 60-centimeter fiber). The QAPP proposed thinner silica core diameter; however, the thicker diameter was more easily handled and processed.
- b. The average duration of deployment for the in situ SPME samplers was 5.5 weeks; the QAPP proposed 4 weeks. The longer duration did not affect the quality of data as it allowed more time for the SPMEs to come into steady state with the porewater conditions and did not appear to increase sampler loss.

## 2.1 SAMPLING LOCATIONS

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. Sampling locations were not changed from those proposed sampling locations. The actual sampling locations are provided in Table 1 and shown on Figures 1, 2, and 3.

## 2.2 SAMPLE COLLECTION AND COMPOSITING

Sediment samples were collected by hand cores at the intertidal and scour plots and by power grab sampler at the subtidal plot. After collection and logging, the surface sediment sample (top 10 centimeters) was homogenized and composited. To form the composite, in each subplot, three sediment samples from each of six grid cells were named “A”, “B”, or “C” locations, resulting in six “A”, “B”, and “C” locations in each subplot. The collected “A” samples were composited to form a sample, likewise for the “B” and “C” samples, resulting in three samples per subplot (Table 2). Two additional locations (“D” and “E”) were composited for archive purposes; further detail is provided in the QAPP.

At 12 locations SPMEs were not recovered and at 3 locations the SPME fibers were not usable (Table 2). At the locations where SPMEs were not recovered or the fiber was unusable, sediment from that location was not added to the sample composite. For the SPME fibers, the recovered or usable fibers were composited from the same stations where sediments were composited. The composite letter ID, location cells, grid cells, and subplot are detailed in Table 2.

Porewater was collected by syringe from the sediment surface by diver or from the grab sampler on the sampling vessel. Conductivity and temperature were measured in the field from these porewater samples; salinity was estimated based on these measurements.

## 2.3 SAMPLE ANALYSIS

Bulk sediment was analyzed for PCB congeners by EPA 1668C, total organic carbon by EPA 9060, black carbon by Gustafsson et al. (1997), and grain size (ASTM 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). (2012) and analyzed for PCB congeners by EPA 1668C. The analytical schedule for each sample is shown in Table 3.

## 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 field collected data and calculated salinity results are provided in Table 5, analytical results for PCB congener porewater concentrations in Table 6, and analytical results for bulk sediment in Table 7.

## 5.0 REFERENCES

AMEC 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.

AMEC et al. (Amec Foster Wheeler; Dalton, Olmsted & Fuglevand, Inc.; Ramboll Environ; Floyd|Snider; and Geosyntec Consultants). 2017. Quality Assurance Project Plan Addendum 1, Enhanced Natural Recovery/Activated Carbon Pilot Study, Lower Duwamish Waterway, Ex Situ SPME Sampling at the Subtidal Plot. Lower Duwamish Waterway Group, Seattle, WA. February 25.

Conder, J.M., La Point, T.W., Lotufo, G.R., and Steevens, J.A. 2003. Nondestructive, minimal-disturbance, direct-burial solid phase microextraction fiber technique for measuring TNT in sediment. *Environ. Sci. Technol.* 37:1625-1632.

Gustafsson, Ö., Haghseta, F., Chan, C., MacFarlane, J., and Gschwend, P.M. 1997. Quantification of the dilute sedimentary soot phase: Implications for PAH speciation and bioavailability. *Environ. Sci. Technol.* 31: 203-209.

Harwood, A.D., Landrum, P.F., and Lydy, M.J. 2012. A comparison of exposure methods for SPME-based bioavailability estimates. *Chemosphere* 86: 506-511.

Lu, X., Skwarski, A., Drake, B., and Reible, D.D. 2011. Predicting bioavailability of PAHs and PCBs with porewater concentrations measured by solid-phase microextraction fibers. *Environ. Toxicol. Chem.* 30: 1109-1116.

Oen, A.M.P., Janssen, E.M.L., Cornelissen, G., Breedveld, G.D., Eek, E., and Luthy, R.G. 2011. In situ measurement of PCB pore water concentration profiles in activated carbon-amended sediment using passive samplers. *Environ. Sci. Technol.* 45: 4053-4059.

Yang, Z., Maruya, K.A., Greenstein, D., Tsukada, D., and Zeng, E.Y. 2008. Experimental verification of a model describing solid phase microextraction (SPME) of freely dissolved organic pollutants in sediment porewater. *Chemosphere* 72:1435-1440.

You, J., Pehkonen, S., Landrum, P.F., and Lydy, M.J. 2007. Desorption of hydrophobic compounds from laboratory-spiked sediments measured by Tenax absorbent and matrix solid-phase microextraction. *Environ. Sci. Technol.* 41: 5672-5678.

## **TABLES**

---

**Table 1  
Sample Location Coordinates**

Plot	Subplot	Treatment	Discrete SPME Sample ID	Discrete Sediment Sample ID	Grid Cell	Location Cell	Composite	X	Y	
Subtidal	East Lane	ENR	NA	LDW-BA-SU-ENR-1-A-CORE	1	19	A	1267931.2	205631.6	
				LDW-BA-SU-ENR-1-B-CORE	1	6	B	1267922.8	205562.2	
				LDW-BA-SU-ENR-1-C-CORE	1	12	C	1267932.1	205565.3	
				LDW-BA-SU-ENR-1-D-CORE	1	18	D	1267941.4	205568.3	
				LDW-BA-SU-ENR-1-E-CORE	1	11	E	1267928.2	205577.3	
				LDW-BA-SU-ENR-2-A-CORE	2	13	A	1267945.3	205556.2	
				LDW-BA-SU-ENR-2-B-CORE	2	11	B	1267951.6	205505.0	
				LDW-BA-SU-ENR-2-C-CORE	2	9	C	1267943.8	205529.1	
				LDW-BA-SU-ENR-2-D-CORE	2	16	D	1267957.0	205520.1	
				LDW-BA-SU-ENR-2-E-CORE	2	10	E	1267947.7	205517.1	
				LDW-BA-SU-ENR-3-A-CORE	3	19	A	1267978.1	205487.0	
				LDW-BA-SU-ENR-3-B-CORE	3	9	B	1267967.2	205456.8	
				LDW-BA-SU-ENR-3-C-CORE	3	7	C	1267959.4	205480.9	
				LDW-BA-SU-ENR-3-D-CORE	3	12	D	1267978.9	205420.7	
				LDW-BA-SU-ENR-3-E-CORE	3	13	E	1267968.8	205484.0	
				LDW-BA-SU-ENR-4-A-CORE	4	19	A	1268001.5	205414.7	
				LDW-BA-SU-ENR-4-B-CORE	4	4	B	1267985.2	205369.5	
				LDW-BA-SU-ENR-4-C-CORE	4	3	C	1267981.3	205381.5	
				LDW-BA-SU-ENR-4-D-CORE	4	11	D	1267998.5	205360.5	
				LDW-BA-SU-ENR-4-E-CORE	4	13	E	1267992.2	205411.7	
				LDW-BA-SU-ENR-5-A-CORE	5	9	A	1268014.1	205312.3	
				LDW-BA-SU-ENR-5-B-CORE	5	14	B	1268019.5	205327.3	
				LDW-BA-SU-ENR-5-C-CORE	5	2	C	1268000.9	205321.3	
				LDW-BA-SU-ENR-5-D-CORE	5	24	D	1268044.5	205282.2	
				LDW-BA-SU-ENR-5-E-CORE	5	12	E	1268025.8	205276.1	
				LDW-BA-SU-ENR-6-A-CORE	6	12	A	1268049.2	205203.8	
				LDW-BA-SU-ENR-6-B-CORE	6	8	B	1268033.6	205252.0	
				LDW-BA-SU-ENR-6-C-CORE	6	11	C	1268045.3	205215.9	
				LDW-BA-SU-ENR-6-D-CORE	6	3	D	1268028.2	205237.0	
				LDW-BA-SU-ENR-6-E-CORE	6	9	E	1268037.5	205240.0	
		West Lane	ENR+AC	NA	LDW-BA-SU-ENR+AC-1-A-CORE	1	23	A	1267895.3	205566.6
					LDW-BA-SU-ENR+AC-1-B-CORE	1	16	B	1267882.0	205575.7
					LDW-BA-SU-ENR+AC-1-C-CORE	1	6	C	1267871.2	205545.5
					LDW-BA-SU-ENR+AC-1-D-CORE	1	21	D	1267887.4	205590.7
					LDW-BA-SU-ENR+AC-1-E-CORE	1	20	E	1267883.5	205602.8
					LDW-BA-SU-ENR+AC-2-A-CORE	2	10	A	1267896.1	205500.4
					LDW-BA-SU-ENR+AC-2-B-CORE	2	23	B	1267918.7	205494.4
					LDW-BA-SU-ENR+AC-2-C-CORE	2	2	C	1267879.0	205521.4
					LDW-BA-SU-ENR+AC-2-D-CORE	2	13	D	1267893.7	205539.5
					LDW-BA-SU-ENR+AC-2-E-CORE	2	18	E	1267913.3	205479.3
					LDW-BA-SU-ENR+AC-3-A-CORE	3	10	A	1267919.5	205428.1
					LDW-BA-SU-ENR+AC-3-B-CORE	3	7	B	1267907.8	205464.2
	LDW-BA-SU-ENR+AC-3-C-CORE				3	24	C	1267946.0	205410.0	
	LDW-BA-SU-ENR+AC-3-D-CORE				3	11	D	1267923.4	205416.0	
	LDW-BA-SU-ENR+AC-3-E-CORE				3	20	E	1267930.4	205458.2	
	LDW-BA-SU-ENR+AC-4-A-CORE				4	6	A	1267941.4	205328.7	
	LDW-BA-SU-ENR+AC-4-B-CORE				4	18	B	1267960.1	205334.7	
	LDW-BA-SU-ENR+AC-4-C-CORE				4	3	C	1267929.7	205364.8	
	LDW-BA-SU-ENR+AC-4-D-CORE				4	5	D	1267937.5	205340.7	
	LDW-BA-SU-ENR+AC-4-E-CORE				4	22	E	1267961.6	205361.8	
	LDW-BA-SU-ENR+AC-5-A-CORE				5	18	A	1267983.5	205262.4	
	LDW-BA-SU-ENR+AC-5-B-CORE				5	11	B	1267970.3	205271.5	
	LDW-BA-SU-ENR+AC-5-C-CORE				5	12	C	1267974.2	205259.4	
	LDW-BA-SU-ENR+AC-5-D-CORE				5	19	D	1267973.3	205325.7	
	LDW-BA-SU-ENR+AC-5-E-CORE				5	9	E	1267962.5	205295.5	
	LDW-BA-SU-ENR+AC-6-A-CORE				6	18	A	1268007.0	205190.1	
	LDW-BA-SU-ENR+AC-6-B-CORE				6	1	B	1267968.8	205244.3	
	LDW-BA-SU-ENR+AC-6-C-CORE				6	22	C	1268008.5	205217.3	
	LDW-BA-SU-ENR+AC-6-D-CORE				6	19	D	1267996.8	205253.4	
	LDW-BA-SU-ENR+AC-6-E-CORE				6	8	E	1267982.0	205235.3	



**Table 1  
Sample Location Coordinates**

Plot	Subplot	Treatment	Discrete SPME Sample ID	Discrete Sediment Sample ID	Grid Cell	Location Cell	Composite	X	Y
Scour	Upstream	ENR	LDW-BA-SC-ENR-1-A-S010-SPME	LDW-BA-SC-ENR-1-A-CORE	1	3	A	1266965.3	211078.0
			LDW-BA-SC-ENR-1-B-S010-SPME	LDW-BA-SC-ENR-1-B-CORE	1	24	B	1266989.3	211036.7
			LDW-BA-SC-ENR-1-C-S010-SPME	LDW-BA-SC-ENR-1-C-CORE	1	1	C	1266971.6	211098.8
			LDW-BA-SC-ENR-1-D-S010-SPME	LDW-BA-SC-ENR-1-D-CORE	1	6	D	1266955.8	211046.9
			LDW-BA-SC-ENR-1-E-S010-SPME	LDW-BA-SC-ENR-1-E-CORE	1	9	E	1266976.5	211074.6
			LDW-BA-SC-ENR-2-A-S010-SPME	LDW-BA-SC-ENR-2-A-CORE	2	10	A	1266954.0	211000.5
			LDW-BA-SC-ENR-2-B-S010-SPME	LDW-BA-SC-ENR-2-B-CORE	2	12	B	1266947.4	210979.0
			LDW-BA-SC-ENR-2-C-S010-SPME	LDW-BA-SC-ENR-2-C-CORE	2	19	C	1266986.1	211026.1
			LDW-BA-SC-ENR-2-D-S010-SPME	LDW-BA-SC-ENR-2-D-CORE	2	17	D	1266961.8	210986.4
			LDW-BA-SC-ENR-2-E-S010-SPME	LDW-BA-SC-ENR-2-E-CORE	2	3	E	1266946.1	211014.7
			LDW-BA-SC-ENR-3-A-S010-SPME	LDW-BA-SC-ENR-3-A-CORE	3	6	A	1267000.5	211033.3
			LDW-BA-SC-ENR-3-B-S010-SPME	LDW-BA-SC-ENR-3-B-CORE	3	10	B	1267018.0	211050.7
			LDW-BA-SC-ENR-3-C-S010-SPME	LDW-BA-SC-ENR-3-C-CORE	3	19	C	1267049.7	211075.0
			LDW-BA-SC-ENR-3-D-S010-SPME	LDW-BA-SC-ENR-3-D-CORE	3	9	D	1267021.1	211061.0
			LDW-BA-SC-ENR-3-E-S010-SPME	LDW-BA-SC-ENR-3-E-CORE	3	23	E	1267037.1	211033.5
			LDW-BA-SC-ENR-4-A-S010-SPME	LDW-BA-SC-ENR-4-A-CORE	4	7	A	1267008.4	211019.3
			LDW-BA-SC-ENR-4-B-S010-SPME	LDW-BA-SC-ENR-4-B-CORE	4	9	B	1267001.9	210997.8
			LDW-BA-SC-ENR-4-C-S010-SPME	LDW-BA-SC-ENR-4-C-CORE	4	13	C	1267019.6	211015.9
			LDW-BA-SC-ENR-4-D-S010-SPME	LDW-BA-SC-ENR-4-D-CORE	4	1	D	1266997.3	211022.7
			LDW-BA-SC-ENR-4-E-S010-SPME	LDW-BA-SC-ENR-4-E-CORE	4	15	E	1267013.0	210994.4
			LDW-BA-SC-ENR-5-A-S010-SPME	LDW-BA-SC-ENR-5-A-CORE	5	1	A	1267060.9	211071.6
	LDW-BA-SC-ENR-5-B-S010-SPME	LDW-BA-SC-ENR-5-B-CORE	5	12	B	1267056.3	211016.3		
	SPME not recovered.	Core not collected.	5	4	C	1267051.4	211040.5		
	LDW-BA-SC-ENR-5-D-S010-SPME	LDW-BA-SC-ENR-5-D-CORE	5	20	D	1267091.2	211051.1		
	SPME not recovered.	Core not collected.	5	18	E	1267067.5	211012.9		
	LDW-BA-SC-ENR-6-A-S010-SPME	LDW-BA-SC-ENR-6-A-CORE	6	20	A	1267072.1	210988.2		
	LDW-BA-SC-ENR-6-B-S010-SPME	LDW-BA-SC-ENR-6-B-CORE	6	3	B	1267035.4	210987.6		
	LDW-BA-SC-ENR-6-C-S010-SPME	LDW-BA-SC-ENR-6-C-CORE	6	6	C	1267025.5	210955.2		
	LDW-BA-SC-ENR-6-D-S010-SPME	LDW-BA-SC-ENR-6-D-CORE	6	23	D	1267062.3	210955.9		
	LDW-BA-SC-ENR-6-E-S010-SPME	LDW-BA-SC-ENR-6-E-CORE	6	8	E	1267049.8	210995.0		
	Downstream	ENR+AC	LDW-BA-SC-ENR+AC-1-A-S010-SPME	LDW-BA-SC-ENR+AC-1-A-CORE	1	11	A	1267013.4	211196.4
			LDW-BA-SC-ENR+AC-1-B-S010-SPME	LDW-BA-SC-ENR+AC-1-B-CORE	1	7	B	1267027.0	211241.1
			LDW-BA-SC-ENR+AC-1-C-S010-SPME	LDW-BA-SC-ENR+AC-1-C-CORE	1	21	C	1267042.6	211212.0
			LDW-BA-SC-ENR+AC-1-D-S010-SPME	LDW-BA-SC-ENR+AC-1-D-CORE	1	12	D	1267010.0	211185.2
			LDW-BA-SC-ENR+AC-1-E-S010-SPME	LDW-BA-SC-ENR+AC-1-E-CORE	1	24	E	1267032.4	211178.4
			LDW-BA-SC-ENR+AC-2-A-S010-SPME	LDW-BA-SC-ENR+AC-2-A-CORE	2	8	A	1267003.4	211163.4
			LDW-BA-SC-ENR+AC-2-B-S010-SPME	LDW-BA-SC-ENR+AC-2-B-CORE	2	14	B	1267014.6	211160.0
			LDW-BA-SC-ENR+AC-2-C-S010-SPME	LDW-BA-SC-ENR+AC-2-C-CORE	2	20	C	1267025.8	211156.7
			LDW-BA-SC-ENR+AC-2-D-S010-SPME	LDW-BA-SC-ENR+AC-2-D-CORE	2	13	D	1267017.9	211170.8
			LDW-BA-SC-ENR+AC-2-E-S010-SPME	LDW-BA-SC-ENR+AC-2-E-CORE	2	11	E	1266993.6	211131.1
			LDW-BA-SC-ENR+AC-3-A-S010-SPME	LDW-BA-SC-ENR+AC-3-A-CORE	3	20	A	1267090.6	211209.6
			LDW-BA-SC-ENR+AC-3-B-S010-SPME	LDW-BA-SC-ENR+AC-3-B-CORE	3	8	B	1267068.3	211216.4
LDW-BA-SC-ENR+AC-3-C-S010-SPME			LDW-BA-SC-ENR+AC-3-C-CORE	3	19	C	1267094.0	211220.8	
LDW-BA-SC-ENR+AC-3-D-S010-SPME			LDW-BA-SC-ENR+AC-3-D-CORE	3	15	D	1267076.1	211201.8	
LDW-BA-SC-ENR+AC-3-E-S010-SPME			LDW-BA-SC-ENR+AC-3-E-CORE	3	23	E	1267080.4	211176.0	
LDW-BA-SC-ENR+AC-4-A-S010-SPME			LDW-BA-SC-ENR+AC-4-A-CORE	4	1	A	1267040.2	211164.1	
LDW-BA-SC-ENR+AC-4-B-S010-SPME			LDW-BA-SC-ENR+AC-4-B-CORE	4	7	B	1267051.4	211160.7	
LDW-BA-SC-ENR+AC-4-C-S010-SPME			LDW-BA-SC-ENR+AC-4-C-CORE	4	15	C	1267056.0	211135.7	
LDW-BA-SC-ENR+AC-4-D-S010-SPME			LDW-BA-SC-ENR+AC-4-D-CORE	4	8	D	1267048.1	211149.9	
LDW-BA-SC-ENR+AC-4-E-S010-SPME			LDW-BA-SC-ENR+AC-4-E-CORE	4	14	E	1267059.2	211146.5	
LDW-BA-SC-ENR+AC-5-A-S010-SPME			LDW-BA-SC-ENR+AC-5-A-CORE	5	17	A	1267113.9	211165.9	
LDW-BA-SC-ENR+AC-5-B-S010-SPME			LDW-BA-SC-ENR+AC-5-B-CORE	5	8	B	1267112.9	211202.8	
LDW-BA-SC-ENR+AC-5-C-S010-SPME			LDW-BA-SC-ENR+AC-5-C-CORE	5	11	C	1267102.7	211169.3	
LDW-BA-SC-ENR+AC-5-D-S010-SPME			LDW-BA-SC-ENR+AC-5-D-CORE	5	6	D	1267088.2	211161.5	
LDW-BA-SC-ENR+AC-5-E-S010-SPME			LDW-BA-SC-ENR+AC-5-E-CORE	5	5	E	1267091.6	211172.7	
LDW-BA-SC-ENR+AC-6-A-S010-SPME			LDW-BA-SC-ENR+AC-6-A-CORE	6	2	A	1267081.6	211139.7	
LDW-BA-SC-ENR+AC-6-B-S010-SPME			LDW-BA-SC-ENR+AC-6-B-CORE	6	6	B	1267068.5	211096.5	
LDW-BA-SC-ENR+AC-6-C-S010-SPME			LDW-BA-SC-ENR+AC-6-C-CORE	6	7	C	1267096.0	211147.1	
LDW-BA-SC-ENR+AC-6-D-S010-SPME			LDW-BA-SC-ENR+AC-6-D-CORE	6	1	D	1267084.9	211150.5	
LDW-BA-SC-ENR+AC-6-E-S010-SPME			LDW-BA-SC-ENR+AC-6-E-CORE	6	23	E	1267105.2	211097.2	

**Table 1  
Sample Location Coordinates**

Plot	Subplot	Treatment	Discrete SPME Sample ID	Discrete Sediment Sample ID	Grid Cell	Location Cell	Composite	X	Y
Intertidal	Upstream	ENR	LDW-BA-IN-ENR-1-A-S010-SPME	LDW-BA-IN-ENR-1-A-CORE	1	23	A	1276273.7	194118.6
			LDW-BA-IN-ENR-1-B-S010-SPME	LDW-BA-IN-ENR-1-B-CORE	1	22	B	1276270.9	194130.6
			LDW-BA-IN-ENR-1-C-S010-SPME	LDW-BA-IN-ENR-1-C-CORE	1	1	C	1276229.8	194159.3
			LDW-BA-IN-ENR-1-D-S010-SPME	LDW-BA-IN-ENR-1-D-CORE	1	21	D	1276268.1	194142.7
			LDW-BA-IN-ENR-1-E-S010-SPME	LDW-BA-IN-ENR-1-E-CORE	1	15	E	1276257.2	194140.2
			LDW-BA-IN-ENR-2-A-S010-SPME	LDW-BA-IN-ENR-2-A-CORE	2	23	A	1276290.3	194046.2
			LDW-BA-IN-ENR-2-B-S010-SPME	LDW-BA-IN-ENR-2-B-CORE	2	22	B	1276287.6	194058.3
			LDW-BA-IN-ENR-2-C-S010-SPME	LDW-BA-IN-ENR-2-C-CORE	2	20	C	1276282.0	194082.4
			LDW-BA-IN-ENR-2-D-S010-SPME	LDW-BA-IN-ENR-2-D-CORE	2	14	D	1276271.1	194079.9
			LDW-BA-IN-ENR-2-E-S010-SPME	LDW-BA-IN-ENR-2-E-CORE	2	17	E	1276279.4	194043.7
			SPME not recovered.	Core not collected.	3	3	A	1276268.6	193990.4
			SPME not usable.	Sediment not composited	3	17	B	1276296.1	193971.3
			LDW-BA-IN-ENR-3-C-S010-SPME	LDW-BA-IN-ENR-3-C-CORE	3	7	C	1276274.0	194017.0
			SPME not recovered.	Core not collected.	3	1	D	1276263.1	194014.5
			LDW-BA-IN-ENR-3-E-S010-SPME	LDW-BA-IN-ENR-3-E-CORE	3	9	E	1276279.6	193992.9
			LDW-BA-IN-ENR-4-A-S010-SPME	LDW-BA-IN-ENR-4-A-CORE	4	8	A	1276287.2	194159.8
			LDW-BA-IN-ENR-4-B-S010-SPME	LDW-BA-IN-ENR-4-B-CORE	4	2	B	1276276.3	194157.3
			SPME not recovered.	Core not collected.	4	3	C	1276279.1	194145.2
			LDW-BA-IN-ENR-4-D-S010-SPME	LDW-BA-IN-ENR-4-D-CORE	4	4	D	1276281.8	194133.2
			LDW-BA-IN-ENR-4-E-S010-SPME	LDW-BA-IN-ENR-4-E-CORE	4	10	E	1276292.8	194135.7
			LDW-BA-IN-ENR-5-A-S010-SPME	LDW-BA-IN-ENR-5-A-CORE	5	7	A	1276301.1	194099.5
			LDW-BA-IN-ENR-5-B-S010-SPME	LDW-BA-IN-ENR-5-B-CORE	5	14	B	1276314.8	194089.9
			LDW-BA-IN-ENR-5-C-S010-SPME	LDW-BA-IN-ENR-5-C-CORE	5	22	C	1276331.3	194068.3
			LDW-BA-IN-ENR-5-D-S010-SPME	LDW-BA-IN-ENR-5-D-CORE	5	17	D	1276323.1	194053.7
	LDW-BA-IN-ENR-5-E-S010-SPME	LDW-BA-IN-ENR-5-E-CORE	5	10	E	1276309.4	194063.3		
	LDW-BA-IN-ENR-6-A-S010-SPME	LDW-BA-IN-ENR-6-A-CORE	6	21	A	1276345.2	194008.0		
	LDW-BA-IN-ENR-6-B-S010-SPME	LDW-BA-IN-ENR-6-B-CORE	6	22	B	1276348.0	193995.9		
	LDW-BA-IN-ENR-6-C-S010-SPME	LDW-BA-IN-ENR-6-C-CORE	6	18	C	1276342.6	193969.3		
	LDW-BA-IN-ENR-6-D-S010-SPME	LDW-BA-IN-ENR-6-D-CORE	6	24	D	1276353.5	193971.8		
	LDW-BA-IN-ENR-6-E-S010-SPME	LDW-BA-IN-ENR-6-E-CORE	6	16	E	1276337.0	193993.4		
	LDW-BA-IN-ENR+AC-1-A-S010-SPME	LDW-BA-IN-ENR+AC-1-A-CORE	1	11	A	1276179.8	194426.5		
	LDW-BA-IN-ENR+AC-1-B-S010-SPME	LDW-BA-IN-ENR+AC-1-B-CORE	1	23	B	1276201.7	194431.5		
	LDW-BA-IN-ENR+AC-1-C-S010-SPME	LDW-BA-IN-ENR+AC-1-C-CORE	1	20	C	1276193.8	194465.8		
	LDW-BA-IN-ENR+AC-1-D-S010-SPME	LDW-BA-IN-ENR+AC-1-D-CORE	1	6	D	1276171.5	194412.5		
	LDW-BA-IN-ENR+AC-1-E-S010-SPME	LDW-BA-IN-ENR+AC-1-E-CORE	1	5	E	1276168.9	194423.9		
	LDW-BA-IN-ENR+AC-2-A-S010-SPME	LDW-BA-IN-ENR+AC-2-A-CORE	2	21	A	1276212.2	194385.8		
	SPME not recovered.	Sediment not composited	2	12	B	1276198.2	194346.4		
	LDW-BA-IN-ENR+AC-2-C-S010-SPME	LDW-BA-IN-ENR+AC-2-C-CORE	2	10	C	1276193.0	194369.3		
	LDW-BA-IN-ENR+AC-2-D-S010-SPME	LDW-BA-IN-ENR+AC-2-D-CORE	2	7	D	1276185.1	194403.6		
	LDW-BA-IN-ENR+AC-2-E-S010-SPME	LDW-BA-IN-ENR+AC-2-E-CORE	2	2	E	1276176.8	194389.6		
	LDW-BA-IN-ENR+AC-3-A-S010-SPME	LDW-BA-IN-ENR+AC-3-A-CORE	3	22	A	1276230.6	194305.7		
	LDW-BA-IN-ENR+AC-3-B-S010-SPME	LDW-BA-IN-ENR+AC-3-B-CORE	3	23	B	1276233.3	194294.3		
	LDW-BA-IN-ENR+AC-3-C-S010-SPME	LDW-BA-IN-ENR+AC-3-C-CORE	3	3	C	1276195.2	194309.6		
	LDW-BA-IN-ENR+AC-3-D-S010-SPME	LDW-BA-IN-ENR+AC-3-D-CORE	3	14	D	1276214.4	194326.1		
	LDW-BA-IN-ENR+AC-3-E-S010-SPME	LDW-BA-IN-ENR+AC-3-E-CORE	3	10	E	1276208.8	194300.7		
	SPME not recovered.	Core not collected.	4	1	A	1276202.1	194479.8		
	LDW-BA-IN-ENR+AC-4-B-S010-SPME	LDW-BA-IN-ENR+AC-4-B-CORE	4	23	B	1276245.4	194441.6		
	LDW-BA-IN-ENR+AC-4-C-S010-SPME	LDW-BA-IN-ENR+AC-4-C-CORE	4	19	C	1276234.9	194487.3		
LDW-BA-IN-ENR+AC-4-D-S010-SPME	LDW-BA-IN-ENR+AC-4-D-CORE	4	5	D	1276212.6	194434.0			
LDW-BA-IN-ENR+AC-4-E-S010-SPME	LDW-BA-IN-ENR+AC-4-E-CORE	4	17	E	1276234.5	194439.1			
LDW-BA-IN-ENR+AC-5-A-S010-SPME	LDW-BA-IN-ENR+AC-5-A-CORE	5	3	A	1276223.1	194388.3			
LDW-BA-IN-ENR+AC-5-B-S010-SPME	LDW-BA-IN-ENR+AC-5-B-CORE	5	5	B	1276228.4	194365.4			
LDW-BA-IN-ENR+AC-5-C-S010-SPME	LDW-BA-IN-ENR+AC-5-C-CORE	5	1	C	1276217.9	194411.1			
LDW-BA-IN-ENR+AC-5-D-S010-SPME	LDW-BA-IN-ENR+AC-5-D-CORE	5	12	D	1276242.0	194356.5			
LDW-BA-IN-ENR+AC-5-E-S010-SPME	LDW-BA-IN-ENR+AC-5-E-CORE	5	23	E	1276261.2	194373.0			
LDW-BA-IN-ENR+AC-6-A-S010-SPME	LDW-BA-IN-ENR+AC-6-A-CORE	6	18	A	1276268.7	194290.4			
LDW-BA-IN-ENR+AC-6-B-S010-SPME	LDW-BA-IN-ENR+AC-6-B-CORE	6	2	B	1276236.3	194331.1			
LDW-BA-IN-ENR+AC-6-C-S010-SPME	LDW-BA-IN-ENR+AC-6-C-CORE	6	14	C	1276258.2	194336.1			
LDW-BA-IN-ENR+AC-6-D-S010-SPME	LDW-BA-IN-ENR+AC-6-D-CORE	6	17	D	1276266.1	194301.8			
LDW-BA-IN-ENR+AC-6-E-S010-SPME	LDW-BA-IN-ENR+AC-6-E-CORE	6	12	E	1276257.8	194287.9			

**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  
SPME = Solid-phase microextraction

**Table 2  
Composite Formation**

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	19	A	LDW-BA-SU-ENR-1-A-S010-SPME	LDW-BA-SU-ENR-CA-S010	LDW-BA-SU-ENR-1-A-CORE	LDW-BA-SU-ENR-CA-CORE
Subtidal	ENR	2	13	A	LDW-BA-SU-ENR-2-A-S010-SPME		LDW-BA-SU-ENR-2-A-CORE	
Subtidal	ENR	3	19	A	LDW-BA-SU-ENR-3-A-S010-SPME		LDW-BA-SU-ENR-3-A-CORE	
Subtidal	ENR	4	19	A	LDW-BA-SU-ENR-4-A-S010-SPME		LDW-BA-SU-ENR-4-A-CORE	
Subtidal	ENR	5	9	A	LDW-BA-SU-ENR-5-A-S010-SPME		LDW-BA-SU-ENR-5-A-CORE	
Subtidal	ENR	6	12	A	LDW-BA-SU-ENR-6-A-S010-SPME		LDW-BA-SU-ENR-6-A-CORE	
Subtidal	ENR	1	6	B	LDW-BA-SU-ENR-1-B-S010-SPME	LDW-BA-SU-ENR-CB-S010	LDW-BA-SU-ENR-1-B-CORE	LDW-BA-SU-ENR-CB-CORE
Subtidal	ENR	2	11	B	LDW-BA-SU-ENR-2-B-S010-SPME		LDW-BA-SU-ENR-2-B-CORE	
Subtidal	ENR	3	9	B	LDW-BA-SU-ENR-3-B-S010-SPME		LDW-BA-SU-ENR-3-B-CORE	
Subtidal	ENR	4	4	B	LDW-BA-SU-ENR-4-B-S010-SPME		LDW-BA-SU-ENR-4-B-CORE	
Subtidal	ENR	5	14	B	LDW-BA-SU-ENR-5-B-S010-SPME		LDW-BA-SU-ENR-5-B-CORE	
Subtidal	ENR	6	8	B	LDW-BA-SU-ENR-6-B-S010-SPME		LDW-BA-SU-ENR-6-B-CORE	
Subtidal	ENR	1	12	C	LDW-BA-SU-ENR-1-C-S010-SPME	LDW-BA-SU-ENR-CC-S010	LDW-BA-SU-ENR-1-C-CORE	LDW-BA-SU-ENR-CC-CORE
Subtidal	ENR	2	9	C	LDW-BA-SU-ENR-2-C-S010-SPME		LDW-BA-SU-ENR-2-C-CORE	
Subtidal	ENR	3	7	C	LDW-BA-SU-ENR-3-C-S010-SPME		LDW-BA-SU-ENR-3-C-CORE	
Subtidal	ENR	4	3	C	LDW-BA-SU-ENR-4-C-S010-SPME		LDW-BA-SU-ENR-4-C-CORE	
Subtidal	ENR	5	2	C	LDW-BA-SU-ENR-5-C-S010-SPME		LDW-BA-SU-ENR-5-C-CORE	
Subtidal	ENR	6	11	C	LDW-BA-SU-ENR-6-C-S010-SPME		LDW-BA-SU-ENR-6-C-CORE	
Subtidal	ENR	1	18	D	LDW-BA-SU-ENR-1-D-S010-SPME	LDW-BA-SU-ENR-CD-S010	LDW-BA-SU-ENR-1-D-CORE	LDW-BA-SU-ENR-CD-CORE
Subtidal	ENR	2	16	D	LDW-BA-SU-ENR-2-D-S010-SPME		LDW-BA-SU-ENR-2-D-CORE	
Subtidal	ENR	3	12	D	LDW-BA-SU-ENR-3-D-S010-SPME		LDW-BA-SU-ENR-3-D-CORE	
Subtidal	ENR	4	11	D	LDW-BA-SU-ENR-4-D-S010-SPME		LDW-BA-SU-ENR-4-D-CORE	
Subtidal	ENR	5	24	D	LDW-BA-SU-ENR-5-D-S010-SPME		LDW-BA-SU-ENR-5-D-CORE	
Subtidal	ENR	6	3	D	LDW-BA-SU-ENR-6-D-S010-SPME		LDW-BA-SU-ENR-6-D-CORE	
Subtidal	ENR	1	11	E	LEW-BA-SU-ENR-1-E-S010-SPME	LDW-BA-SU-ENR-CE-S010	LDW-BA-SU-ENR-1-E-CORE	LDW-BA-SU-ENR-CE-CORE
Subtidal	ENR	2	10	E	LEW-BA-SU-ENR-2-E-S010-SPME		LDW-BA-SU-ENR-2-E-CORE	
Subtidal	ENR	3	13	E	LEW-BA-SU-ENR-3-E-S010-SPME		LDW-BA-SU-ENR-3-E-CORE	
Subtidal	ENR	4	13	E	LEW-BA-SU-ENR-4-E-S010-SPME		LDW-BA-SU-ENR-4-E-CORE	
Subtidal	ENR	5	12	E	LEW-BA-SU-ENR-5-E-S010-SPME		LDW-BA-SU-ENR-5-E-CORE	
Subtidal	ENR	6	9	E	LEW-BA-SU-ENR-6-E-S010-SPME		LDW-BA-SU-ENR-6-E-CORE	
Subtidal	ENR+AC	1	23	A	LDW-BA-SU-ENR+AC-1-A-S010-SPME	LDW-BA-SU-ENR+AC-CA-S010	LDW-BA-SU-ENR+AC-1-A-CORE	LDW-BA-SU-ENR+AC-CA-CORE
Subtidal	ENR+AC	2	10	A	LDW-BA-SU-ENR+AC-2-A-S010-SPME		LDW-BA-SU-ENR+AC-2-A-CORE	
Subtidal	ENR+AC	3	10	A	LDW-BA-SU-ENR+AC-3-A-S010-SPME		LDW-BA-SU-ENR+AC-3-A-CORE	
Subtidal	ENR+AC	4	6	A	LDW-BA-SU-ENR+AC-4-A-S010-SPME		LDW-BA-SU-ENR+AC-4-A-CORE	
Subtidal	ENR+AC	5	18	A	LDW-BA-SU-ENR+AC-5-A-S010-SPME		LDW-BA-SU-ENR+AC-5-A-CORE	
Subtidal	ENR+AC	6	18	A	LDW-BA-SU-ENR+AC-6-A-S010-SPME		LDW-BA-SU-ENR+AC-6-A-CORE	
Subtidal	ENR+AC	1	16	B	LDW-BA-SU-ENR+AC-1-B-S010-SPME	LDW-BA-SU-ENR+AC-CB-S010	LDW-BA-SU-ENR+AC-1-B-CORE	LDW-BA-SU-ENR+AC-CB-CORE
Subtidal	ENR+AC	2	23	B	LDW-BA-SU-ENR+AC-2-B-S010-SPME		LDW-BA-SU-ENR+AC-2-B-CORE	
Subtidal	ENR+AC	3	7	B	LDW-BA-SU-ENR+AC-3-B-S010-SPME		LDW-BA-SU-ENR+AC-3-B-CORE	
Subtidal	ENR+AC	4	18	B	LDW-BA-SU-ENR+AC-4-B-S010-SPME		LDW-BA-SU-ENR+AC-4-B-CORE	
Subtidal	ENR+AC	5	11	B	LDW-BA-SU-ENR+AC-5-B-S010-SPME		LDW-BA-SU-ENR+AC-5-B-CORE	
Subtidal	ENR+AC	6	1	B	LDW-BA-SU-ENR+AC-6-B-S010-SPME		LDW-BA-SU-ENR+AC-6-B-CORE	
Subtidal	ENR+AC	1	6	C	LDW-BA-SU-ENR+AC-1-C-S010-SPME	LDW-BA-SU-ENR+AC-CC-S010	LDW-BA-SU-ENR+AC-1-C-CORE	LDW-BA-SU-ENR+AC-CC-CORE
Subtidal	ENR+AC	2	2	C	LDW-BA-SU-ENR+AC-2-C-S010-SPME		LDW-BA-SU-ENR+AC-2-C-CORE	
Subtidal	ENR+AC	3	24	C	LDW-BA-SU-ENR+AC-3-C-S010-SPME		LDW-BA-SU-ENR+AC-3-C-CORE	
Subtidal	ENR+AC	4	3	C	LDW-BA-SU-ENR+AC-4-C-S010-SPME		LDW-BA-SU-ENR+AC-4-C-CORE	
Subtidal	ENR+AC	5	12	C	LDW-BA-SU-ENR+AC-5-C-S010-SPME		LDW-BA-SU-ENR+AC-5-C-CORE	
Subtidal	ENR+AC	6	22	C	LDW-BA-SU-ENR+AC-6-C-S010-SPME		LDW-BA-SU-ENR+AC-6-C-CORE	



**Table 2  
Composite Formation**

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-BA-SU-ENR+AD-1-D-S010-SPME	LDW-BA-SU-ENR+AC-CD-S010	LDW-BA-SU-ENR+AC-1-D-CORE	LDW-BA-SU-ENR+AC-CD-CORE
Subtidal	ENR+AC	2	13	D	LDW-BA-SU-ENR+AD-2-D-S010-SPME		LDW-BA-SU-ENR+AC-2-D-CORE	
Subtidal	ENR+AC	3	11	D	LDW-BA-SU-ENR+AD-3-D-S010-SPME		LDW-BA-SU-ENR+AC-3-D-CORE	
Subtidal	ENR+AC	4	5	D	LDW-BA-SU-ENR+AD-4-D-S010-SPME		LDW-BA-SU-ENR+AC-4-D-CORE	
Subtidal	ENR+AC	5	19	D	LDW-BA-SU-ENR+AD-5-D-S010-SPME		LDW-BA-SU-ENR+AC-5-D-CORE	
Subtidal	ENR+AC	6	19	D	LDW-BA-SU-ENR+AD-6-D-S010-SPME		LDW-BA-SU-ENR+AC-6-D-CORE	
Subtidal	ENR+AC	1	20	E	LDW-BA-SU-ENR+AE-1-E-S010-SPME	LDW-BA-SU-ENR+AC-CE-S010	LDW-BA-SU-ENR+AC-1-E-CORE	LDW-BA-SU-ENR+AC-CE-CORE
Subtidal	ENR+AC	2	18	E	LDW-BA-SU-ENR+AE-2-E-S010-SPME		LDW-BA-SU-ENR+AC-2-E-CORE	
Subtidal	ENR+AC	3	20	E	LDW-BA-SU-ENR+AE-3-E-S010-SPME		LDW-BA-SU-ENR+AC-3-E-CORE	
Subtidal	ENR+AC	4	22	E	LDW-BA-SU-ENR+AE-4-E-S010-SPME		LDW-BA-SU-ENR+AC-4-E-CORE	
Subtidal	ENR+AC	5	9	E	LDW-BA-SU-ENR+AE-5-E-S010-SPME		LDW-BA-SU-ENR+AC-5-E-CORE	
Subtidal	ENR+AC	6	8	E	LDW-BA-SU-ENR+AE-6-E-S010-SPME		LDW-BA-SU-ENR+AC-6-E-CORE	
Scour	ENR	1	3	A	LDW-BA-SC-ENR-1-A-S010-SPME	LDW-BA-SC-ENR-CA-S010	LDW-BA-SC-ENR-1-A-CORE	LDW-BA-SC-ENR-CA-CORE
Scour	ENR	2	10	A	LDW-BA-SC-ENR-2-A-S010-SPME		LDW-BA-SC-ENR-2-A-CORE	
Scour	ENR	3	6	A	LDW-BA-SC-ENR-3-A-S010-SPME		LDW-BA-SC-ENR-3-A-CORE	
Scour	ENR	4	7	A	LDW-BA-SC-ENR-4-A-S010-SPME		LDW-BA-SC-ENR-4-A-CORE	
Scour	ENR	5	1	A	LDW-BA-SC-ENR-5-A-S010-SPME		LDW-BA-SC-ENR-5-A-CORE	
Scour	ENR	6	20	A	LDW-BA-SC-ENR-6-A-S010-SPME		LDW-BA-SC-ENR-6-A-CORE	
Scour	ENR	1	24	B	LDW-BA-SC-ENR-1-B-S010-SPME	LDW-BA-SC-ENR-CB-S010	LDW-BA-SC-ENR-1-B-CORE	LDW-BA-SC-ENR-CB-CORE
Scour	ENR	2	12	B	LDW-BA-SC-ENR-2-B-S010-SPME		LDW-BA-SC-ENR-2-B-CORE	
Scour	ENR	3	10	B	LDW-BA-SC-ENR-3-B-S010-SPME		LDW-BA-SC-ENR-3-B-CORE	
Scour	ENR	4	9	B	LDW-BA-SC-ENR-4-B-S010-SPME		LDW-BA-SC-ENR-4-B-CORE	
Scour	ENR	5	12	B	LDW-BA-SC-ENR-5-B-S010-SPME		LDW-BA-SC-ENR-5-B-CORE	
Scour	ENR	6	3	B	LDW-BA-SC-ENR-6-B-S010-SPME		LDW-BA-SC-ENR-6-B-CORE	
Scour	ENR	1	1	C	LDW-BA-SC-ENR-1-C-S010-SPME	LDW-BA-SC-ENR-CC-S010	LDW-BA-SC-ENR-1-C-CORE	LDW-BA-SC-ENR-CC-CORE
Scour	ENR	2	19	C	LDW-BA-SC-ENR-2-C-S010-SPME		LDW-BA-SC-ENR-2-C-CORE	
Scour	ENR	3	19	C	LDW-BA-SC-ENR-3-C-S010-SPME		LDW-BA-SC-ENR-3-C-CORE	
Scour	ENR	4	13	C	LDW-BA-SC-ENR-4-C-S010-SPME		LDW-BA-SC-ENR-4-C-CORE	
Scour	ENR	5	4	C	SPME not recovered.		Core not collected.	
Scour	ENR	6	6	C	LDW-BA-SC-ENR-6-C-S010-SPME		LDW-BA-SC-ENR-6-C-CORE	
Scour	ENR	1	6	D	LDW-BA-SC-ENR-1-D-S010-SPME	LDW-BA-SC-ENR-CD-S010	LDW-BA-SC-ENR-1-D-CORE	LDW-BA-SC-ENR-CD-CORE
Scour	ENR	2	17	D	LDW-BA-SC-ENR-2-D-S010-SPME		LDW-BA-SC-ENR-2-D-CORE	
Scour	ENR	3	9	D	LDW-BA-SC-ENR-3-D-S010-SPME		LDW-BA-SC-ENR-3-D-CORE	
Scour	ENR	4	1	D	LDW-BA-SC-ENR-4-D-S010-SPME		LDW-BA-SC-ENR-4-D-CORE	
Scour	ENR	5	20	D	LDW-BA-SC-ENR-5-D-S010-SPME		LDW-BA-SC-ENR-5-D-CORE	
Scour	ENR	6	23	D	LDW-BA-SC-ENR-6-D-S010-SPME		LDW-BA-SC-ENR-6-D-CORE	
Scour	ENR	1	9	E	LDW-BA-SC-ENR-1-E-S010-SPME	LDW-BA-SC-ENR-CE-S010	LDW-BA-SC-ENR-1-E-CORE	LDW-BA-SC-ENR-CE-CORE
Scour	ENR	2	3	E	LDW-BA-SC-ENR-2-E-S010-SPME		LDW-BA-SC-ENR-2-E-CORE	
Scour	ENR	3	23	E	LDW-BA-SC-ENR-3-E-S010-SPME		LDW-BA-SC-ENR-3-E-CORE	
Scour	ENR	4	15	E	LDW-BA-SC-ENR-4-E-S010-SPME		LDW-BA-SC-ENR-4-E-CORE	
Scour	ENR	5	18	E	SPME not recovered.		Core not collected.	
Scour	ENR	6	8	E	LDW-BA-SC-ENR-6-E-S010-SPME		LDW-BA-SC-ENR-6-E-CORE	
Scour	ENR+AC	1	11	A	LDW-BA-SC-ENR+AC-1-A-S010-SPME	LDW-BA-SC-ENR+AC-CA-S010	LDW-BA-SC-ENR+AC-1-A-CORE	LDW-BA-SC-ENR+AC-CA-CORE
Scour	ENR+AC	2	8	A	LDW-BA-SC-ENR+AC-2-A-S010-SPME		LDW-BA-SC-ENR+AC-2-A-CORE	
Scour	ENR+AC	3	20	A	LDW-BA-SC-ENR+AC-3-A-S010-SPME		LDW-BA-SC-ENR+AC-3-A-CORE	
Scour	ENR+AC	4	1	A	LDW-BA-SC-ENR+AC-4-A-S010-SPME		LDW-BA-SC-ENR+AC-4-A-CORE	
Scour	ENR+AC	5	17	A	LDW-BA-SC-ENR+AC-5-A-S010-SPME		LDW-BA-SC-ENR+AC-5-A-CORE	
Scour	ENR+AC	6	2	A	LDW-BA-SC-ENR+AC-6-A-S010-SPME		LDW-BA-SC-ENR+AC-6-A-CORE	

**Table 2  
Composite Formation**

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	B	LDW-BA-SC-ENR+AC-1-B-S010-SPME	LDW-BA-SC-ENR+AC-CB-S010	LDW-BA-SC-ENR+AC-1-B-CORE	LDW-BA-SC-ENR+AC-CB-CORE
Scour	ENR+AC	2	14	B	LDW-BA-SC-ENR+AC-2-B-S010-SPME		LDW-BA-SC-ENR+AC-2-B-CORE	
Scour	ENR+AC	3	8	B	LDW-BA-SC-ENR+AC-3-B-S010-SPME		LDW-BA-SC-ENR+AC-3-B-CORE	
Scour	ENR+AC	4	7	B	LDW-BA-SC-ENR+AC-4-B-S010-SPME		LDW-BA-SC-ENR+AC-4-B-CORE	
Scour	ENR+AC	5	8	B	LDW-BA-SC-ENR+AC-5-B-S010-SPME		LDW-BA-SC-ENR+AC-5-B-CORE	
Scour	ENR+AC	6	6	B	LDW-BA-SC-ENR+AC-6-B-S010-SPME		LDW-BA-SC-ENR+AC-6-B-CORE	
Scour	ENR+AC	1	21	C	LDW-BA-SC-ENR+AC-1-C-S010-SPME	LDW-BA-SC-ENR+AC-CC-S010	LDW-BA-SC-ENR+AC-1-C-CORE	LDW-BA-SC-ENR+AC-CC-CORE
Scour	ENR+AC	2	20	C	LDW-BA-SC-ENR+AC-2-C-S010-SPME		LDW-BA-SC-ENR+AC-2-C-CORE	
Scour	ENR+AC	3	19	C	LDW-BA-SC-ENR+AC-3-C-S010-SPME		LDW-BA-SC-ENR+AC-3-C-CORE	
Scour	ENR+AC	4	15	C	LDW-BA-SC-ENR+AC-4-C-S010-SPME		LDW-BA-SC-ENR+AC-4-C-CORE	
Scour	ENR+AC	5	11	C	LDW-BA-SC-ENR+AC-5-C-S010-SPME		LDW-BA-SC-ENR+AC-5-C-CORE	
Scour	ENR+AC	6	7	C	LDW-BA-SC-ENR+AC-6-C-S010-SPME		LDW-BA-SC-ENR+AC-6-C-CORE	
Scour	ENR+AC	1	12	D	LDW-BA-SC-ENR+AC-1-D-S010-SPME	LDW-BA-SC-ENR+AC-CD-S010	LDW-BA-SC-ENR+AC-1-D-CORE	LDW-BA-SC-ENR+AC-CD-CORE
Scour	ENR+AC	2	13	D	LDW-BA-SC-ENR+AC-2-D-S010-SPME		LDW-BA-SC-ENR+AC-2-D-CORE	
Scour	ENR+AC	3	15	D	LDW-BA-SC-ENR+AC-3-D-S010-SPME		LDW-BA-SC-ENR+AC-3-D-CORE	
Scour	ENR+AC	4	8	D	LDW-BA-SC-ENR+AC-4-D-S010-SPME		LDW-BA-SC-ENR+AC-4-D-CORE	
Scour	ENR+AC	5	6	D	LDW-BA-SC-ENR+AC-5-D-S010-SPME		LDW-BA-SC-ENR+AC-5-D-CORE	
Scour	ENR+AC	6	1	D	LDW-BA-SC-ENR+AC-6-D-S010-SPME		LDW-BA-SC-ENR+AC-6-D-CORE	
Scour	ENR+AC	1	24	E	LDW-BA-SC-ENR+AC-1-E-S010-SPME	LDW-BA-SC-ENR+AC-CE-S010	LDW-BA-SC-ENR+AC-1-E-CORE	LDW-BA-SC-ENR+AC-CE-CORE
Scour	ENR+AC	2	11	E	LDW-BA-SC-ENR+AC-2-E-S010-SPME		LDW-BA-SC-ENR+AC-2-E-CORE	
Scour	ENR+AC	3	23	E	LDW-BA-SC-ENR+AC-3-E-S010-SPME		LDW-BA-SC-ENR+AC-3-E-CORE	
Scour	ENR+AC	4	14	E	LDW-BA-SC-ENR+AC-4-E-S010-SPME		LDW-BA-SC-ENR+AC-4-E-CORE	
Scour	ENR+AC	5	5	E	LDW-BA-SC-ENR+AC-5-E-S010-SPME		LDW-BA-SC-ENR+AC-5-E-CORE	
Scour	ENR+AC	6	23	E	LDW-BA-SC-ENR+AC-6-E-S010-SPME		LDW-BA-SC-ENR+AC-6-E-CORE	
Intertidal	ENR	1	23	A	LDW-BA-IN-ENR-1-A-S010-SPME	LDW-BA-IN-ENR-CA-S010	LDW-BA-IN-ENR-1-A-CORE	LDW-BA-IN-ENR-CA-CORE
Intertidal	ENR	2	23	A	LDW-BA-IN-ENR-2-A-S010-SPME		LDW-BA-IN-ENR-2-A-CORE	
Intertidal	ENR	3	3	A	SPME not recovered.		Core not collected.	
Intertidal	ENR	4	8	A	LDW-BA-IN-ENR-4-A-S010-SPME		LDW-BA-IN-ENR-4-A-CORE	
Intertidal	ENR	5	7	A	LDW-BA-IN-ENR-5-A-S010-SPME		LDW-BA-IN-ENR-5-A-CORE	
Intertidal	ENR	6	21	A	LDW-BA-IN-ENR-6-A-S010-SPME		LDW-BA-IN-ENR-6-A-CORE	
Intertidal	ENR	1	22	B	LDW-BA-IN-ENR-1-B-S010-SPME	LDW-BA-IN-ENR-CB-S010	LDW-BA-IN-ENR-1-B-CORE	LDW-BA-IN-ENR-CB-CORE
Intertidal	ENR	2	22	B	LDW-BA-IN-ENR-2-B-S010-SPME		LDW-BA-IN-ENR-2-B-CORE	
Intertidal	ENR	3	17	B	SPME not usable.		Sediment not composited	
Intertidal	ENR	4	2	B	LDW-BA-IN-ENR-4-B-S010-SPME		LDW-BA-IN-ENR-4-B-CORE	
Intertidal	ENR	5	14	B	LDW-BA-IN-ENR-5-B-S010-SPME		LDW-BA-IN-ENR-5-B-CORE	
Intertidal	ENR	6	22	B	LDW-BA-IN-ENR-6-B-S010-SPME		LDW-BA-IN-ENR-6-B-CORE	
Intertidal	ENR	1	1	C	LDW-BA-IN-ENR-1-C-S010-SPME	LDW-BA-IN-ENR-CC-S010	LDW-BA-IN-ENR-1-C-CORE	LDW-BA-IN-ENR-CC-CORE
Intertidal	ENR	2	20	C	LDW-BA-IN-ENR-2-C-S010-SPME		LDW-BA-IN-ENR-2-C-CORE	
Intertidal	ENR	3	7	C	LDW-BA-IN-ENR-3-C-S010-SPME		LDW-BA-IN-ENR-3-C-CORE	
Intertidal	ENR	4	3	C	SPME not recovered.		Core not collected.	
Intertidal	ENR	5	22	C	LDW-BA-IN-ENR-5-C-S010-SPME		LDW-BA-IN-ENR-5-C-CORE	
Intertidal	ENR	6	18	C	LDW-BA-IN-ENR-6-C-S010-SPME		LDW-BA-IN-ENR-6-C-CORE	
Intertidal	ENR	1	21	D	LDW-BA-IN-ENR-1-D-S010-SPME	LDW-BA-IN-ENR-CD-S010	LDW-BA-IN-ENR-1-D-CORE	LDW-BA-IN-ENR-CD-CORE
Intertidal	ENR	2	14	D	LDW-BA-IN-ENR-2-D-S010-SPME		LDW-BA-IN-ENR-2-D-CORE	
Intertidal	ENR	3	1	D	SPME not recovered.		Core not collected.	
Intertidal	ENR	4	4	D	LDW-BA-IN-ENR-4-D-S010-SPME		LDW-BA-IN-ENR-4-D-CORE	
Intertidal	ENR	5	17	D	LDW-BA-IN-ENR-5-D-S010-SPME		LDW-BA-IN-ENR-5-D-CORE	
Intertidal	ENR	6	24	D	LDW-BA-IN-ENR-6-D-S010-SPME		LDW-BA-IN-ENR-6-D-CORE	

**Table 2  
Composite Formation**

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	15	E	LDW-BA-IN-ENR-1-E-S010-SPME	LDW-BA-IN-ENR-CE-S010	LDW-BA-IN-ENR-1-E-CORE	LDW-BA-IN-ENR-CE-CORE
Intertidal	ENR	2	17	E	LDW-BA-IN-ENR-2-E-S010-SPME		LDW-BA-IN-ENR-2-E-CORE	
Intertidal	ENR	3	9	E	LDW-BA-IN-ENR-3-E-S010-SPME		LDW-BA-IN-ENR-3-E-CORE	
Intertidal	ENR	4	10	E	LDW-BA-IN-ENR-4-E-S010-SPME		LDW-BA-IN-ENR-4-E-CORE	
Intertidal	ENR	5	10	E	LDW-BA-IN-ENR-5-E-S010-SPME		LDW-BA-IN-ENR-5-E-CORE	
Intertidal	ENR	6	16	E	LDW-BA-IN-ENR-6-E-S010-SPME		LDW-BA-IN-ENR-6-E-CORE	
Intertidal	ENR+AC	1	11	A	LDW-BA-IN-ENR+AC-1-A-S010-SPME	LDW-BA-IN-ENR+AC-CA-S010	LDW-BA-IN-ENR+AC-1-A-CORE	LDW-BA-IN-ENR+AC-CA-CORE
Intertidal	ENR+AC	2	21	A	LDW-BA-IN-ENR+AC-2-A-S010-SPME		LDW-BA-IN-ENR+AC-2-A-CORE	
Intertidal	ENR+AC	3	22	A	LDW-BA-IN-ENR+AC-3-A-S010-SPME		LDW-BA-IN-ENR+AC-3-A-CORE	
Intertidal	ENR+AC	4	1	A	SPME not recovered.		Core not collected.	
Intertidal	ENR+AC	5	3	A	LDW-BA-IN-ENR+AC-5-A-S010-SPME		LDW-BA-IN-ENR+AC-5-A-CORE	
Intertidal	ENR+AC	6	18	A	LDW-BA-IN-ENR+AC-6-A-S010-SPME		LDW-BA-IN-ENR+AC-6-A-CORE	
Intertidal	ENR+AC	1	23	B	LDW-BA-IN-ENR+AC-1-B-S010-SPME	LDW-BA-IN-ENR+AC-CB-S010	LDW-BA-IN-ENR+AC-1-B-CORE	LDW-BA-IN-ENR+AC-CB-CORE
Intertidal	ENR+AC	2	12	B	SPME not recovered.		Sediment not composited	
Intertidal	ENR+AC	3	23	B	LDW-BA-IN-ENR+AC-3-B-S010-SPME		LDW-BA-IN-ENR+AC-3-B-CORE	
Intertidal	ENR+AC	4	23	B	LDW-BA-IN-ENR+AC-4-B-S010-SPME		LDW-BA-IN-ENR+AC-4-B-CORE	
Intertidal	ENR+AC	5	5	B	LDW-BA-IN-ENR+AC-5-B-S010-SPME		LDW-BA-IN-ENR+AC-5-B-CORE	
Intertidal	ENR+AC	6	2	B	LDW-BA-IN-ENR+AC-6-B-S010-SPME		LDW-BA-IN-ENR+AC-6-B-CORE	
Intertidal	ENR+AC	1	20	C	LDW-BA-IN-ENR+AC-1-C-S010-SPME	LDW-BA-IN-ENR+AC-CC-S010	LDW-BA-IN-ENR+AC-1-C-CORE	LDW-BA-IN-ENR+AC-CC-CORE
Intertidal	ENR+AC	2	10	C	LDW-BA-IN-ENR+AC-2-C-S010-SPME		LDW-BA-IN-ENR+AC-2-C-CORE	
Intertidal	ENR+AC	3	3	C	LDW-BA-IN-ENR+AC-3-C-S010-SPME		LDW-BA-IN-ENR+AC-3-C-CORE	
Intertidal	ENR+AC	4	19	C	LDW-BA-IN-ENR+AC-4-C-S010-SPME		LDW-BA-IN-ENR+AC-4-C-CORE	
Intertidal	ENR+AC	5	1	C	LDW-BA-IN-ENR+AC-5-C-S010-SPME		LDW-BA-IN-ENR+AC-5-C-CORE	
Intertidal	ENR+AC	6	14	C	LDW-BA-IN-ENR+AC-6-C-S010-SPME		LDW-BA-IN-ENR+AC-6-C-CORE	
Intertidal	ENR+AC	1	6	D	LDW-BA-IN-ENR+AC-1-D-S010-SPME	LDW-BA-IN-ENR+AC-CD-S010	LDW-BA-IN-ENR+AC-1-D-CORE	LDW-BA-IN-ENR+AC-CD-CORE
Intertidal	ENR+AC	2	7	D	LDW-BA-IN-ENR+AC-2-D-S010-SPME		LDW-BA-IN-ENR+AC-2-D-CORE	
Intertidal	ENR+AC	3	14	D	LDW-BA-IN-ENR+AC-3-D-S010-SPME		LDW-BA-IN-ENR+AC-3-D-CORE	
Intertidal	ENR+AC	4	5	D	LDW-BA-IN-ENR+AC-4-D-S010-SPME		LDW-BA-IN-ENR+AC-4-D-CORE	
Intertidal	ENR+AC	5	12	D	LDW-BA-IN-ENR+AC-5-D-S010-SPME		LDW-BA-IN-ENR+AC-5-D-CORE	
Intertidal	ENR+AC	6	17	D	LDW-BA-IN-ENR+AC-6-D-S010-SPME		LDW-BA-IN-ENR+AC-6-D-CORE	
Intertidal	ENR+AC	1	5	E	LDW-BA-IN-ENR+AC-1-E-S010-SPME	LDW-BA-IN-ENR+AC-CE-S010	LDW-BA-IN-ENR+AC-1-E-CORE	LDW-BA-IN-ENR+AC-CE-CORE
Intertidal	ENR+AC	2	2	E	LDW-BA-IN-ENR+AC-2-E-S010-SPME		LDW-BA-IN-ENR+AC-2-E-CORE	
Intertidal	ENR+AC	3	10	E	LDW-BA-IN-ENR+AC-3-E-S010-SPME		LDW-BA-IN-ENR+AC-3-E-CORE	
Intertidal	ENR+AC	4	17	E	LDW-BA-IN-ENR+AC-4-E-S010-SPME		LDW-BA-IN-ENR+AC-4-E-CORE	
Intertidal	ENR+AC	5	23	E	LDW-BA-IN-ENR+AC-5-E-S010-SPME		LDW-BA-IN-ENR+AC-5-E-CORE	
Intertidal	ENR+AC	6	12	E	LDW-BA-IN-ENR+AC-6-E-S010-SPME		LDW-BA-IN-ENR+AC-6-E-CORE	
Scour	NA	1	NA	NA	LDW-BA-SC-1-S010-SPME-TB	LDW-BA-SC-S010-TB		
Scour	NA	2	NA	NA	LDW-BA-SC-2-S010-SPME-TB			
Scour	NA	3	NA	NA	LDW-BA-SC-3-S010-SPME-TB			
Scour	NA	4	NA	NA	LDW-BA-SC-4-S010-SPME-TB			
Scour	NA	5	NA	NA	LDW-BA-SC-5-S010-SPME-TB			
Scour	NA	6	NA	NA	LDW-BA-SC-6-S010-SPME-TB			
Subtidal	NA	1	NA	NA	LDW-BA-SU-1-S010-SPME-TB	LDW-BA-SU-S010-TB		
Subtidal	NA	2	NA	NA	LDW-BA-SU-2-S010-SPME-TB			
Subtidal	NA	3	NA	NA	LDW-BA-SU-3-S010-SPME-TB			
Subtidal	NA	4	NA	NA	LDW-BA-SU-4-S010-SPME-TB			
Subtidal	NA	5	NA	NA	LDW-BA-SU-5-S010-SPME-TB			
Subtidal	NA	6	NA	NA	LDW-BA-SU-6-S010-SPME-TB			

**Table 2  
Composite Formation**

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	NA	1	NA	NA	LDW-BA-IN-1-S010-SPME-TB	LDW-BA-IN-S010-TB		
Intertidal	NA	2	NA	NA	LDW-BA-IN-2-S010-SPME-TB			
Intertidal	NA	3	NA	NA	LDW-BA-IN-3-S010-SPME-TB			
Intertidal	NA	4	NA	NA	LDW-BA-IN-4-S010-SPME-TB			
Intertidal	NA	5	NA	NA	LDW-BA-IN-5-S010-SPME-TB			
Intertidal	NA	6	NA	NA	LDW-BA-IN-6-S010-SPME-TB			

Notes:

1. At the subtidal plot, an *ex situ* passive sampling approach was used due to sampler loss during the *in situ* deployments.

Abbreviations:

- ENR = Enhanced natural recovery
- ENR+AC = Enhanced natural recovery amended with activated carbon
- NA = Not available
- SPME = Solid-phase microextraction

**Table 3  
Analytical Schedule**

Sample ID	PCBs EPA 1668C	TOC EPA 9060	Black Carbon Gustafsson et al. (1997)	Grain Size ASTM D422
<b>Surface Sediment Composites</b>				
LDW-BA-SU-ENR-CA-CORE	x	x	x	x
LDW-BA-SU-ENR-CB-CORE	x	x	x	x
LDW-BA-SU-ENR-CC-CORE	x	x	x	x
LDW-BA-SU-ENR+AC-CA-CORE	x	x	x	x
LDW-BA-SU-ENR+AC-CB-CORE	x	x	x	x
LDW-BA-SU-ENR+AC-CC-CORE	x	x	x	x
LDW-BA-SC-ENR-CA-CORE	x	x	x	x
LDW-BA-SC-ENR-CB-CORE	x	x	x	x
LDW-BA-SC-ENR-CC-CORE	x	x	x	x
LDW-BA-SC-ENR+AC-CA-CORE	x	x	x	x
LDW-BA-SC-ENR+AC-CB-CORE	x	x	x	x
LDW-BA-SC-ENR+AC-CC-CORE	x	x	x	x
LDW-BA-IN-ENR-CA-CORE	x	x	x	x
LDW-BA-IN-ENR-CB-CORE	x	x	x	x
LDW-BA-IN-ENR-CC-CORE	x	x	x	x
LDW-BA-IN-ENR+AC-CA-CORE	x	x	x	x
LDW-BA-IN-ENR+AC-CB-CORE	x	x	x	x
LDW-BA-IN-ENR+AC-CC-CORE	x	x	x	x
<b>SPME Fiber Extracts</b>				
LDW-BA-SU-ENR-CA-S010	x			
LDW-BA-SU-ENR-CB-S010	x			
LDW-BA-SU-ENR-CC-S010	x			
LDW-BA-SU-ENR+AC-CA-S010	x			
LDW-BA-SU-ENR+AC-CB-S010	x			
LDW-BA-SU-ENR+AC-CC-S010	x			
LDW-BA-SC-ENR-CA-S010	x			
LDW-BA-SC-ENR-CB-S010	x			
LDW-BA-SC-ENR-CC-S010	x			
LDW-BA-SC-ENR+AC-CA-S010	x			
LDW-BA-SC-ENR+AC-CB-S010	x			
LDW-BA-SC-ENR+AC-CC-S010	x			
LDW-BA-IN-ENR-CA-S010	x			
LDW-BA-IN-ENR-CB-S010	x			
LDW-BA-IN-ENR-CC-S010	x			
LDW-BA-IN-ENR+AC-CA-S010	x			
LDW-BA-IN-ENR+AC-CB-S010	x			
LDW-BA-IN-ENR+AC-CC-S010	x			

Abbreviations:

ASTM = American Society for Testing and Materials  
 ENR = Enhanced natural recovery  
 ENR+AC = Enhanced natural recovery amended with activated carbon  
 EPA = U.S. Environmental Protection Agency  
 PCB = Polychlorinated biphenyl  
 SPME = Solid-phase microextraction  
 TOC = Total organic carbon

References:

Gustafsson, Ö., Haghseta, F., Chan, C., MacFarlane, J., and Gschwend, P.M. 1997. Quantification of the dilute sedimentary soot phase: Implications for PAH speciation and bioavailability. *Environ. Sci. Technol.* 31: 203-209.



**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, concentration is considered an estimate.
U	Non-detect	Analyte was not detected, concentration is the estimated detection limit.
UC	Estimated non-detect	Analyte was not detected, concentration represents the estimated detection limit for coeluting congeners.
L	Percent to steady state less than 20%	
UB	Background concentration exceeds detected concentration	The background concentration 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.

**Table 5**  
**Field Collected Temperature and Conductivity and Calculation of Porewater Salinity**

Plot	Subplot	Discrete Sediment Sample ID	Composite Sediment Sample ID	Temp (°C)	Conductivity (µS/cm)	S (ppt)
Subtidal	ENR	LDW-BA-SU-ENR-6-C-CORE	LDW-BA-SU-ENR-CC-CORE		43900	28.3
Subtidal	ENR	LDW-BA-SU-ENR-1-D-CORE	LDW-BA-SU-ENR-CD-CORE		43230	27.8
Subtidal	ENR	LDW-BA-SU-ENR-6-D-CORE			43910	28.3
Subtidal	ENR	LDW-BA-SU-ENR-1-E-CORE	LDW-BA-SU-ENR-CE-CORE		43610	28.1
Subtidal	ENR+AC	LDW-BA-SU-ENR+AC-6-A-CORE	LDW-BA-SU-ENR+AC-CA-CORE		44360	28.6
Subtidal	ENR+AC	LDW-BA-SU-ENR+AC-1-B-CORE	LDW-BA-SU-ENR+AC-CB-CORE	13.8	44370	28.6
Subtidal	ENR+AC	LDW-BA-SU-ENR+AC-6-C-CORE	LDW-BA-SU-ENR+AC-CC-CORE		44500	28.7
Subtidal	ENR+AC	LDW-BA-SU-ENR+AC-5-D-CORE	LDW-BA-SU-ENR+AC-CD-CORE		43450	28.0
Subtidal	ENR+AC	LDW-BA-SU-ENR+AC-5-E-CORE	LDW-BA-SU-ENR+AC-CE-CORE		43320	27.9
Scour	ENR	LDW-BA-SC-ENR-1-A-CORE	LDW-BA-SC-ENR-CA-CORE	14.2	41370	26.5
Scour	ENR	LDW-BA-SC-ENR-2-A-CORE		15.5	43220	27.8
Scour	ENR	LDW-BA-SC-ENR-3-A-CORE		14.4	42240	27.1
Scour	ENR	LDW-BA-SC-ENR-4-A-CORE		14.4	43780	28.2
Scour	ENR	LDW-BA-SC-ENR-5-A-CORE		14	43790	28.2
Scour	ENR	LDW-BA-SC-ENR-6-A-CORE		15.1	35640	22.5
Scour	ENR	LDW-BA-SC-ENR-1-B-CORE	LDW-BA-SC-ENR-CB-CORE	14.4	44120	28.5
Scour	ENR	LDW-BA-SC-ENR-2-B-CORE		14.6	44220	28.5
Scour	ENR	LDW-BA-SC-ENR-3-B-CORE		14	43990	28.4
Scour	ENR	LDW-BA-SC-ENR-4-B-CORE		15.1	39300	25.0
Scour	ENR	LDW-BA-SC-ENR-5-B-CORE		14.4	41250	26.4
Scour	ENR	LDW-BA-SC-ENR-6-B-CORE		15.2	44240	28.5
Scour	ENR	LDW-BA-SC-ENR-1-C-CORE	LDW-BA-SC-ENR-CC-CORE	14.3	44220	28.5
Scour	ENR	LDW-BA-SC-ENR-2-C-CORE		14.4	43890	28.3
Scour	ENR	LDW-BA-SC-ENR-3-C-CORE		14	41790	26.8
Scour	ENR	LDW-BA-SC-ENR-4-C-CORE		14.7	43770	28.2
Scour	ENR	LDW-BA-SC-ENR-6-C-CORE		15.3	43560	28.1
Scour	ENR	LDW-BA-SC-ENR-1-D-CORE	LDW-BA-SC-ENR-CD-CORE	14.4	41230	26.4
Scour	ENR	LDW-BA-SC-ENR-2-D-CORE		15	43070	27.7
Scour	ENR	LDW-BA-SC-ENR-3-D-CORE		14	44290	28.6
Scour	ENR	LDW-BA-SC-ENR-4-D-CORE		14.3	44440	28.7
Scour	ENR	LDW-BA-SC-ENR-5-D-CORE		14.5	37770	23.9
Scour	ENR	LDW-BA-SC-ENR-6-D-CORE		14.8	40030	25.5
Scour	ENR	LDW-BA-SC-ENR-1-E-CORE	LDW-BA-SC-ENR-CE-CORE	14.3	43160	27.8
Scour	ENR	LDW-BA-SC-ENR-2-E-CORE		15	43990	28.4
Scour	ENR	LDW-BA-SC-ENR-3-E-CORE		14.4	40520	25.9
Scour	ENR	LDW-BA-SC-ENR-4-E-CORE		15.3	44080	28.4
Scour	ENR	Core not collected.		14.3	41790	26.8
Scour	ENR	LDW-BA-SC-ENR-6-E-CORE		15.1	43670	28.1
Scour	ENR+AC	LDW-BA-SC-ENR+AC-1-A-CORE	LDW-BA-SC-ENR+AC-CA-CORE	15.9	43420	28.0
Scour	ENR+AC	LDW-BA-SC-ENR+AC-2-A-CORE		13.6	44270	28.6
Scour	ENR+AC	LDW-BA-SC-ENR+AC-3-A-CORE		14.1	42500	27.3
Scour	ENR+AC	LDW-BA-SC-ENR+AC-4-A-CORE		17.4	35170	22.1
Scour	ENR+AC	LDW-BA-SC-ENR+AC-5-A-CORE		14	38140	24.2

**Table 5**  
**Field Collected Temperature and Conductivity and Calculation of Porewater Salinity**

Plot	Subplot	Discrete Sediment Sample ID	Composite Sediment Sample ID	Temp (°C)	Conductivity (µS/cm)	S (ppt)
Scour	ENR+AC	LDW-BA-SC-ENR+AC-1-B-CORE	LDW-BA-SC-ENR+AC-CB-CORE	15.6	40700	26.0
Scour	ENR+AC	LDW-BA-SC-ENR+AC-3-B-CORE		15.6	42680	27.4
Scour	ENR+AC	LDW-BA-SC-ENR+AC-4-B-CORE		15.3	41240	26.4
Scour	ENR+AC	LDW-BA-SC-ENR+AC-5-B-CORE		13.6	37220	23.6
Scour	ENR+AC	LDW-BA-SC-ENR+AC-6-B-CORE		14	43880	28.3
Scour	ENR+AC	LDW-BA-SC-ENR+AC-1-C-CORE	LDW-BA-SC-ENR+AC-CC-CORE	15.6	43470	28.0
Scour	ENR+AC	LDW-BA-SC-ENR+AC-2-C-CORE		13.8	42750	27.5
Scour	ENR+AC	LDW-BA-SC-ENR+AC-3-C-CORE		14.5	42500	27.3
Scour	ENR+AC	LDW-BA-SC-ENR+AC-4-C-CORE		14.4	43920	28.3
Scour	ENR+AC	LDW-BA-SC-ENR+AC-5-C-CORE		13.9	42190	27.1
Scour	ENR+AC	LDW-BA-SC-ENR+AC-6-C-CORE		14.1	41750	26.8
Scour	ENR+AC	LDW-BA-SC-ENR+AC-1-D-CORE	LDW-BA-SC-ENR+AC-CD-CORE	14.6	41820	26.8
Scour	ENR+AC	LDW-BA-SC-ENR+AC-2-D-CORE		13.9	43570	28.1
Scour	ENR+AC	LDW-BA-SC-ENR+AC-3-D-CORE		14.2	41310	26.5
Scour	ENR+AC	LDW-BA-SC-ENR+AC-4-D-CORE		15.3	42270	27.1
Scour	ENR+AC	LDW-BA-SC-ENR+AC-5-D-CORE		14.2	41580	26.6
Scour	ENR+AC	LDW-BA-SC-ENR+AC-6-D-CORE		14.9	43780	28.2
Scour	ENR+AC	LDW-BA-SC-ENR+AC-1-E-CORE	LDW-BA-SC-ENR+AC-CE-CORE	16.1	43620	28.1
Scour	ENR+AC	LDW-BA-SC-ENR+AC-3-E-CORE		13.6	42760	27.5
Scour	ENR+AC	LDW-BA-SC-ENR+AC-4-E-CORE		15.9	43730	28.2
Scour	ENR+AC	LDW-BA-SC-ENR+AC-5-E-CORE		13.6	42330	27.2
Scour	ENR+AC	LDW-BA-SC-ENR+AC-6-E-CORE		14.4	43960	28.3
Intertidal	ENR	LDW-BA-IN-ENR-1-A-CORE		LDW-BA-IN-ENR-CA-CORE	16.5	17220
Intertidal	ENR	LDW-BA-IN-ENR-2-A-CORE	15.6		29820	18.4
Intertidal	ENR	LDW-BA-IN-ENR-5-A-CORE	14.5		37350	23.7
Intertidal	ENR	LDW-BA-IN-ENR-6-A-CORE	15.7		31500	19.6
Intertidal	ENR	LDW-BA-IN-ENR-1-B-CORE	LDW-BA-IN-ENR-CB-CORE	16.6	11430	6.5
Intertidal	ENR	LDW-BA-IN-ENR-2-B-CORE		15.6	29520	18.2
Intertidal	ENR	Sediment not composited		17.9	10790	6.1
Intertidal	ENR	LDW-BA-IN-ENR-4-B-CORE		16.2	16340	9.6
Intertidal	ENR	LDW-BA-IN-ENR-5-B-CORE		15.5	21600	13.0
Intertidal	ENR	LDW-BA-IN-ENR-6-B-CORE		16	30150	18.7
Intertidal	ENR	LDW-BA-IN-ENR-1-C-CORE	LDW-BA-IN-ENR-CC-CORE	16.5	32710	20.4
Intertidal	ENR	LDW-BA-IN-ENR-2-C-CORE		15.8	27770	17.1
Intertidal	ENR	LDW-BA-IN-ENR-3-C-CORE		17.6	13350	7.7
Intertidal	ENR	LDW-BA-IN-ENR-5-C-CORE		15.6	26150	16.0
Intertidal	ENR	LDW-BA-IN-ENR-6-C-CORE		17.5	29580	18.3
Intertidal	ENR	LDW-BA-IN-ENR-1-D-CORE	LDW-BA-IN-ENR-CD-CORE	15.6	26600	16.3
Intertidal	ENR	LDW-BA-IN-ENR-2-D-CORE		16.6	13260	7.6
Intertidal	ENR	LDW-BA-IN-ENR-4-D-CORE		14.2	40390	25.8
Intertidal	ENR	LDW-BA-IN-ENR-5-D-CORE		15.7	24590	14.9
Intertidal	ENR	LDW-BA-IN-ENR-6-D-CORE		16.9	25330	15.4

**Table 5  
Field Collected Temperature and Conductivity and Calculation of Porewater Salinity**

Plot	Subplot	Discrete Sediment Sample ID	Composite Sediment Sample ID	Temp (°C)	Conductivity (µS/cm)	S (ppt)
Intertidal	ENR	LDW-BA-IN-ENR-1-E-CORE	LDW-BA-IN-ENR-CE-CORE	15.7	29170	18.0
Intertidal	ENR	LDW-BA-IN-ENR-2-E-CORE		17.5	15650	9.1
Intertidal	ENR	LDW-BA-IN-ENR-3-E-CORE		18	23920	14.5
Intertidal	ENR	LDW-BA-IN-ENR-4-E-CORE		14.8	18960	11.2
Intertidal	ENR	LDW-BA-IN-ENR-5-E-CORE		15.7	18000	10.6
Intertidal	ENR	LDW-BA-IN-ENR-6-E-CORE		16.2	28170	17.3
Intertidal	ENR+AC	LDW-BA-IN-ENR+AC-1-A-CORE	LDW-BA-IN-ENR+AC-CA-CORE	15.1	29040	17.9
Intertidal	ENR+AC	LDW-BA-IN-ENR+AC-2-A-CORE		14.3	28340	17.4
Intertidal	ENR+AC	LDW-BA-IN-ENR+AC-3-A-CORE		15.5	21520	12.9
Intertidal	ENR+AC	LDW-BA-IN-ENR+AC-5-A-CORE		14.4	35030	22.0
Intertidal	ENR+AC	LDW-BA-IN-ENR+AC-6-A-CORE		16.5	94.35	0.049
Intertidal	ENR+AC	LDW-BA-IN-ENR+AC-1-B-CORE	LDW-BA-IN-ENR+AC-CB-CORE	14.3	26760	16.4
Intertidal	ENR+AC	Sediment not composited		15.4	36840	23.3
Intertidal	ENR+AC	LDW-BA-IN-ENR+AC-3-B-CORE		16	28770	17.7
Intertidal	ENR+AC	LDW-BA-IN-ENR+AC-4-B-CORE		17.1	26100	15.9
Intertidal	ENR+AC	LDW-BA-IN-ENR+AC-5-B-CORE		14.6	30030	18.6
Intertidal	ENR+AC	LDW-BA-IN-ENR+AC-6-B-CORE		16.4	16980	10.0
Intertidal	ENR+AC	LDW-BA-IN-ENR+AC-2-C-CORE	LDW-BA-IN-ENR+AC-CC-CORE	15	30190	18.7
Intertidal	ENR+AC	LDW-BA-IN-ENR+AC-3-C-CORE		15	29090	18.0
Intertidal	ENR+AC	LDW-BA-IN-ENR+AC-4-C-CORE		17.2	23070	13.9
Intertidal	ENR+AC	LDW-BA-IN-ENR+AC-5-C-CORE		14.5	22540	13.6
Intertidal	ENR+AC	LDW-BA-IN-ENR+AC-6-C-CORE		16.4	19110	11.3
Intertidal	ENR+AC	LDW-BA-IN-ENR+AC-3-D-CORE	LDW-BA-IN-ENR+AC-CD-CORE	15.9	35700	22.5
Intertidal	ENR+AC	LDW-BA-IN-ENR+AC-4-D-CORE		16.7	18780	11.1
Intertidal	ENR+AC	LDW-BA-IN-ENR+AC-5-D-CORE		16.2	13820	8.0
Intertidal	ENR+AC	LDW-BA-IN-ENR+AC-6-D-CORE		16.4	96.07	0.05
Intertidal	ENR+AC	LDW-BA-IN-ENR+AC-1-E-CORE	LDW-BA-IN-ENR+AC-CE-CORE	15.4	22000	13.2
Intertidal	ENR+AC	LDW-BA-IN-ENR+AC-2-E-CORE		14.4	12030	6.9
Intertidal	ENR+AC	LDW-BA-IN-ENR+AC-3-E-CORE		15.8	29350	18.1
Intertidal	ENR+AC	LDW-BA-IN-ENR+AC-4-E-CORE		16.7	26830	16.4
Intertidal	ENR+AC	LDW-BA-IN-ENR+AC-6-E-CORE		16.6	16600	9.7

Notes:

1. Note: Salinity conversion formula from 1999 Standard Methods for the Examination of Water and Wastewater.
2. Conductivity measurements were only collected from 9 subtidal cores due to difficulties with extracting porewater from the sediment by syringe.

Abbreviations:

°C = degrees Celsius  
 ENR = Enhanced natural recovery  
 ENR+AC = Enhanced natural recovery amended with activated carbon  
 ppt = parts per thousand  
 µS/cm = MicroSiemens per centimeter

**Table 6**  
**Analytical Results for PCB Congeners in Porewater**

<i>SampleID</i>	LDW-BA-SU-ENR-CA-S010	LDW-BA-SU-ENR-CB-S010	LDW-BA-SU-ENR-CC-S010	LDW-BA-SU-ENR+AC-CA-S010	LDW-BA-SU-ENR+AC-CB-S010	
<i>SampleDate</i>	01/18/17	01/18/17	01/18/17	01/18/17	01/18/17	
<i>Plot</i>	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	
<i>SubPlot</i>	ENR	ENR	ENR	ENR+AC	ENR+AC	
<b>Polychlorinated Biphenyls (PCBs)</b>						
PCBs (Total, Congeners)	pg/L	26000	51000	30000	76000	150000
PCB-001	pg/L	470 L	740 L	74	540 L	1600 L
PCB-002	pg/L	12 J L	17 U L	5.3 U	14 U L	29 U L
PCB-003	pg/L	17 J L	57 L	5.2 U	37 J L	49 J L
PCB-004	pg/L	2600 L	4800 L	1100	4300 L	11000 L
PCB-005	pg/L	29 U L	45 U L	12 U	980 L	41 U L
PCB-006	pg/L	650 L	1200 L	360	1800 L	4700 L
PCB-007	pg/L	92 L	190 L	64	250 L	530 L
PCB-008	pg/L	1800 L	4000 L	1400	3600 L	11000 L
PCB-009	pg/L	110 L	180 L	71	290 L	610 L
PCB-010	pg/L	320 L	560 L	190	920 L	1700 L
PCB-011	pg/L	24 L	41 L	11	60 L	81 L
PCB-012	pg/L	17 L	35 L	11	55 L	76 L
PCB-013	pg/L	16 L	27 L	12	65 L	120 L
PCB-014	pg/L	PRC	PRC	PRC	PRC	PRC
PCB-015	pg/L	110 L	260 L	150	430 L	670 L
PCB-016	pg/L	910 L	1900 L	920	2400 L	4900 L
PCB-017	pg/L	1600 L	3200 L	1700	4700 L	9600 L
PCB-018	pg/L	3700 L	7600 L	3600	11000 L	23000 L
PCB-019	pg/L	730 L	1300 L	490	1700 L	3600 L
PCB-020	pg/L	580 C L	1400 C L	1000 C	2500 C L	4100 C L
PCB-021	pg/L	C020	C020	C020	C020	C020
PCB-022	pg/L	330 L	800 L	640	1300 L	2400 L
PCB-023	pg/L	8.2 U L	7 U L	4.2 U	6 U L	19 J L
PCB-024	pg/L	170 L	280 L	150	440 L	710 L
PCB-025	pg/L	150 L	260 L	170	920 L	1000 L
PCB-026	pg/L	380 L	630 L	420	1800 L	2500 L
PCB-027	pg/L	140 L	280 L	120	330 L	920 L
PCB-028	pg/L	1000 L	2400 L	2000	4400 L	7600 L
PCB-029	pg/L	9 L	26 L	16	35 L	64 L
PCB-030	pg/L	3.3 U L	4.2 U L	1.5 U	3.9 U L	6.9 U L
PCB-031	pg/L	1000 L	2600 L	2000	4300 L	7800 L
PCB-032	pg/L	1000 L	2100 L	1200	3300 L	6700 L
PCB-033	pg/L	C020	C020	C020	C020	C020
PCB-034	pg/L	20 L	39 L	24	75 L	130 L
PCB-035	pg/L	6.3 L	14 L	7.1	15 L	24 L
PCB-036	pg/L	PRC	PRC	PRC	PRC	PRC
PCB-037	pg/L	60 L	160 L	140	250 L	380 L
PCB-038	pg/L	8.7 L	12 L	9.7	21 L	37 L
PCB-039	pg/L	5.8 U L	4.8 U L	3.2 U	5.4 J L	5.6 U L
PCB-040	pg/L	130 L	270 L	210	490 L	790 L
PCB-041	pg/L	510 C L	1100 C L	890 C	1800 C L	3200 C L
PCB-042	pg/L	240 C L	490 C L	400 C	960 C L	1600 C L
PCB-043	pg/L	1000 C L	1700 C L	1200 C	3000 C L	4800 C L
PCB-044	pg/L	770 L	1600 L	1200	2700 L	4600 L
PCB-045	pg/L	260 L	540 L	330	920 L	1700 L
PCB-046	pg/L	110 L	210 L	130	380 L	680 L

**Table 6**  
**Analytical Results for PCB Congeners in Porewater**

<i>SampleID</i>	LDW-BA-SU-ENR-CA-S010	LDW-BA-SU-ENR-CB-S010	LDW-BA-SU-ENR-CC-S010	LDW-BA-SU-ENR+AC-CA-S010	LDW-BA-SU-ENR+AC-CB-S010
<i>SampleDate</i>	01/18/17	01/18/17	01/18/17	01/18/17	01/18/17
<i>Plot</i>	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal
<i>SubPlot</i>	ENR	ENR	ENR	ENR+AC	ENR+AC
<b>Polychlorinated Biphenyls (PCBs)</b>					
PCB-047	pg/L 230 L	380 L	310	710 L	1200 L
PCB-048	pg/L 170 C L	360 C L	290 C	600 C L	1100 C L
PCB-049	pg/L C043	C043	C043	C043	C043
PCB-050	pg/L 11 L	17 L	10	29 L	48 L
PCB-051	pg/L 100 L	160 L	110	270 L	510 L
PCB-052	pg/L 1200 C L	2000 C L	1600 C	3300 C L	5800 C L
PCB-053	pg/L 340 L	520 L	350	920 L	1600 L
PCB-054	pg/L 7.9 L	11 L	6.4	18 L	30 L
PCB-055	pg/L 11 L	16 L	15	24 L	58 L
PCB-056	pg/L 130 C L	310 C L	350 C	450 C L	870 C L
PCB-057	pg/L 4.4 L	6.9 L	6.3	17 L	24 L
PCB-058	pg/L 3.6 L	4.2 L	3.3	13 L	13 L
PCB-059	pg/L C042	C042	C042	C042	C042
PCB-060	pg/L C056	C056	C056	C056	C056
PCB-061	pg/L 320 C L	700 C L	710 C	1000 C L	2000 C L
PCB-062	pg/L 3 U L	4.4 U L	1.3 U	3.1 U L	5.4 U L
PCB-063	pg/L 18 L	35 L	34	62 L	110 L
PCB-064	pg/L C041	C041	C041	C041	C041
PCB-065	pg/L 2.7 U L	3.9 U L	1.2 U	2.8 U L	4.8 U L
PCB-066	pg/L 290 C L	600 C L	570 C	980 C L	1700 C L
PCB-067	pg/L 14 L	30 L	28	46 L	90 L
PCB-068	pg/L 8.7 L	11 L	6.5	20 L	27 L
PCB-069	pg/L C052	C052	C052	C052	C052
PCB-070	pg/L C061	C061	C061	C061	C061
PCB-071	pg/L C041	C041	C041	C041	C041
PCB-072	pg/L C041	C041	C041	C041	C041
PCB-073	pg/L 3 U L	4.3 U L	1.3 U	3.1 U L	5.3 U L
PCB-074	pg/L 150 L	330 L	320	510 L	920 L
PCB-075	pg/L C048	C048	C048	C048	C048
PCB-076	pg/L C066	C066	C066	C066	C066
PCB-077	pg/L 8.1 L	18 L	21	25 L	46 L
PCB-078	pg/L PRC	PRC	PRC	PRC	PRC
PCB-079	pg/L 3.7 L	5.2 L	4.4	8.9 L	12 L
PCB-080	pg/L 1.1 U L	1.6 U L	0.55 U	1.2 U L	1.8 U L
PCB-081	pg/L 5.8 L	10 L	9.6	6.9 L	23 L
PCB-082	pg/L 19 L	35 L	42	53 L	98 L
PCB-083	pg/L 13 C L	20 C L	20 C	33 C L	50 C L
PCB-084	pg/L 140 C L	210 C L	210 C	360 C L	550 C L
PCB-085	pg/L 26 C L	45 C L	51 C	65 C L	120 C L
PCB-086	pg/L 0.66 U L	0.88 U L	0.64 U	0.91 U L	1.5 U L
PCB-087	pg/L 59 C L	110 C L	130 C	160 C L	290 C L
PCB-088	pg/L 46 C L	61 C L	88 C	150 C L	250 C L
PCB-089	pg/L 5.6 L	8.5 L	7.5	14 L	24 L
PCB-090	pg/L 240 C L	380 C L	410 C	600 C L	950 C L
PCB-091	pg/L C088	C088	C088	C088	C088
PCB-092	pg/L C084	C084	C084	C084	C084
PCB-093	pg/L 0.87 U L	0.89 U L	0.54 U	1.1 U L	1.4 U L

**Table 6**  
**Analytical Results for PCB Congeners in Porewater**

<i>SampleID</i>	LDW-BA-SU-ENR-CA-S010	LDW-BA-SU-ENR-CB-S010	LDW-BA-SU-ENR-CC-S010	LDW-BA-SU-ENR+AC-CA-S010	LDW-BA-SU-ENR+AC-CB-S010
<i>SampleDate</i>	01/18/17	01/18/17	01/18/17	01/18/17	01/18/17
<i>Plot</i>	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal
<i>SubPlot</i>	ENR	ENR	ENR	ENR+AC	ENR+AC
<b>Polychlorinated Biphenyls (PCBs)</b>					
PCB-094	pg/L 2.9 L	5 L	4.1	7.2 L	13 L
PCB-095	pg/L 440 L	670 L	630	990 L	1700 L
PCB-096	pg/L 5 L	6.7 L	6.2	12 L	16 L
PCB-097	pg/L 51 L	87 L	98	140 L	230 L
PCB-098	pg/L 0.7 UC L	0.72 UC L	0.43 UC	0.87 UC L	1.1 UC L
PCB-099	pg/L 110 L	160 L	150	260 L	400 L
PCB-100	pg/L 4.3 L	5.6 L	3.5	7.1 L	9 L
PCB-101	pg/L C090	C090	C090	C090	C090
PCB-102	pg/L U,C098	U,C098	U,C098	U,C098	U,C098
PCB-103	pg/L 12 L	13 L	8.7	21 L	28 L
PCB-104	pg/L PRC	PRC	PRC	PRC	PRC
PCB-105	pg/L 25 L	39 L	54	61 L	110 L
PCB-106	pg/L 76 C L	130 C L	160 C	190 C L	320 C L
PCB-107	pg/L 8.3 C L	12 C L	13 C	19 C L	29 C L
PCB-108	pg/L C107	C107	C107	C107	C107
PCB-109	pg/L 0.54 U L	0.71 U L	0.52 U	0.74 U L	1.2 U L
PCB-110	pg/L 200 L	320 L	340	510 L	820 L
PCB-111	pg/L 2.6 C L	3.6 C L	4.9 C	5 C L	12 C L
PCB-112	pg/L C083	C083	C083	C083	C083
PCB-113	pg/L 0.54 U L	0.71 U L	0.52 U	0.74 U L	1.2 U L
PCB-114	pg/L 1.9 L	3.3 L	4.6	4.4 L	8.3 L
PCB-115	pg/L C111	C111	C111	C111	C111
PCB-116	pg/L C085	C085	C085	C085	C085
PCB-117	pg/L C087	C087	C087	C087	C087
PCB-118	pg/L C106	C106	C106	C106	C106
PCB-119	pg/L 9.5 L	11 L	8.1	19 L	25 L
PCB-120	pg/L 0.36 U L	0.46 U L	0.36 U	0.5 U L	0.76 U L
PCB-121	pg/L PRC	PRC	PRC	PRC	PRC
PCB-122	pg/L 1.1 L	1.8 L	2.4	2.6 L	4.7 L
PCB-123	pg/L 1.1 L	1.7 L	2.8	2.5 L	4.3 L
PCB-124	pg/L 3.2 L	5.6 L	7.1	7.4 L	14 L
PCB-125	pg/L C087	C087	C087	C087	C087
PCB-126	pg/L 0.46 U L	0.51 U L	0.39 J	0.83 U L	1.1 J L
PCB-127	pg/L 0.42 U L	0.48 U L	0.36 U	0.73 U L	0.71 U L
PCB-128	pg/L 3.7 C L	5.8 C L	8.5 C	9.7 C L	15 C L
PCB-129	pg/L 1.4 L	2.5 L	3.7	4.1 L	6.8 L
PCB-130	pg/L 2.9 L	3.9 L	6.5	7.6 L	11 L
PCB-131	pg/L 1.6 C L	1.9 C L	2.4 C	3.5 C L	4.5 C L
PCB-132	pg/L 14 C L	19 C L	25 C	36 C L	51 C L
PCB-133	pg/L C131	C131	C131	C131	C131
PCB-134	pg/L 3.7 C L	5.4 C L	6.6 C	8.6 C L	12 C L
PCB-135	pg/L 11 L	14 L	17	25 L	31 L
PCB-136	pg/L 12 L	16 L	19	26 L	38 L
PCB-137	pg/L 1.5 L	2.2 L	2.5	3 L	4.6 L
PCB-138	pg/L 30 C L	43 C L	59 C	75 C L	110 C L
PCB-139	pg/L 53 C L	72 C L	87 C	120 C L	180 C L
PCB-140	pg/L 0.91 L	0.7 L	0.7	1.5 L	2.2 L



**Table 6**  
**Analytical Results for PCB Congeners in Porewater**

<i>SampleID</i>	LDW-BA-SU-ENR-CA-S010	LDW-BA-SU-ENR-CB-S010	LDW-BA-SU-ENR-CC-S010	LDW-BA-SU-ENR+AC-CA-S010	LDW-BA-SU-ENR+AC-CB-S010
<i>SampleDate</i>	01/18/17	01/18/17	01/18/17	01/18/17	01/18/17
<i>Plot</i>	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal
<i>SubPlot</i>	ENR	ENR	ENR	ENR+AC	ENR+AC
<b>Polychlorinated Biphenyls (PCBs)</b>					
PCB-141	pg/L 5.8 L	9.3 L	13	15 L	24 L
PCB-142	pg/L PRC	PRC	PRC	PRC	PRC
PCB-143	pg/L C134	C134	C134	C134	C134
PCB-144	pg/L 2.7 L	4.1 L	5.4	6.8 L	14 L
PCB-145	pg/L 0.19 U L	0.14 U L	0.13 U	0.21 U L	0.23 U L
PCB-146	pg/L 7.8 C L	9.3 C L	10 C	15 C L	20 C L
PCB-147	pg/L 1.1 L	1.7 L	2.1	2.8 L	4 L
PCB-148	pg/L 0.33 U L	0.24 U L	0.21 U	0.36 U L	0.41 U L
PCB-149	pg/L C139	C139	C139	C139	C139
PCB-150	pg/L 0.19 U L	0.14 U L	0.29 J	0.21 U L	0.22 U L
PCB-151	pg/L 17 L	23 L	26	40 L	56 L
PCB-152	pg/L 0.19 U L	0.14 U L	0.12 U	0.21 U L	0.23 U L
PCB-153	pg/L 41 L	57 L	69	94 L	130 L
PCB-154	pg/L 2.8 L	2.9 L	2.1	4.1 L	5 L
PCB-155	pg/L PRC	PRC	PRC	PRC	PRC
PCB-156	pg/L 1.6 L	2.6 L	4 L	4.2 L	7.1 L
PCB-157	pg/L 0.34 L	0.5 L	0.78 L	0.94 L	1.4 L
PCB-158	pg/L 3.5 C L	5.4 C L	7.6 C	8.8 C L	14 C L
PCB-159	pg/L 0.28 J L	0.39 J L	0.34 L	0.41 J L	0.83 L
PCB-160	pg/L C158	C158	C158	C158	C158
PCB-161	pg/L C132	C132	C132	C132	C132
PCB-162	pg/L C128	C128	C128	C128	C128
PCB-163	pg/L C138	C138	C138	C138	C138
PCB-164	pg/L C138	C138	C138	C138	C138
PCB-165	pg/L C146	C146	C146	C146	C146
PCB-166	pg/L 0.24 U L	0.2 U L	0.29 J	0.35 U L	0.36 U L
PCB-167	pg/L 0.66 L	1.1 L	1.6 L	1.7 L	2.7 L
PCB-168	pg/L 0.23 U L	0.2 U L	0.28 U	0.34 U L	0.35 U L
PCB-169	pg/L 0.16 U L	0.13 U L	0.21 U L	0.25 U L	0.24 U L
PCB-170	pg/L 1.3 L	1.9 L	3.1 L	3.8 L	5.5 L
PCB-171	pg/L 0.68 L	0.95 L	1.4 L	1.6 L	2.5 L
PCB-172	pg/L 0.17 L	0.31 L	0.42 L	0.42 L	0.99 L
PCB-173	pg/L 0.097 U L	0.072 U L	0.086 U L	0.15 U L	0.12 U L
PCB-174	pg/L 2.5 L	3.2 L	4.7 L	5.9 L	8.9 L
PCB-175	pg/L 0.11 J L	0.19 J L	0.19 L	0.31 L	0.39 L
PCB-176	pg/L 0.35 L	0.53 L	0.75 L	1 L	1.3 L
PCB-177	pg/L 1.7 L	2.1 L	3.1 L	4 L	5.8 L
PCB-178	pg/L 0.67 L	0.95 L	1.2 L	1.6 L	2.1 L
PCB-179	pg/L 1.4 L	1.7 L	2.5 L	3.2 L	4.1 L
PCB-180	pg/L 3.3 L	4.4 L	6.4 L	8.1 L	11 L
PCB-181	pg/L 0.098 U L	0.073 U L	0.088 U L	0.15 U L	0.12 U L
PCB-182	pg/L 3.8 C L	4.9 C L	6.6 C L	8.7 C L	12 C L
PCB-183	pg/L 1.6 L	2.2 L	3.1 L	3.8 L	5.7 L
PCB-184	pg/L PRC	PRC	PRC	PRC	PRC
PCB-185	pg/L 0.25 L	0.38 L	0.67 L	0.76 L	1.1 L
PCB-186	pg/L 0.048 U L	0.036 U L	0.045 U L	0.074 U L	0.057 U L
PCB-187	pg/L C182	C182	C182	C182	C182



**Table 6**  
**Analytical Results for PCB Congeners in Porewater**

<i>SampleID</i>	LDW-BA-SU-ENR-CA-S010	LDW-BA-SU-ENR-CB-S010	LDW-BA-SU-ENR-CC-S010	LDW-BA-SU-ENR+AC-CA-S010	LDW-BA-SU-ENR+AC-CB-S010
<i>SampleDate</i>	01/18/17	01/18/17	01/18/17	01/18/17	01/18/17
<i>Plot</i>	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal
<i>SubPlot</i>	ENR	ENR	ENR	ENR+AC	ENR+AC
<b>Polychlorinated Biphenyls (PCBs)</b>					
PCB-188	pg/L 0.056 U L	0.04 U L	0.05 U L	0.081 U L	0.063 U L
PCB-189	pg/L 0.056 J L	0.029 U L	0.083 J L	0.12 J L	0.16 J L
PCB-190	pg/L 0.28 L	0.38 L	0.61 L	0.88 L	1.2 L
PCB-191	pg/L 0.12 J L	0.092 J L	0.18 L	0.29 L	0.27 L
PCB-192	pg/L PRC	PRC	PRC	PRC	PRC
PCB-193	pg/L 0.28 L	0.33 L	0.56 L	0.62 L	0.83 L
PCB-194	pg/L 0.14 L	0.18 L	0.3 L	0.37 L	0.46
PCB-195	pg/L 0.081 L	0.098 L	0.19 L	0.21 L	0.29 L
PCB-196	pg/L 0.31 C L	0.39 C L	0.67 C L	0.73 C L	0.98 C L
PCB-197	pg/L 0.038 L	0.039 L	0.034 L	0.05 L	0.088
PCB-198	pg/L 0.034 U L	0.033 U L	0.041 U L	0.053 U L	0.036 U L
PCB-199	pg/L 0.2 L	0.25 L	0.5 L	0.5 L	0.63
PCB-200	pg/L 0.04 J L	0.015 U L	0.097 L	0.11 L	0.11
PCB-201	pg/L 0.02 U L	0.02 U L	0.024 U L	0.032 U L	0.11 L
PCB-202	pg/L 0.042 J L	0.066 L	0.11 L	0.14 L	0.17
PCB-203	pg/L C196	C196	C196	C196	C196
PCB-204	pg/L PRC	PRC	PRC	PRC	PRC
PCB-205	pg/L 0.013 U L	0.013 U L	0.023 U L	0.035 U L	0.026 U
PCB-206	pg/L 0.017 J	0.022 J L	0.038 L	0.053 L	0.044
PCB-207	pg/L UB	0.0014 L	UB L	UB L	0.0058
PCB-208	pg/L 0.005 J	0.0068 U L	0.0091 U L	0.015 J L	0.012 J
PCB-209	pg/L 0.002	0.0029 L	0.00047 L	0.0051 L	0.0044

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
- L = Percent to steady state less than 20%
- PCB = Polychlorinated biphenyl
- pg/L = picogram per liter
- PRC = Performance Reference Compound
- U = Not detected at the estimated detection limit

**Table 6**  
**Analytical Results for PCB Congeners in Porewater**

<i>SampleID</i>	LDW-BA-SU-ENR+AC-CC-S010	LDW-BA-SC-ENR-CA-S010	LDW-BA-SC-ENR-CB-S010	LDW-BA-SC-ENR-CC-S010	LDW-BA-SC-ENR+AC-CA-S010	
<i>SampleDate</i>	01/18/17	09/10/16	09/10/16	09/10/16	9/10/2016	
<i>Plot</i>	Subtidal	Scour	Scour	Scour	Scour	
<i>SubPlot</i>	ENR+AC	ENR	ENR	ENR	ENR+AC	
<b>Polychlorinated Biphenyls (PCBs)</b>						
PCBs (Total, Congeners)	pg/L	97000	1400	1900	1200	3700
PCB-001	pg/L	580 L	6.6 U	13 U	11 U	13 U
PCB-002	pg/L	23 U L	3.2 U	5.5 U	4.7 U	6.9 U
PCB-003	pg/L	30 J L	3.1 U	5.6 U	4.5 U	6.7 U
PCB-004	pg/L	7300 L	26	35	30	38
PCB-005	pg/L	17 U L	12	28	12	44
PCB-006	pg/L	2700 L	16	35	14	69
PCB-007	pg/L	400 L	3.5 U	5.8 U	3.4 U	9.6
PCB-008	pg/L	7200 L	30	36	15	140
PCB-009	pg/L	420 L	3.9 U	7.5 U	3.8 U	11
PCB-010	pg/L	1100 L	7.3 U	12 U	7.6 U	28
PCB-011	pg/L	47 L	2.6 U	4.3 U	2.5 U	3.7 U
PCB-012	pg/L	38 L	2.3 U	3.9 U	2.4 J	13
PCB-013	pg/L	84 L	2.6 U	4.7 U	2.4 U	3.7 U
PCB-014	pg/L	PRC	PRC	PRC	PRC	PRC
PCB-015	pg/L	500 L	5.8	5 U	3.7 J	18
PCB-016	pg/L	3600 L	27	33	29	150
PCB-017	pg/L	6500 L	48	63	41	170
PCB-018	pg/L	16000 L	110	130	84	390
PCB-019	pg/L	2500 L	19	27	16	64
PCB-020	pg/L	2700 C L	34 C	43 C	27 C	110 C
PCB-021	pg/L	C020	C020	C020	C020	C020
PCB-022	pg/L	1500 L	22	28	16	63
PCB-023	pg/L	15 L	1 U	2.8 U	1.6 U	2.6 U
PCB-024	pg/L	450 L	3.1 J	7.8	7.4	16
PCB-025	pg/L	580 L	11	13	8.3	31
PCB-026	pg/L	1400 L	19	21	13	55
PCB-027	pg/L	660 L	11	10	7.6	22
PCB-028	pg/L	4400 L	78	94	57	220
PCB-029	pg/L	43 L	1.2 U	3.3 U	1.9 U	3 U
PCB-030	pg/L	6 U L	1 U	2.8 U	0.82 U	1.5 U
PCB-031	pg/L	5700 L	57	56	40	170
PCB-032	pg/L	4400 L	39	48	26	120
PCB-033	pg/L	C020	C020	C020	C020	C020
PCB-034	pg/L	74 L	1.5 U	3.5 U	2.4 U	3.8 U
PCB-035	pg/L	21 L	1.1 U	2.6 U	1.7 U	2.8 U
PCB-036	pg/L	PRC	PRC	PRC	PRC	PRC
PCB-037	pg/L	260 L	5.9	8.8	3.6	14
PCB-038	pg/L	20 L	0.85 U	2.5 U	1.3 U	2.1 U
PCB-039	pg/L	6.4 U L	0.96 U	2.5 U	1.5 U	2.4 U
PCB-040	pg/L	510 L	11	15	8.3	26
PCB-041	pg/L	2000 C L	47 C	66 C	37 C	100 C
PCB-042	pg/L	930 C L	21 C	32 C	17 C	50 C
PCB-043	pg/L	3100 C L	71 C	97 C	57 C	150 C
PCB-044	pg/L	2900 L	57	81	45	130
PCB-045	pg/L	1100 L	16	24	13	44
PCB-046	pg/L	450 L	7.5	10	6	18

**Table 6**  
**Analytical Results for PCB Congeners in Porewater**

<i>SampleID</i>	LDW-BA-SU- ENR+AC-CC- S010	LDW-BA-SC- ENR-CA-S010	LDW-BA-SC- ENR-CB-S010	LDW-BA-SC- ENR-CC-S010	LDW-BA-SC- ENR+AC-CA- S010
<i>SampleDate</i>	01/18/17	09/10/16	09/10/16	09/10/16	9/10/2016
<i>Plot</i>	Subtidal	Scour	Scour	Scour	Scour
<i>SubPlot</i>	ENR+AC	ENR	ENR	ENR	ENR+AC
<b>Polychlorinated Biphenyls (PCBs)</b>					
PCB-047	pg/L 680 L	21	29	17	44
PCB-048	pg/L 700 C L	14 C	22 C	11 C	35 C
PCB-049	pg/L C043	C043	C043	C043	C043
PCB-050	pg/L 32 L	0.68 U	2.5 U	0.85 U	1.5 U
PCB-051	pg/L 310 L	7.5	11	6	16
PCB-052	pg/L 3800 C L	89 C	130 C	69 C	190 C
PCB-053	pg/L 1100 L	22	32	19	51
PCB-054	pg/L 23 L	0.47 U	1.8 U	0.58 U	1.1 U
PCB-055	pg/L 20 L	2.3	1.8	1.2	3.6
PCB-056	pg/L 530 C L	17 C	22 C	13 C	39 C
PCB-057	pg/L 12 L	0.33 U	1.4 U	0.43 U	0.75 U
PCB-058	pg/L 12 L	0.34 U	1.3 U	0.44 U	0.77 U
PCB-059	pg/L C042	C042	C042	C042	C042
PCB-060	pg/L C056	C056	C056	C056	C056
PCB-061	pg/L 1200 C L	38 C	49 C	29 C	77 C
PCB-062	pg/L 4 U L	0.45 U	1.7 U	0.56 U	1 U
PCB-063	pg/L 65 L	1.5 J	2.4	1.3 J	3.2
PCB-064	pg/L C041	C041	C041	C041	C041
PCB-065	pg/L 3.6 U L	0.44 U	1.6 U	0.55 U	0.98 U
PCB-066	pg/L 1100 C L	39 C	50 C	31 C	74 C
PCB-067	pg/L 51 L	1.3 J	1.9	1.1 J	2.5
PCB-068	pg/L 18 L	1 J	1.2 U	1 J	2.1
PCB-069	pg/L C052	C052	C052	C052	C052
PCB-070	pg/L C061	C061	C061	C061	C061
PCB-071	pg/L C041	C041	C041	C041	C041
PCB-072	pg/L C041	C041	C041	C041	C041
PCB-073	pg/L 4 U L	0.43 U	1.6 U	0.54 U	0.97 U
PCB-074	pg/L 570 L	16	21	12	33
PCB-075	pg/L C048	C048	C048	C048	C048
PCB-076	pg/L C066	C066	C066	C066	C066
PCB-077	pg/L 32 L	1.8	1.5 U	1.7	3.6
PCB-078	pg/L PRC	PRC	PRC	PRC	PRC
PCB-079	pg/L 8.7 L	0.62 U	1.3 U	1.1 U	1.4 U
PCB-080	pg/L 1.4 U L	0.23 U	0.88 U	0.29 U	0.5 U
PCB-081	pg/L 16 L	2	1.2 U	1 U	4.7
PCB-082	pg/L 64 L	3.8	5.5	3.6	6.7
PCB-083	pg/L 35 C L	2.2 C	2.4 C	1.7 C	3.3 C
PCB-084	pg/L 370 C L	25 C	30 C	21 C	44 C
PCB-085	pg/L 82 C L	6 C	6.4 C	5.1 C	11 C
PCB-086	pg/L 1.6 U L	0.63 U	0.62 U	0.48 U	1.1 U
PCB-087	pg/L 200 C L	13 C	17 C	12 C	24 C
PCB-088	pg/L 150 C L	0.44 UC	19 C	0.38 UC	0.59 UC
PCB-089	pg/L 15 L	0.71 J	0.94 J	0.8 J	1.3 J
PCB-090	pg/L 700 C L	47 C	58 C	41 C	82 C
PCB-091	pg/L C088	U,C088	C088	U,C088	U,C088
PCB-092	pg/L C084	C084	C084	C084	C084
PCB-093	pg/L 1.3 U L	0.46 U	1.2 U	0.4 U	0.61 U

**Table 6**  
**Analytical Results for PCB Congeners in Porewater**

<i>SampleID</i>	LDW-BA-SU- ENR+AC-CC- S010	LDW-BA-SC- ENR-CA-S010	LDW-BA-SC- ENR-CB-S010	LDW-BA-SC- ENR-CC-S010	LDW-BA-SC- ENR+AC-CA- S010	
<i>SampleDate</i>	01/18/17	09/10/16	09/10/16	09/10/16	9/10/2016	
<i>Plot</i>	Subtidal	Scour	Scour	Scour	Scour	
<i>SubPlot</i>	ENR+AC	ENR	ENR	ENR	ENR+AC	
<b>Polychlorinated Biphenyls (PCBs)</b>						
PCB-094	pg/L	8.4 L	0.47 U	1.2 U	0.41 U	0.63 U
PCB-095	pg/L	1100 L	71	88	57	120
PCB-096	pg/L	12 L	0.75 J	1.2 J	0.63 J	1.4
PCB-097	pg/L	160 L	9.9	12	8.7	17
PCB-098	pg/L	1.1 UC L	0.37 UC	0.96 UC	0.32 UC	0.49 UC
PCB-099	pg/L	290 L	19	23	17	32
PCB-100	pg/L	7.9 L	1.3	2	1.1 J	1.6
PCB-101	pg/L	C090	C090	C090	C090	C090
PCB-102	pg/L	U,C098	U,C098	U,C098	U,C098	U,C098
PCB-103	pg/L	23 L	1.7	2.8	1.4	3.1
PCB-104	pg/L	PRC	PRC	PRC	PRC	PRC
PCB-105	pg/L	74 L	6.6	8.2	5.1	10
PCB-106	pg/L	250 C L	18 C	22 C	15 C	30 C
PCB-107	pg/L	21 C L	1.3 C	2 C	1.2 C	2.3 C
PCB-108	pg/L	C107	C107	C107	C107	C107
PCB-109	pg/L	1.3 U L	0.45 U	0.51 U	0.34 U	0.77 U
PCB-110	pg/L	580 L	34	41	31	62
PCB-111	pg/L	6.5 C L	0.55 C,J	0.8 C,J	0.79 C,J	6.9 C
PCB-112	pg/L	C083	C083	C083	C083	C083
PCB-113	pg/L	1.3 U L	0.49 U	0.54 U	0.37 U	0.84 U
PCB-114	pg/L	6.3 L	0.5 J	0.58 U	0.46 J	1.1
PCB-115	pg/L	C111	C111,J	C111,J	C111,J	C111
PCB-116	pg/L	C085	C085	C085	C085	C085
PCB-117	pg/L	C087	C087	C087	C087	C087
PCB-118	pg/L	C106	C106	C106	C106	C106
PCB-119	pg/L	18 L	1.4	1.9	1.4	2.2
PCB-120	pg/L	0.85 U L	0.37 U	0.41 U	0.29 U	0.63 U
PCB-121	pg/L	PRC	PRC	PRC	PRC	PRC
PCB-122	pg/L	3.7 L	0.18 U	0.58 U	0.19 U	0.33 U
PCB-123	pg/L	3 L	0.33 J	0.49 U	0.45 J	0.57 J
PCB-124	pg/L	10 L	0.7 J	1.1	0.74 J	1.6
PCB-125	pg/L	C087	C087	C087	C087	C087
PCB-126	pg/L	0.74 U L	0.23 U	0.69 U	0.24 U	0.39 U L
PCB-127	pg/L	0.67 U L	0.17 U	0.52 U	0.19 U	0.31 U L
PCB-128	pg/L	11 C L	1.7 C	2.1 C L	1.7 C	2.8 C L
PCB-129	pg/L	5.3 L	0.69	0.83 L	0.69	1.2 L
PCB-130	pg/L	9.2 L	0.95	1.3 L	1.2	1.5 L
PCB-131	pg/L	4.3 C L	0.57 C	0.67 C L	0.5 C,J	0.83 C L
PCB-132	pg/L	38 C L	5.8 C	6.6 C L	5.4 C	8.7 C L
PCB-133	pg/L	C131	C131	C131	C131,J	C131
PCB-134	pg/L	10 C L	1.1 C	1.6 C L	1 C	1.9 C L
PCB-135	pg/L	25 L	3.5	4.7 L	3.2	6.4 L
PCB-136	pg/L	31 L	5.4	6 L	4.7	8.2 L
PCB-137	pg/L	3.9 L	0.44 J	0.74 L	0.51 J	0.96 L
PCB-138	pg/L	86 C L	14 C	17 C L	13 C	22 C L
PCB-139	pg/L	140 C L	22 C	25 C L	19 C	35 C L
PCB-140	pg/L	1.5 L	0.2 U	0.44 U L	0.2 U	0.3 U L

**Table 6**  
**Analytical Results for PCB Congeners in Porewater**

<i>SampleID</i>	LDW-BA-SU-ENR+AC-CC-S010	LDW-BA-SC-ENR-CA-S010	LDW-BA-SC-ENR-CB-S010	LDW-BA-SC-ENR-CC-S010	LDW-BA-SC-ENR+AC-CA-S010
<i>SampleDate</i>	01/18/17	09/10/16	09/10/16	09/10/16	9/10/2016
<i>Plot</i>	Subtidal	Scour	Scour	Scour	Scour
<i>SubPlot</i>	ENR+AC	ENR	ENR	ENR	ENR+AC
<b>Polychlorinated Biphenyls (PCBs)</b>					
PCB-141	pg/L 18 L	2.8	3.2 L	2.7	4.7 L
PCB-142	pg/L PRC	PRC	PRC	PRC	PRC
PCB-143	pg/L C134	C134	C134	C134	C134
PCB-144	pg/L 8.3 L	1.3	3.7 L	1.1	1.8 L
PCB-145	pg/L 0.29 U L	0.14 U	0.19 U L	0.15 U	0.18 U L
PCB-146	pg/L 17 C L	3.3 C	4 C L	2.9 C	4.7 C L
PCB-147	pg/L 3.2 L	0.56 J	0.88 L	0.4 J	0.69 J L
PCB-148	pg/L 0.49 U L	0.2 U	0.28 U L	0.22 U	0.26 U L
PCB-149	pg/L C139	C139	C139	C139	C139
PCB-150	pg/L 0.56 J L	0.13 U	0.18 U L	0.15 U	0.18 U L
PCB-151	pg/L 43 L	6.8	8.3 L	5.7	11 L
PCB-152	pg/L 0.28 U L	0.14 U	0.19 U L	0.15 U	0.18 U L
PCB-153	pg/L 110 L	18	21 L	16	28 L
PCB-154	pg/L 4.3 L	1.3	1.6 L	1.1	1.6 L
PCB-155	pg/L PRC	PRC	PRC	PRC	PRC
PCB-156	pg/L 5.4 L	0.74 L	0.94 L	0.88	1.2 L
PCB-157	pg/L 1 L	0.13 U L	0.26 U L	0.14 U	0.19 U L
PCB-158	pg/L 11 C L	1.8 C	2.1 C L	1.6 C	2.5 C L
PCB-159	pg/L 0.6 L	0.23 J L	0.26 U L	0.13 U	0.38 J L
PCB-160	pg/L C158	C158	C158	C158	C158
PCB-161	pg/L C132	C132	C132	C132	C132
PCB-162	pg/L C128	C128	C128	C128	C128
PCB-163	pg/L C138	C138	C138	C138	C138
PCB-164	pg/L C138	C138	C138	C138	C138
PCB-165	pg/L C146	C146	C146	C146	C146
PCB-166	pg/L 0.45 J L	0.15 U	0.32 U L	0.16 U	0.23 U L
PCB-167	pg/L 2.3 L	0.38 J L	0.28 U L	0.41 J	0.58 L
PCB-168	pg/L 0.41 U L	0.14 U	0.31 U L	0.15 U	0.21 U L
PCB-169	pg/L 0.29 U L	0.12 U L	0.26 U L	0.13 U L	0.16 U L
PCB-170	pg/L 4.4 L	1.6 L	1.7 L	1.6 L	2.3 L
PCB-171	pg/L 1.8 L	0.57 L	0.88 L	0.67 L	0.95 L
PCB-172	pg/L 0.55 L	0.058 L	0.34 L	0.15 L	0.16 L
PCB-173	pg/L 0.15 U L	0.094 U L	0.26 U L	0.13 U L	0.13 U L
PCB-174	pg/L 6.5 L	2.1 L	2.6 L	2.3 L	3.3 L
PCB-175	pg/L 0.36 L	0.08 U L	0.23 U L	0.11 U L	0.11 U L
PCB-176	pg/L 0.98 L	0.32 L	0.5 L	0.4 L	0.46 L
PCB-177	pg/L 4.3 L	1.5 L	1.8 L	1.6 L	2.3 L
PCB-178	pg/L 1.8 L	0.51 L	0.83 L	0.5 L	0.88 L
PCB-179	pg/L 3.4 L	1.2 L	1.5 L	1.2 L	1.7 L
PCB-180	pg/L 8.5 L	3.4 L	4 L	3.7 L	5 L
PCB-181	pg/L 0.15 U L	0.085 U L	0.23 U L	0.12 U L	0.12 U L
PCB-182	pg/L 9.4 C L	3.2 C L	3.8 C L	3.3 C L	4.9 C L
PCB-183	pg/L 4.4 L	1.5 L	1.8 L	1.5 L	2.1 L
PCB-184	pg/L PRC	PRC	PRC	PRC	PRC
PCB-185	pg/L 0.96 L	0.33 L	0.23 U L	0.28 J L	0.43 L
PCB-186	pg/L 0.075 U L	0.05 U L	0.15 U L	0.072 U L	0.069 U L
PCB-187	pg/L C182	C182	C182	C182	C182

**Table 6**  
**Analytical Results for PCB Congeners in Porewater**

<i>SampleID</i>	LDW-BA-SU- ENR+AC-CC- S010	LDW-BA-SC- ENR-CA-S010	LDW-BA-SC- ENR-CB-S010	LDW-BA-SC- ENR-CC-S010	LDW-BA-SC- ENR+AC-CA- S010	
<i>SampleDate</i>	01/18/17	09/10/16	09/10/16	09/10/16	9/10/2016	
<i>Plot</i>	Subtidal	Scour	Scour	Scour	Scour	
<i>SubPlot</i>	ENR+AC	ENR	ENR	ENR	ENR+AC	
<b>Polychlorinated Biphenyls (PCBs)</b>						
PCB-188	pg/L 0.081 U L	0.047 U L	0.15 U L	0.068 U L	0.072 U L	
PCB-189	pg/L 0.13 J L	0.052 U L	0.13 U L	0.075 U L	0.063 U L	
PCB-190	pg/L 0.84 L	0.36 L	0.4 L	0.39 L	0.57 L	
PCB-191	pg/L 0.2 J L	0.059 U L	0.16 U L	0.085 U L	0.082 U L	
PCB-192	pg/L PRC	PRC	PRC	PRC	PRC	
PCB-193	pg/L 0.63 L	0.26 J L	0.43 L	0.3 J L	0.44 L	
PCB-194	pg/L 0.36 L	0.24 L	0.29 L	0.26 L	0.32 L	
PCB-195	pg/L 0.21 L	0.14 J L	0.14 J L	0.18 J L	0.18 J L	
PCB-196	pg/L 0.76 C L	0.42 C L	0.52 C L	0.5 C L	0.57 C L	
PCB-197	pg/L 0.04 L	0.025 L	0.059 L	0.069 L	0.037 L	
PCB-198	pg/L 0.052 U L	0.093 U L	0.11 U L	0.11 U L	0.084 U L	
PCB-199	pg/L 0.5 L	0.35 L	0.4 L	0.48 L	0.53 L	
PCB-200	pg/L 0.089 L	0.055 U L	0.06 U L	0.067 U L	0.049 U L	
PCB-201	pg/L 0.1 L	0.062 U L	0.069 U L	0.074 U L	0.056 U L	
PCB-202	pg/L 0.12 L	0.053 U L	0.14 J L	0.065 U L	0.047 U L	
PCB-203	pg/L C196	C196	C196	C196	C196	
PCB-204	pg/L PRC	PRC	PRC	PRC	PRC	
PCB-205	pg/L 0.033 U L	0.034 U L	0.05 U L	0.055 U L	0.032 U L	
PCB-206	pg/L 0.042 L	0.039 U L	0.076 J L	0.066 J L	0.05 U L	
PCB-207	pg/L UB L	0.0058 L	0.0094 L	0.013 L	0.015 L	
PCB-208	pg/L 0.012 L	0.022 U L	0.014 U L	0.036 U L	0.026 U L	
PCB-209	pg/L 0.0074 L	0.0086 L	0.023 L	0.015 L	0.0057 L	

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
- L = Percent to steady state less than 20%
- PCB = Polychlorinated biphenyl
- pg/L = picogram per liter
- PRC = Performance Reference Compound
- U = Not detected at the estimated detection limit

**Table 6**  
**Analytical Results for PCB Congeners in Porewater**

<i>SampleID</i>	LDW-BA-SC-ENR+AC-CB-S010	LDW-BA-SC-ENR+AC-CC-S010	LDW-BA-IN-ENR-CA-S010	LDW-BA-IN-ENR-CB-S010	LDW-BA-IN-ENR-CC-S010	
<i>SampleDate</i>	9/10/2016	9/10/2016	9/10/2016	9/10/2016	9/10/2016	
<i>Plot</i>	Scour	Scour	Intertidal	Intertidal	Intertidal	
<i>SubPlot</i>	ENR+AC	ENR+AC	ENR	ENR	ENR	
<b>Polychlorinated Biphenyls (PCBs)</b>						
PCBs (Total, Congeners)	pg/L	8400	20000	25000	75000	15000
PCB-001	pg/L	18 U	90	350	540	590
PCB-002	pg/L	5 U	12 U	5.7 U	11 U	4.1 U
PCB-003	pg/L	5 U	11 U	7 J	25 J	15
PCB-004	pg/L	190	170	320	940	350
PCB-005	pg/L	90	270	130	640	170
PCB-006	pg/L	90	290	220	1400	190
PCB-007	pg/L	17	55	30	120	42
PCB-008	pg/L	230	1100	270	760	230
PCB-009	pg/L	17	76	38	120	31
PCB-010	pg/L	31	120	56	260	75
PCB-011	pg/L	3.6 U	16 L	5 U	13 U	4.3 U
PCB-012	pg/L	21	74 L	32	110	22
PCB-013	pg/L	4 U	6.5 U L	5 U	13 U	4.2 U
PCB-014	pg/L	PRC	PRC	PRC	PRC	PRC
PCB-015	pg/L	27	81 L	48	100	30
PCB-016	pg/L	200	810 L	360	1600	240
PCB-017	pg/L	340	1200 L	580	2500	450
PCB-018	pg/L	700	2700 L	1400	6600	1100
PCB-019	pg/L	110	430	200	790	160
PCB-020	pg/L	240 C	820 C L	390 C	1300 C L	240 C
PCB-021	pg/L	C020	C020	C020	C020	C020
PCB-022	pg/L	120	420 L	180	660 L	120
PCB-023	pg/L	3.4 U	4.7 U L	3.2 U	12 L	2.8 U
PCB-024	pg/L	24	66 L	69	260	39
PCB-025	pg/L	46	130 L	270	1200 L	150
PCB-026	pg/L	78	260 L	710	3100 L	360
PCB-027	pg/L	48	170 L	72	200	45
PCB-028	pg/L	390	1200 L	680	2300 L	360
PCB-029	pg/L	4 U	13 L	3.7 U	12 L	3.2 U
PCB-030	pg/L	3.5 U	2.7 U L	1.5 U	3.4 U	2.3 U
PCB-031	pg/L	300	1000 L	570	2400 L	370
PCB-032	pg/L	230	760 L	370	1600	310
PCB-033	pg/L	C020	C020	C020	C020	C020
PCB-034	pg/L	4.2 U	13 L	12	35 L	9.1
PCB-035	pg/L	3.4 U	5 U L	3.7 U	7.1 U L	3.1 U
PCB-036	pg/L	PRC	PRC	PRC	PRC	PRC
PCB-037	pg/L	25	81 L	38	110 L	18
PCB-038	pg/L	3.3 U	3.9 U L	2.9 U	5.6 U L	2.4 U
PCB-039	pg/L	3.2 U	4.4 U L	3.3 U	6.3 U L	2.7 U
PCB-040	pg/L	69	140 L	160	500 L	87
PCB-041	pg/L	290 C	550 C L	690 C	2100 C L	400 C
PCB-042	pg/L	140 C	260 C L	340 C	1100 C L	200 C
PCB-043	pg/L	370 C	680 C L	1500 C	4500 C L	870 C
PCB-044	pg/L	360	680 L	1300	4100 L	720
PCB-045	pg/L	110	280 L	230	850 L	140
PCB-046	pg/L	50	120 L	100	350 L	58

**Table 6**  
**Analytical Results for PCB Congeners in Porewater**

<i>SampleID</i>	LDW-BA-SC-ENR+AC-CB-S010	LDW-BA-SC-ENR+AC-CC-S010	LDW-BA-IN-ENR-CA-S010	LDW-BA-IN-ENR-CB-S010	LDW-BA-IN-ENR-CC-S010	
<i>SampleDate</i>	9/10/2016	9/10/2016	9/10/2016	9/10/2016	9/10/2016	
<i>Plot</i>	Scour	Scour	Intertidal	Intertidal	Intertidal	
<i>SubPlot</i>	ENR+AC	ENR+AC	ENR	ENR	ENR	
<b>Polychlorinated Biphenyls (PCBs)</b>						
PCB-047	pg/L	110	190 L	290	890 L	170
PCB-048	pg/L	100 C	190 C L	180 C	490 C L	120 C
PCB-049	pg/L	C043	C043	C043	C043	C043
PCB-050	pg/L	5.2	8.9 L	8.1	27 L	5.4
PCB-051	pg/L	40	84 L	67	210 L	41
PCB-052	pg/L	480 C	820 C L	2600 C	7600 C L	1400 C
PCB-053	pg/L	120	280 L	280	890 L	170
PCB-054	pg/L	3.7 J	5.4 J L	4.8	15 L	3.8
PCB-055	pg/L	5	9.6 L	18	77 L	10
PCB-056	pg/L	110 C	200 C L	160 C	390 C L	91 C
PCB-057	pg/L	3.8	2.8 U L	13	64 L	10
PCB-058	pg/L	2.3 U	2.9 U L	2.5 U	2.7 U L	1.5 U
PCB-059	pg/L	C042	C042	C042	C042	C042
PCB-060	pg/L	C056	C056	C056	C056	C056
PCB-061	pg/L	220 C	360 C L	550 C	1100 C L	280 C
PCB-062	pg/L	2.7 U	3.8 U L	3.1 U	3.4 U L	1.9 U
PCB-063	pg/L	10	16 L	24	72 L	14
PCB-064	pg/L	C041	C041	C041	C041	C041
PCB-065	pg/L	2.6 U	3.7 U L	3 U	3.3 U L	1.9 U
PCB-066	pg/L	200 C	340 C L	460 C	1100 C L	260 C
PCB-067	pg/L	8.5	16 L	40	170 L	20
PCB-068	pg/L	5	6.7 L	12	35 L	9.2
PCB-069	pg/L	C052	C052	C052	C052	C052
PCB-070	pg/L	C061	C061	C061	C061	C061
PCB-071	pg/L	C041	C041	C041	C041	C041
PCB-072	pg/L	C041	C041	C041	C041	C041
PCB-073	pg/L	2.7 U	3.6 U L	3 U	3.3 U L	1.9 U
PCB-074	pg/L	91	160 L	180	480 L	97
PCB-075	pg/L	C048	C048	C048	C048	C048
PCB-076	pg/L	C066	C066	C066	C066	C066
PCB-077	pg/L	9 L	12 L	20	41 L	12
PCB-078	pg/L	PRC	PRC	PRC	PRC	PRC
PCB-079	pg/L	1.8 U L	3.8 J L	6.7	2.8 U L	3.6
PCB-080	pg/L	1.6 U L	1.9 U L	1.8 U	1.8 U L	1 U
PCB-081	pg/L	9.4 L	13 L	14	36 L	12
PCB-082	pg/L	21 L	27 L	100 L	240 L	51
PCB-083	pg/L	10 C L	12 C L	65 C L	140 C L	33 C
PCB-084	pg/L	120 C L	150 C L	730 C L	1600 C L	340 C
PCB-085	pg/L	27 C L	39 C L	150 C L	310 C L	72 C
PCB-086	pg/L	1.3 U L	2.1 U L	1.8 U L	2.8 U L	0.97 U
PCB-087	pg/L	70 C L	85 C L	400 C L	910 C L	190 C
PCB-088	pg/L	51 C L	1.3 UC L	220 C L	470 C L	110 C
PCB-089	pg/L	5.1 L	6.8 L	24 L	52 L	12
PCB-090	pg/L	230 C L	280 C L	1200 C L	2200 C L	540 C
PCB-091	pg/L	C088	U,C088	C088	C088	C088
PCB-092	pg/L	C084	C084	C084	C084	C084
PCB-093	pg/L	1.7 U L	1.3 U L	1.2 U L	1.9 U L	0.84 U



**Table 6**  
**Analytical Results for PCB Congeners in Porewater**

<i>SampleID</i>	LDW-BA-SC-ENR+AC-CB-S010	LDW-BA-SC-ENR+AC-CC-S010	LDW-BA-IN-ENR-CA-S010	LDW-BA-IN-ENR-CB-S010	LDW-BA-IN-ENR-CC-S010	
<i>SampleDate</i>	9/10/2016	9/10/2016	9/10/2016	9/10/2016	9/10/2016	
<i>Plot</i>	Scour	Scour	Intertidal	Intertidal	Intertidal	
<i>SubPlot</i>	ENR+AC	ENR+AC	ENR	ENR	ENR	
<b>Polychlorinated Biphenyls (PCBs)</b>						
PCB-094	pg/L	3.1 L	3.1 J L	11 L	25 L	5.6
PCB-095	pg/L	340 L	420 L	1700 L	3900 L	920
PCB-096	pg/L	5.4 L	5.5 L	14 L	35 L	7.6
PCB-097	pg/L	48 L	61 L	270 L	530 L	120
PCB-098	pg/L	1.4 UC L	1 UC L	0.92 UC L	1.5 UC L	0.67 UC
PCB-099	pg/L	87 L	110 L	460 L	910 L	220
PCB-100	pg/L	5 L	5.6 L	9.6 L	22 L	7.1
PCB-101	pg/L	C090	C090	C090	C090	C090
PCB-102	pg/L	U,C098	U,C098	U,C098	U,C098	U,C098
PCB-103	pg/L	8.1 L	9.2 L	21 L	49 L	14
PCB-104	pg/L	PRC	PRC	PRC	PRC	PRC
PCB-105	pg/L	33 L	38 L	120 L	230 L	56
PCB-106	pg/L	86 C L	100 C L	370 C L	690 C L	180 C
PCB-107	pg/L	8 C L	7.6 C L	30 C L	62 C L	17 C
PCB-108	pg/L	C107	C107	C107	C107	C107
PCB-109	pg/L	1 U L	1.5 U L	1.3 U L	2 U L	0.7 U
PCB-110	pg/L	160 L	210 L	1100 L	2300 L	490
PCB-111	pg/L	3.8 C L	3.1 C L	12 C L	23 C L	3.8 C
PCB-112	pg/L	C083	C083	C083	C083	C083
PCB-113	pg/L	1.1 U L	1.6 U L	1.4 U L	2.2 U L	220
PCB-114	pg/L	2 L	3.2 L	8.8 L	14 L	5
PCB-115	pg/L	C111	C111	C111	C111	C111
PCB-116	pg/L	C085	C085	C085	C085	C085
PCB-117	pg/L	C087	C087	C087	C087	C087
PCB-118	pg/L	C106	C106	C106	C106	C106
PCB-119	pg/L	6.1 L	7.5 L	35 L	70 L	17
PCB-120	pg/L	0.9 U L	1.2 U L	1.1 U L	1.6 U L	0.59 U
PCB-121	pg/L	PRC	PRC	PRC	PRC	PRC
PCB-122	pg/L	2.9 L	1.6 J L	5.4 L	7.7 L	2.7
PCB-123	pg/L	1.9 L	2 J L	6.1 L	10 L	3.2
PCB-124	pg/L	4.4 L	5.6 L	17 L	34 L	8.1
PCB-125	pg/L	C087	C087	C087	C087	C087
PCB-126	pg/L	1 U L	0.77 U L	1.2 U L	1.7 U L	0.51 U L
PCB-127	pg/L	0.74 U L	0.61 U L	0.83 U L	1.3 U L	0.4 U L
PCB-128	pg/L	9.6 C L	8.2 C L	39 C L	74 C L	20 C L
PCB-129	pg/L	3.6 L	3.3 L	17 L	29 L	8.5 L
PCB-130	pg/L	5.9 L	4.7 L	26 L	42 L	11 L
PCB-131	pg/L	3 C L	2.1 C L	9.6 C L	17 C L	5.6 C L
PCB-132	pg/L	31 C L	27 C L	110 C L	200 C L	56 C L
PCB-133	pg/L	C131	C131	C131	C131	C131
PCB-134	pg/L	7 C L	6.2 C L	27 C L	51 C L	12 C L
PCB-135	pg/L	20 L	19 L	62 L	110 L	34 L
PCB-136	pg/L	27 L	24 L	82 L	150 L	42 L
PCB-137	pg/L	2.9 L	2.8 L	14 L	30 L	8.9 L
PCB-138	pg/L	73 C L	69 C L	240 C L	420 C L	120 C L
PCB-139	pg/L	110 C L	110 C L	300 C L	530 C L	160 C L
PCB-140	pg/L	1.1 U L	0.54 U L	4.6 L	7.2 L	0.53 U L

**Table 6**  
**Analytical Results for PCB Congeners in Porewater**

<i>SampleID</i>	LDW-BA-SC-ENR+AC-CB-S010	LDW-BA-SC-ENR+AC-CC-S010	LDW-BA-IN-ENR-CA-S010	LDW-BA-IN-ENR-CB-S010	LDW-BA-IN-ENR-CC-S010	
<i>SampleDate</i>	9/10/2016	9/10/2016	9/10/2016	9/10/2016	9/10/2016	
<i>Plot</i>	Scour	Scour	Intertidal	Intertidal	Intertidal	
<i>SubPlot</i>	ENR+AC	ENR+AC	ENR	ENR	ENR	
<b>Polychlorinated Biphenyls (PCBs)</b>						
PCB-141	pg/L	16 L	15 L	46 L	81 L	23 L
PCB-142	pg/L	PRC	PRC	PRC	PRC	PRC
PCB-143	pg/L	C134	C134	C134	C134	C134
PCB-144	pg/L	6.7 L	6.1 L	17 L	34 L	8.2 L
PCB-145	pg/L	0.55 U L	0.43 U L	0.42 U L	0.64 U L	0.34 U L
PCB-146	pg/L	16 C L	14 C L	38 C L	63 C L	20 C L
PCB-147	pg/L	2.4 L	2.3 L	10 L	18 L	5.2 L
PCB-148	pg/L	37 L	0.63 U L	110 L	0.92 U L	57 L
PCB-149	pg/L	C139	C139	C139	C139	C139
PCB-150	pg/L	0.53 U L	0.42 U L	1.2 J L	2.5 L	0.34 U L
PCB-151	pg/L	36 L	35 L	81 L	150 L	45 L
PCB-152	pg/L	0.54 U L	0.43 U L	0.9 J L	1.6 J L	0.35 U L
PCB-153	pg/L	89 L	86 L	230 L	390 L	120 L
PCB-154	pg/L	4.2 L	4.8 L	7.3 L	13 L	4.6 L
PCB-155	pg/L	PRC	PRC	PRC	PRC	PRC
PCB-156	pg/L	4.8 L	4 L	16 L	29 L	7.8 L
PCB-157	pg/L	1.3 L	0.83 J L	4.1 L	8.2 L	2.2 L
PCB-158	pg/L	9.1 C L	8.1 C L	34 C L	60 C L	18 C L
PCB-159	pg/L	0.7 U L	0.94 J L	1.1 J L	2 L	0.75 L
PCB-160	pg/L	C158	C158	C158	C158	C158
PCB-161	pg/L	C132	C132	C132	C132	C132
PCB-162	pg/L	C128	C128	C128	C128	C128
PCB-163	pg/L	C138	C138	C138	C138	C138
PCB-164	pg/L	C138	C138	C138	C138	C138
PCB-165	pg/L	C146	C146	C146	C146	C146
PCB-166	pg/L	0.84 U L	0.4 U L	1.5 L	2.4 L	0.68 J L
PCB-167	pg/L	2.2 L	2.1 L	6.9 L	14 L	4.2 L
PCB-168	pg/L	0.79 U L	0.38 U L	1.1 U L	1.5 U L	0.39 U L
PCB-169	pg/L	0.76 U L	0.31 U L	1 U L	1.2 U L	0.32 U L
PCB-170	pg/L	8.5 L	6.3 L	14 L	23 L	7.3 L
PCB-171	pg/L	3.8 L	3 L	5.9 L	8.9 L	3.6 L
PCB-172	pg/L	1.8 L	0.86 L	2.2 L	4.6 L	2.3 L
PCB-173	pg/L	0.69 U L	0.29 U L	0.53 U L	1.3 L	0.4 U L
PCB-174	pg/L	13 L	10 L	18 L	31 L	11 L
PCB-175	pg/L	0.56 J L	0.25 U L	0.96 J L	1.3 L	0.52 J L
PCB-176	pg/L	2.6 L	1.7 L	3.5 L	4.7 L	1.9 L
PCB-177	pg/L	8.1 L	7.3 L	13 L	20 L	7.7 L
PCB-178	pg/L	3.7 L	2.9 L	4.9 L	6.9 L	2.8 L
PCB-179	pg/L	7.4 L	5.4 L	11 L	16 L	5.9 L
PCB-180	pg/L	18 L	14 L	28 L	40 L	15 L
PCB-181	pg/L	0.62 U L	0.27 U L	0.48 U L	0.51 U L	0.36 U L
PCB-182	pg/L	18 C L	14 C L	25 C L	37 C L	15 C L
PCB-183	pg/L	8.1 L	6.8 L	11 L	19 L	6.4 L
PCB-184	pg/L	PRC	PRC	PRC	PRC	PRC
PCB-185	pg/L	1.7 L	1.4 L	1.8 L	3.6 L	1.1 L
PCB-186	pg/L	0.4 U L	0.15 U L	0.29 U L	0.3 U L	0.22 U L
PCB-187	pg/L	C182	C182	C182	C182	C182

**Table 6**  
**Analytical Results for PCB Congeners in Porewater**

<i>SampleID</i>	LDW-BA-SC-ENR+AC-CB-S010	LDW-BA-SC-ENR+AC-CC-S010	LDW-BA-IN-ENR-CA-S010	LDW-BA-IN-ENR-CB-S010	LDW-BA-IN-ENR-CC-S010	
<i>SampleDate</i>	9/10/2016	9/10/2016	9/10/2016	9/10/2016	9/10/2016	
<i>Plot</i>	Scour	Scour	Intertidal	Intertidal	Intertidal	
<i>SubPlot</i>	ENR+AC	ENR+AC	ENR	ENR	ENR	
<b>Polychlorinated Biphenyls (PCBs)</b>						
PCB-188	pg/L	1 L	0.15 U L	0.49 J L	0.54 U L	0.23 U L
PCB-189	pg/L	0.41 U L	0.14 U L	0.32 U L	0.31 U L	0.2 U L
PCB-190	pg/L	2.2 L	1.5 L	2.8 L	4.7 L	1.5 L
PCB-191	pg/L	0.45 U L	0.18 U L	0.34 U L	1.4 L	0.58 L
PCB-192	pg/L	PRC	PRC	PRC	PRC	PRC
PCB-193	pg/L	1.7 L	1.3 L	2.2 L	3.1 L	1.3 L
PCB-194	pg/L	1.7 L	0.89 L	1.7 L	2.1 L	1 L
PCB-195	pg/L	1 L	0.55 L	1 L	1.1 L	0.58 L
PCB-196	pg/L	2.8 C L	1.8 C L	3.8 C L	4.5 C L	2.1 C L
PCB-197	pg/L	0.25 L	0.053 L	0.28 L	0.37 L	0.19 L
PCB-198	pg/L	0.31 U L	0.19 U L	0.47 U L	0.41 U L	0.26 U L
PCB-199	pg/L	2.2 L	1.4 L	3 L	3.9 L	1.6 L
PCB-200	pg/L	0.54 L	0.35 J L	0.29 U L	0.24 U L	0.16 U L
PCB-201	pg/L	0.2 U L	0.13 U L	0.31 U L	0.27 U L	0.18 U L
PCB-202	pg/L	0.67 L	0.33 J L	0.86 L	1 L	0.54 L
PCB-203	pg/L	C196	C196	C196	C196	C196
PCB-204	pg/L	PRC	PRC	PRC	PRC	PRC
PCB-205	pg/L	0.32 J L	0.099 U L	0.22 U L	0.18 U L	0.092 U L
PCB-206	pg/L	0.48 L	0.13 J L	0.37 J L	0.47 L	0.19 J L
PCB-207	pg/L	0.15 L	0.01 L	0.057 L	0.13 L	0.061 L
PCB-208	pg/L	0.18 J L	0.037 U L	0.16 U L	0.13 U L	0.066 U L
PCB-209	pg/L	0.17 L	0.018 L	0.059 L	0.11 L	0.052 L

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
- L = Percent to steady state less than 20%
- PCB = Polychlorinated biphenyl
- pg/L = picogram per liter
- PRC = Performance Reference Compound
- U = Not detected at the estimated detection limit

**Table 6**  
**Analytical Results for PCB Congeners in Porewater**

<i>SampleID</i>	LDW-BA-IN-ENR+AC-CA-S010	LDW-BA-IN-ENR+AC-CB-S010	LDW-BA-IN-ENR+AC-CC-S010		
<i>SampleDate</i>	9/10/2016	9/10/2016	9/10/2016		
<i>Plot</i>	Intertidal	Intertidal	Intertidal		
<i>SubPlot</i>	ENR+AC	ENR+AC	ENR+AC		
<b>Polychlorinated Biphenyls (PCBs)</b>					
PCBs (Total, Congeners)	pg/L	41000	29000	18000	
PCB-001	pg/L	100	610	93	
PCB-002	pg/L	4.9 U	4.5 U	3.2 U	
PCB-003	pg/L	5 U	10 J	3 U	
PCB-004	pg/L	380	170	210	
PCB-005	pg/L	330	230	92	
PCB-006	pg/L	520	880	180	
PCB-007	pg/L	52	72	17	
PCB-008	pg/L	300	280	130	
PCB-009	pg/L	49	66	22	
PCB-010	pg/L	74	120	22	
PCB-011	pg/L	2.8 U	3.9 U	4.8	
PCB-012	pg/L	80	62	19	
PCB-013	pg/L	3 U	6.9	3.6 U	
PCB-014	pg/L	PRC	PRC	PRC	
PCB-015	pg/L	60	53	20	
PCB-016	pg/L	630	900	240	
PCB-017	pg/L	1100	1100	430	
PCB-018	pg/L	2700	3000	1100	
PCB-019	pg/L	310	380	130	
PCB-020	pg/L	570 C	470 C	230 C	
PCB-021	pg/L	C020	C020	C020	
PCB-022	pg/L	260	260	120	
PCB-023	pg/L	4	2.7 J	2.4 J	
PCB-024	pg/L	68	79	29	
PCB-025	pg/L	520	500	190	
PCB-026	pg/L	1800	1500	610	
PCB-027	pg/L	100	82	46	
PCB-028	pg/L	810	800	370	
PCB-029	pg/L	6	3.4 J	2.5 J	
PCB-030	pg/L	2.1 U	1.2 U	1.1 U	
PCB-031	pg/L	890	860	380	
PCB-032	pg/L	640	740	280	
PCB-033	pg/L	C020	C020	C020	
PCB-034	pg/L	19	17	8.3	
PCB-035	pg/L	1.8 U	1.4 U	1.4 U	
PCB-036	pg/L	PRC	PRC	PRC	
PCB-037	pg/L	47	37	21	
PCB-038	pg/L	1.7 U	1.1 U	1.1 U	
PCB-039	pg/L	1.7 U	1.3 U	1.2 U	
PCB-040	pg/L	250	170	110	
PCB-041	pg/L	1200 C	740 C	520 C	
PCB-042	pg/L	690 C	370 C	260 C	
PCB-043	pg/L	3200 C	1700 C	1200 C	
PCB-044	pg/L	2600	1500	980	
PCB-045	pg/L	390	300	170	
PCB-046	pg/L	180	120	70	

**Table 6**  
**Analytical Results for PCB Congeners in Porewater**

<i>SampleID</i>	LDW-BA-IN-ENR+AC-CA-S010	LDW-BA-IN-ENR+AC-CB-S010	LDW-BA-IN-ENR+AC-CC-S010		
<i>SampleDate</i>	9/10/2016	9/10/2016	9/10/2016		
<i>Plot</i>	Intertidal	Intertidal	Intertidal		
<i>SubPlot</i>	ENR+AC	ENR+AC	ENR+AC		
<b>Polychlorinated Biphenyls (PCBs)</b>					
PCB-047	pg/L 570	290	220		
PCB-048	pg/L 290 C	180 C	130 C		
PCB-049	pg/L C043	C043	C043		
PCB-050	pg/L 16	9.4	6.3		
PCB-051	pg/L 120	78	50		
PCB-052	pg/L 5800 C	2900 C	2000 C		
PCB-053	pg/L 450	320	190		
PCB-054	pg/L 6.5	6.2	3.3		
PCB-055	pg/L 51	24	17		
PCB-056	pg/L 200 C	130 C	98 C		
PCB-057	pg/L 67	27	19		
PCB-058	pg/L 140	12	11		
PCB-059	pg/L C042	C042	C042		
PCB-060	pg/L C056	C056	C056		
PCB-061	pg/L 730 C	400 C	330 C		
PCB-062	pg/L 1.5 U	0.81 U	1.6 U		
PCB-063	pg/L 58	31	21		
PCB-064	pg/L C041	C041	C041		
PCB-065	pg/L 1.4 U	0.79 U	1.5 U		
PCB-066	pg/L 660 C	380 C	310 C		
PCB-067	pg/L 1.1 U	52	38		
PCB-068	pg/L 27	13	12		
PCB-069	pg/L C052	C052	C052		
PCB-070	pg/L C061	C061	C061		
PCB-071	pg/L C041	C041	C041		
PCB-072	pg/L C041	C041	C041		
PCB-073	pg/L 1.4 U	0.78 U	1.5 U		
PCB-074	pg/L 280	160	130		
PCB-075	pg/L C048	C048	C048		
PCB-076	pg/L C066	C066	C066		
PCB-077	pg/L 25	13	13		
PCB-078	pg/L PRC	PRC	PRC		
PCB-079	pg/L 15	7.4	5.7		
PCB-080	pg/L 0.82 U	0.43 U	0.93 U		
PCB-081	pg/L 27	14	16		
PCB-082	pg/L 130	72	73		
PCB-083	pg/L 100 C	47 C	46 C		
PCB-084	pg/L 980 C	530 C	510 C		
PCB-085	pg/L 170 C	98 C	100 C		
PCB-086	pg/L 1.1 U	1.1 U	0.95 U		
PCB-087	pg/L 530 C	280 C	280 C		
PCB-088	pg/L 330 C	130 C	160 C		
PCB-089	pg/L 29	17	17		
PCB-090	pg/L 1300 C	700 C	730 C		
PCB-091	pg/L C088	C088	C088		
PCB-092	pg/L C084	C084	C084		
PCB-093	pg/L 1 U	0.72 U	0.61 U		

**Table 6**  
**Analytical Results for PCB Congeners in Porewater**

<i>SampleID</i>	LDW-BA-IN-ENR+AC-CA-S010	LDW-BA-IN-ENR+AC-CB-S010	LDW-BA-IN-ENR+AC-CC-S010		
<i>SampleDate</i>	9/10/2016	9/10/2016	9/10/2016		
<i>Plot</i>	Intertidal	Intertidal	Intertidal		
<i>SubPlot</i>	ENR+AC	ENR+AC	ENR+AC		
<b>Polychlorinated Biphenyls (PCBs)</b>					
PCB-094	pg/L 14	7.7	6.9		
PCB-095	pg/L 2500	1300	1200		
PCB-096	pg/L 20	12	10		
PCB-097	pg/L 310	170	170		
PCB-098	pg/L 0.87 UC	0.57 UC	0.48 UC		
PCB-099	pg/L 530	300	310		
PCB-100	pg/L 14	6.9	7.1		
PCB-101	pg/L C090	C090	C090		
PCB-102	pg/L U,C098	U,C098	U,C098		
PCB-103	pg/L 39	18	17		
PCB-104	pg/L PRC	PRC	PRC		
PCB-105	pg/L 140	64	75 L		
PCB-106	pg/L 480 C	230 C	240 C L		
PCB-107	pg/L 42 C	21 C	21 C L		
PCB-108	pg/L C107	C107	C107		
PCB-109	pg/L 0.91 U	0.81 U	0.68 U		
PCB-110	pg/L 1300	720	710		
PCB-111	pg/L 17 C	5.1 C	8.4 C L		
PCB-112	pg/L C083	C083	C083		
PCB-113	pg/L 0.97 U	0.88 U	0.74 U		
PCB-114	pg/L 14	4.8	5.5 L		
PCB-115	pg/L C111	C111	C111		
PCB-116	pg/L C085	C085	C085		
PCB-117	pg/L C087	C087	C087		
PCB-118	pg/L C106	C106	C106		
PCB-119	pg/L 52	26	24		
PCB-120	pg/L 0.76 U	0.68 U	0.6 U L		
PCB-121	pg/L PRC	PRC	PRC		
PCB-122	pg/L 8	3.5	3.3 L		
PCB-123	pg/L 10	6	4.9 L		
PCB-124	pg/L 23	11	11 L		
PCB-125	pg/L C087	C087	C087		
PCB-126	pg/L 0.79 U	0.45 U	0.56 U L		
PCB-127	pg/L 0.58 U	0.34 U	0.42 U L		
PCB-128	pg/L 51 C L	22 C L	28 C L		
PCB-129	pg/L 19 L	9 L	11 L		
PCB-130	pg/L 31 L	14 L	15 L		
PCB-131	pg/L 14 C	7.2 C L	7.6 C L		
PCB-132	pg/L 150 C	61 C L	77 C L		
PCB-133	pg/L C131	C131	C131		
PCB-134	pg/L 34 C	16 C L	19 C L		
PCB-135	pg/L 76	38 L	48 L		
PCB-136	pg/L 93 L	48 L	60 L		
PCB-137	pg/L 17 L	9 L	12 L		
PCB-138	pg/L 280 C L	130 C L	160 C L		
PCB-139	pg/L 360 C	170 C L	210 C L		
PCB-140	pg/L 4.2	3 L	3.4 L		

**Table 6**  
**Analytical Results for PCB Congeners in Porewater**

<i>SampleID</i>	LDW-BA-IN-ENR+AC-CA-S010	LDW-BA-IN-ENR+AC-CB-S010	LDW-BA-IN-ENR+AC-CC-S010		
<i>SampleDate</i>	9/10/2016	9/10/2016	9/10/2016		
<i>Plot</i>	Intertidal	Intertidal	Intertidal		
<i>SubPlot</i>	ENR+AC	ENR+AC	ENR+AC		
<b>Polychlorinated Biphenyls (PCBs)</b>					
PCB-141	pg/L 53 L	25 L	33 L		
PCB-142	pg/L PRC	PRC	PRC		
PCB-143	pg/L C134	C134	C134		
PCB-144	pg/L 21	8.6 L	9.9 L		
PCB-145	pg/L 0.44 J L	0.24 U L	0.29 U L		
PCB-146	pg/L 43 C L	20 C L	27 C L		
PCB-147	pg/L 14	5.6 L	7.4 L		
PCB-148	pg/L 0.31 U	0.35 U L	0.4 U L		
PCB-149	pg/L C139	C139	C139		
PCB-150	pg/L 1.2 L	0.69 J L	0.97 L		
PCB-151	pg/L 91	45 L	59 L		
PCB-152	pg/L 0.94 L	0.6 J L	0.71 J L		
PCB-153	pg/L 250 L	120 L	160 L		
PCB-154	pg/L 8	4.5 L	5.4 L		
PCB-155	pg/L PRC	PRC	PRC		
PCB-156	pg/L 19 L	8.1 L	11 L		
PCB-157	pg/L 4.5 L	2 L	2.7 L		
PCB-158	pg/L 39 C L	17 C L	23 C L		
PCB-159	pg/L 1.2 L	0.6 J L	0.75 J L		
PCB-160	pg/L C158	C158	C158		
PCB-161	pg/L C132	C132	C132		
PCB-162	pg/L C128	C128	C128		
PCB-163	pg/L C138	C138	C138		
PCB-164	pg/L C138	C138	C138		
PCB-165	pg/L C146	C146	C146		
PCB-166	pg/L 1.8 L	0.61 J L	0.85 J L		
PCB-167	pg/L 9 L	4 L	5.3 L		
PCB-168	pg/L 0.35 U L	0.43 U L	0.44 U L		
PCB-169	pg/L 0.31 U L	0.36 U L	0.39 U L		
PCB-170	pg/L 15 L	6.4 L	11 L		
PCB-171	pg/L 5.9 L	2.7 L	4.5 L		
PCB-172	pg/L 2.5 L	1.1 L	1.9 L		
PCB-173	pg/L 0.64 L	0.28 U L	0.24 U L		
PCB-174	pg/L 19 L	9.6 L	15 L		
PCB-175	pg/L 0.94 L	0.46 L	0.83 L		
PCB-176	pg/L 3 L	1.6 L	2.3 L		
PCB-177	pg/L 13 L	6 L	11 L		
PCB-178	pg/L 4.8 L	2.5 L	4.3 L		
PCB-179	pg/L 9.9 L	4.8 L	8.4 L		
PCB-180	pg/L 25 L	13 L	21 L		
PCB-181	pg/L 0.2 U L	0.25 U L	0.21 U L		
PCB-182	pg/L 22 C L	12 C L	19 C L		
PCB-183	pg/L 11 L	5.5 L	8.7 L		
PCB-184	pg/L PRC	PRC	PRC		
PCB-185	pg/L 1.8 L	1 L	1.8 L		
PCB-186	pg/L 0.13 U L	0.15 U L	0.13 U L		
PCB-187	pg/L C182	C182	C182		

**Table 6**  
**Analytical Results for PCB Congeners in Porewater**

<i>SampleID</i>	LDW-BA-IN-ENR+AC-CA-S010	LDW-BA-IN-ENR+AC-CB-S010	LDW-BA-IN-ENR+AC-CC-S010		
<i>SampleDate</i>	9/10/2016	9/10/2016	9/10/2016		
<i>Plot</i>	Intertidal	Intertidal	Intertidal		
<i>SubPlot</i>	ENR+AC	ENR+AC	ENR+AC		
<b>Polychlorinated Biphenyls (PCBs)</b>					
PCB-188	pg/L 0.26 J L	0.15 U L	0.14 U L		
PCB-189	pg/L 0.57 L	0.15 U L	0.4 J L		
PCB-190	pg/L 2.8 L	1.4 L	2.4 L		
PCB-191	pg/L 0.76 L	0.42 L	0.66 L		
PCB-192	pg/L PRC	PRC	PRC		
PCB-193	pg/L 1.8 L	1 L	1.7 L		
PCB-194	pg/L 1.6 L	0.74 L	1.5 L		
PCB-195	pg/L 0.78 L	0.36 L	0.85 L		
PCB-196	pg/L 2.5 C L	1.4 C L	2.7 C L		
PCB-197	pg/L 0.16 L	0.029 L	0.35 L		
PCB-198	pg/L 0.092 U L	0.16 U L	0.25 U L		
PCB-199	pg/L 2.1 L	1.3 L	2.7 L		
PCB-200	pg/L 0.34 L	0.098 U L	0.37 J L		
PCB-201	pg/L 0.39 L	0.11 U L	0.44 J L		
PCB-202	pg/L 0.53 L	0.44 L	0.77 L		
PCB-203	pg/L C196	C196	C196		
PCB-204	pg/L PRC	PRC	PRC		
PCB-205	pg/L 0.09 U L	0.077 U L	0.13 U L		
PCB-206	pg/L 0.28 L	0.17 L	0.42 L		
PCB-207	pg/L 0.034 L	0.015 L	0.11 L		
PCB-208	pg/L 0.079 J L	0.044 U L	0.13 U L		
PCB-209	pg/L 0.04 L	0.044 L	0.069 L		

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
- L = Percent to steady state less than 20%
- PCB = Polychlorinated biphenyl
- pg/L = picogram per liter
- PRC = Performance Reference Compound
- U = Not detected at the estimated detection limit



**Table 7  
Analytical Results for Bulk Sediment**

<i>SampleID</i>		LDW-BA-SU- ENR-CA-CORE	LDW-BA-SU- ENR-CB-CORE	LDW-BA-SU- ENR-CC-CORE	LDW-BA-SU- ENR+AC-CA- CORE	LDW-BA-SU- ENR+AC-CB- CORE
<i>SampleDate</i>		11/26/16	11/26/16	11/26/16	11/26/16	11/26/16
<i>Plot</i>		Subtidal	Subtidal	Subtidal	Subtidal	Subtidal
<i>SubPlot</i>		ENR	ENR	ENR	ENR+AC	ENR+AC
<b>Conventionals</b>						
Black Carbon/% Soot (Avg)	%	0.181 J	0.159	0.0625	0.114	0.0455
Total Organic Carbon (Avg)	%	1.71 J	2.07	1.73	2.07	2
<b>Grain Size</b>						
Cobbles	%	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
% Coarse Gravel	%	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
% Fine Gravel	%	5 J	3.9	0.9 J	0.5 J	2.3 J
% Total Gravel	%	5 J	3.9 J	0.9 J	0.5 J	2.3 J
% Coarse Sand	%	2.1 J	2.3 J	1.3 J	0.5 J	1 J
% Medium Sand	%	9.3 J	9.1 J	6.8 J	3.3 J	3.4 J
% Fine Sand	%	20.5 J	14.4 J	19.4 J	10.4 J	17.3 J
% Total Sand	%	31.9 J	25.8 J	27.5 J	14.2 J	21.7 J
% Silt Fine	%	53.3 J	62.1 J	63.8 J	69.1 J	63.4 J
% Clay Fine	%	9.8 J	8.2 J	7.8 J	16.2 J	12.6 J
% Total Fines	%	63.1 J	70.3 J	71.6 J	85.3 J	76 J
<b>Polychlorinated Biphenyls (PCBs)</b>						
PCBs (Total, Congeners)	pg/g	153000	468000	237000	151000	210000
PCB-001	pg/g	51.1	108	60.2	56.8	65.7
PCB-002	pg/g	14.1	23.2	11.8	11.1	7.22
PCB-003	pg/g	41.6	93.6	37.4	45.6	38.2
PCB-004	pg/g	261	717	378	214	322
PCB-005	pg/g	112	263	106	78.4	92
PCB-006	pg/g	559	992	498	303	474
PCB-007	pg/g	72.1	202	89.5	57.7	85.7
PCB-008	pg/g	1310	3710	1870	1100	1710
PCB-009	pg/g	61.9	150	93.7	51.7	84.5
PCB-010	pg/g	29.1	63.9	45.1	40.9	49.1
PCB-011	pg/g	58.4	71.2	45	18.8	28.7
PCB-012	pg/g	78	216	58.1	26.2	87.1
PCB-013	pg/g	142	153	154	88.5	79.5
PCB-014	pg/g	0.799 U	1.15 U	1.95 U	1.53 U	1.32 U
PCB-015	pg/g	659	2030	1060	550	897
PCB-016	pg/g	763	1970	1160	622	1180
PCB-017	pg/g	1260	3500	1780	1070	1900
PCB-018	pg/g	2720	6990	3500	2210	4180
PCB-019	pg/g	192	504	261	175	275
PCB-020	pg/g	2970 C	10600 C	3700 C	2640 C	4660 C
PCB-021	pg/g	C020	C020	C020	C020	C020
PCB-022	pg/g	1790	6320	2280	1550	2860
PCB-023	pg/g	7.64	27.2	7.61	1.76 U	11.2
PCB-024	pg/g	64	306	86.5	58.8	136
PCB-025	pg/g	827	1840	663	483	789
PCB-026	pg/g	1740	3990	1340	993	1730
PCB-027	pg/g	144	226	206	122	179
PCB-028	pg/g	6260	20900	7100	5140	8950
PCB-029	pg/g	36.5	143	51.7	37.4	66.8
PCB-030	pg/g	0.905 U	1.25 U	1.94 U	1.43 U	1.26 U
PCB-031	pg/g	5380	17300	6500	4440	7580
PCB-032	pg/g	834	2560	1110	781	1320

**Table 7  
Analytical Results for Bulk Sediment**

<i>SampleID</i>	LDW-BA-SU- ENR-CA-CORE	LDW-BA-SU- ENR-CB-CORE	LDW-BA-SU- ENR-CC-CORE	LDW-BA-SU- ENR+AC-CA- CORE	LDW-BA-SU- ENR+AC-CB- CORE
<i>SampleDate</i>	11/26/16	11/26/16	11/26/16	11/26/16	11/26/16
<i>Plot</i>	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal
<i>SubPlot</i>	ENR	ENR	ENR	ENR+AC	ENR+AC
<b>Polychlorinated Biphenyls (PCBs)</b>					
PCB-033	pg/g	C020	C020	C020	C020
PCB-034	pg/g	64.9	158	63.1	51.7
PCB-035	pg/g	1.13 U	1.39 U	121	67.8
PCB-036	pg/g	1.07 U	1.32 U	1.93 U	1.76 U
PCB-037	pg/g	75	3460	1680	896
PCB-038	pg/g	1.05 U	1.3 U	31.5	22
PCB-039	pg/g	1.07 U	1.32 U	17.8	15.6
PCB-040	pg/g	325	879	672	294
PCB-041	pg/g	1620 C	4260 C	3390 C	1360 C
PCB-042	pg/g	733 C	1850 C	1410 C	595 C
PCB-043	pg/g	3270 C	7980 C	4920 C	2620 C
PCB-044	pg/g	2350	6360	4400	2000
PCB-045	pg/g	488	1250	737	437
PCB-046	pg/g	195	464	283	168
PCB-047	pg/g	904	2130	1220	646
PCB-048	pg/g	518 C	1490 C	1120 C	523 C
PCB-049	pg/g	C043	C043	C043	C043
PCB-050	pg/g	15.9	37.2	21.7	13.7
PCB-051	pg/g	168	429	245	147
PCB-052	pg/g	3990 C	10800 C	6310 C	3460 C
PCB-053	pg/g	522	1340	745	448
PCB-054	pg/g	8.07	21.4	12.3	7.32
PCB-055	pg/g	78.6	241	118	78.6
PCB-056	pg/g	2240 C	7950 C	3900 C	2160 C
PCB-057	pg/g	24	46.7	40.7	19.3
PCB-058	pg/g	22.8	47.9	25.5	20
PCB-059	pg/g	C042	C042	C042	C042
PCB-060	pg/g	C056	C056	C056	C056
PCB-061	pg/g	4750 C	15800 C	7340 C	4770 C
PCB-062	pg/g	0.698 U	1.03 U	1.82 U	1.32 U
PCB-063	pg/g	204	601	292	187
PCB-064	pg/g	C041	C041	C041	C041
PCB-065	pg/g	0.649 U	0.959 U	1.69 U	1.22 U
PCB-066	pg/g	4250 C	13200 C	6380 C	4130 C
PCB-067	pg/g	178	502	243	154
PCB-068	pg/g	20	21.7	28	15.7
PCB-069	pg/g	C052	C052	C052	C052
PCB-070	pg/g	C061	C061	C061	C061
PCB-071	pg/g	C041	C041	C041	C041
PCB-072	pg/g	C041	C041	C041	C041
PCB-073	pg/g	0.724 U	1.07 U	1.89 U	1.37 U
PCB-074	pg/g	2110	6910	3350	2120
PCB-075	pg/g	C048	C048	C048	C048
PCB-076	pg/g	C066	C066	C066	C066
PCB-077	pg/g	338	1070	578	345
PCB-078	pg/g	20.1	49.7	29.7	18.8
PCB-079	pg/g	72.1	190	102	66.6
PCB-080	pg/g	0.547 U	0.808 U	1.42 U	1.03 U

**Table 7**  
**Analytical Results for Bulk Sediment**

<i>SampleID</i>	LDW-BA-SU-ENR-CA-CORE	LDW-BA-SU-ENR-CB-CORE	LDW-BA-SU-ENR-CC-CORE	LDW-BA-SU-ENR+AC-CA-CORE	LDW-BA-SU-ENR+AC-CB-CORE	
<i>SampleDate</i>	11/26/16	11/26/16	11/26/16	11/26/16	11/26/16	
<i>Plot</i>	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	
<i>SubPlot</i>	ENR	ENR	ENR	ENR+AC	ENR+AC	
<b>Polychlorinated Biphenyls (PCBs)</b>						
PCB-081	pg/g	96.5	310	179	101	148
PCB-082	pg/g	724	2190	1250	798	1080
PCB-083	pg/g	325 C	1020 C	514 C	336 C	423 C
PCB-084	pg/g	2900 C	9030 C	4570 C	3090 C	3750 C
PCB-085	pg/g	890 C	2910 C	1550 C	994 C	1310 C
PCB-086	pg/g	0.817 U	1.03 U	1.9 U	1.85 U	1.55 U
PCB-087	pg/g	2190 C	7620 C	3960 C	2470 C	3420 C
PCB-088	pg/g	1650 C	5230 C	1940 C	1890 C	2230 C
PCB-089	pg/g	69.5	229	113	80	102
PCB-090	pg/g	7140 C	23100 C	11700 C	7780 C	9880 C
PCB-091	pg/g	C088	C088	C088	C088	C088
PCB-092	pg/g	C084	C084	C084	C084	C084
PCB-093	pg/g	1.58 U	2.04 U	2.91 U	2.84 U	2.49 U
PCB-094	pg/g	59.5	175	74.8	68.1	78.6
PCB-095	pg/g	10300	33100	12400	12300	15000
PCB-096	pg/g	38.2	124	66.1	44.3	60.4
PCB-097	pg/g	1690	5610	2830	1850	2330
PCB-098	pg/g	1.22 UC	1.57 UC	2.24 UC	2.19 UC	1.92 UC
PCB-099	pg/g	2940	8740	4460	3040	3610
PCB-100	pg/g	65.1	158	62.7	60.8	55.6
PCB-101	pg/g	C090	C090	C090	C090	C090
PCB-102	pg/g	UC	UC	UC	UC	UC
PCB-103	pg/g	106	256	150	112	96.9
PCB-104	pg/g	1.02 U	1.32 U	1.88 U	1.84 U	1.6 U
PCB-105	pg/g	2050	7490	3540	2230	3000
PCB-106	pg/g	6070 C	20400 C	9890 C	6290 C	8170 C
PCB-107	pg/g	442 C	1380 C	669 C	452 C	518 C
PCB-108	pg/g	C107	C107	C107	C107	C107
PCB-109	pg/g	0.594 U	0.748 U	4.36	1.35 U	1.13 U
PCB-110	pg/g	6480	20000	10500	6910	8700
PCB-111	pg/g	85.4 C	352 C	183 C	108 C	156 C
PCB-112	pg/g	C083	C083	C083	C083	C083
PCB-113	pg/g	0.631 U	0.795 U	1.47 U	1.43 U	1.2 U
PCB-114	pg/g	148	477	231	152	187
PCB-115	pg/g	C111	C111	C111	C111	C111
PCB-116	pg/g	C085	C085	C085	C085	C085
PCB-117	pg/g	C087	C087	C087	C087	C087
PCB-118	pg/g	C106	C106	C106	C106	C106
PCB-119	pg/g	210	515	251	191	171
PCB-120	pg/g	0.535 U	0.675 U	1.25 U	1.21 U	1.01 U
PCB-121	pg/g	1.11 U	1.44 U	2.05 U	2 U	1.75 U
PCB-122	pg/g	67.3	187	117	79.3	91.2
PCB-123	pg/g	86.2	272	138	95	119
PCB-124	pg/g	248	829	444	274	359
PCB-125	pg/g	C087	C087	C087	C087	C087
PCB-126	pg/g	15.1	49.8	27.5	26.9	26.2
PCB-127	pg/g	0.794 U	0.9 U	1.47 U	1.27 U	1.39 U
PCB-128	pg/g	1100 C	3650 C	1840 C	1200 C	1530 C

**Table 7  
Analytical Results for Bulk Sediment**

<i>SampleID</i>	LDW-BA-SU- ENR-CA-CORE	LDW-BA-SU- ENR-CB-CORE	LDW-BA-SU- ENR-CC-CORE	LDW-BA-SU- ENR+AC-CA- CORE	LDW-BA-SU- ENR+AC-CB- CORE	
<i>SampleDate</i>	11/26/16	11/26/16	11/26/16	11/26/16	11/26/16	
<i>Plot</i>	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	
<i>SubPlot</i>	ENR	ENR	ENR	ENR+AC	ENR+AC	
<b>Polychlorinated Biphenyls (PCBs)</b>						
PCB-129	pg/g	348	1250	636	399	530
PCB-130	pg/g	449	1470	729	465	542
PCB-131	pg/g	219 C	673 C	352 C	234 C	273 C
PCB-132	pg/g	2160 C	7300 C	3520 C	2120 C	2710 C
PCB-133	pg/g	C131	C131	C131	C131	C131
PCB-134	pg/g	385 C	1240 C	662 C	412 C	503 C
PCB-135	pg/g	854	2670	1430	872	1080
PCB-136	pg/g	939	2690	1490	980	1270
PCB-137	pg/g	388	1320	698	457	585
PCB-138	pg/g	6290 C	20300 C	10800 C	6600 C	8700 C
PCB-139	pg/g	5330 C	16700 C	9260 C	5690 C	7120 C
PCB-140	pg/g	57.6	129	65.2	55.4	47.4
PCB-141	pg/g	1150	3860	2130	1220	1690
PCB-142	pg/g	1.42 U	1.61 U	3.92 J	1.85 U	2.32 U
PCB-143	pg/g	C134	C134	C134	C134	C134
PCB-144	pg/g	325	1020	608	340	468
PCB-145	pg/g	3.28 J	9.51	5.7	3.4 J	4.21
PCB-146	pg/g	1040 C	3000 C	1520 C	1030 C	1180 C
PCB-147	pg/g	138	454	243	143	173
PCB-148	pg/g	0.709 U	0.977 U	2.18 U	1.79 U	1.7 U
PCB-149	pg/g	C139	C139	C139	C139	C139
PCB-150	pg/g	15.1	38.3	21	13.9	12.9
PCB-151	pg/g	1430	4500	2480	1450	1900
PCB-152	pg/g	7.84	21.6	11.3	7.99	9.12
PCB-153	pg/g	6260	19400	10600	6490	8390
PCB-154	pg/g	115	288	143	114	94.4
PCB-155	pg/g	0.462 U	0.636 U	1.42 U	1.16 U	1.11 U
PCB-156	pg/g	709	2370	1220	784	1020
PCB-157	pg/g	146	479	254	160	202
PCB-158	pg/g	761 C	2530 C	1350 C	811 C	1080 C
PCB-159	pg/g	48.9	116	89.2	42.7	53.4
PCB-160	pg/g	C158	C158	C158	C158	C158
PCB-161	pg/g	C132	C132	C132	C132	C132
PCB-162	pg/g	C128	C128	C128	C128	C128
PCB-163	pg/g	C138	C138	C138	C138	C138
PCB-164	pg/g	C138	C138	C138	C138	C138
PCB-165	pg/g	C146	C146	C146	C146	C146
PCB-166	pg/g	28.6	95.4	50.2	32.3	39.2
PCB-167	pg/g	271	839	468	309	357
PCB-168	pg/g	16.3	27.7	15.7	12.6	1.58 U
PCB-169	pg/g	0.906 U	1.16 U	2.51 U	1.23 U	1.5 U
PCB-170	pg/g	1540	3790	2630	1530	1930
PCB-171	pg/g	486	1330	843	508	598
PCB-172	pg/g	289	748	508	290	363
PCB-173	pg/g	43	113	74.8	40.2	52.7
PCB-174	pg/g	1630	4450	2880	1630	2070
PCB-175	pg/g	69	182	120	71.1	89.3
PCB-176	pg/g	240	644	428	236	295

**Table 7**  
**Analytical Results for Bulk Sediment**

<i>SampleID</i>	LDW-BA-SU-ENR-CA-CORE	LDW-BA-SU-ENR-CB-CORE	LDW-BA-SU-ENR-CC-CORE	LDW-BA-SU-ENR+AC-CA-CORE	LDW-BA-SU-ENR+AC-CB-CORE
<i>SampleDate</i>	11/26/16	11/26/16	11/26/16	11/26/16	11/26/16
<i>Plot</i>	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal
<i>SubPlot</i>	ENR	ENR	ENR	ENR+AC	ENR+AC
<b>Polychlorinated Biphenyls (PCBs)</b>					
PCB-177	pg/g 1020	2730	1780	1000	1240
PCB-178	pg/g 359	925	627	348	416
PCB-179	pg/g 694	1830	1270	674	852
PCB-180	pg/g 2890	7550	5050	2860	3730
PCB-181	pg/g 1.05 U	1.31 U	1.62 U	1.28 U	1.53 U
PCB-182	pg/g 1980 C	5160 C	3540 C	1900 C	2310 C
PCB-183	pg/g 973	2640	1700	976	1210
PCB-184	pg/g 0.75 U	4.7	1.16 U	0.916 U	1.09 U
PCB-185	pg/g 174	457	334	172	239
PCB-186	pg/g 0.807 U	1.01 U	1.25 U	0.985 U	1.18 U
PCB-187	pg/g C182	C182	C182	C182	C182
PCB-188	pg/g 4.01	8.21	6.87	3.26 J	3.24 J
PCB-189	pg/g 58.8	153	99.1	62.8	77.1
PCB-190	pg/g 305	769	509	314	397
PCB-191	pg/g 66.2	173	115	67	84.2
PCB-192	pg/g 0.893 U	1.12 U	1.38 U	1.09 U	1.3 U
PCB-193	pg/g 182	466	323	183	218
PCB-194	pg/g 722	1720	1230	705	865
PCB-195	pg/g 307	874	538	313	408
PCB-196	pg/g 794 C	1650 C	1210 C	762 C	923 C
PCB-197	pg/g 31.2	70.3	49.3	28.9	35
PCB-198	pg/g 31.8	77.5	51.1	36.1	46.3
PCB-199	pg/g 750	1470	1160	701	824
PCB-200	pg/g 90.9	193	149	87.6	105
PCB-201	pg/g 107	242	179	101	127
PCB-202	pg/g 145	330	241	146	165
PCB-203	pg/g C196	C196	C196	C196	C196
PCB-204	pg/g 1 U	1.43 U	1.67 U	1.47 U	1.52 U
PCB-205	pg/g 34.6	88.7	63.8	37	44.2
PCB-206	pg/g 290	762	400	313	302
PCB-207	pg/g 41.7	81.2	57.7	44	43.3
PCB-208	pg/g 68.9	169	91.4	85	67.5
PCB-209	pg/g 93.3	495	131	125	83.3

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 per gram
- U = Not detected at the estimated detection limit

**Table 7**  
**Analytical Results for Bulk Sediment**

<i>SampleID</i>		LDW-BA-SU- ENR+AC-CC- CORE	LDW-BA-SC- ENR-CA-CORE	LDW-BA-SC- ENR-CB-CORE	LDW-BA-SC- ENR-CC-CORE	LDW-BA-SC- ENR+AC-CA- CORE
<i>SampleDate</i>		11/26/16	09/10/16	09/10/16	09/10/16	09/09/16
<i>Plot</i>		Subtidal	Scour	Scour	Scour	Scour
<i>SubPlot</i>		ENR+AC	ENR	ENR	ENR	ENR+AC
<b>Conventionals</b>						
Black Carbon/% Soot (Avg)	%	0.156	0.299	0.145	0.165	0.218
Total Organic Carbon (Avg)	%	2.16	2.57 J	2.71	2.8	2.21
<b>Grain Size</b>						
Cobbles	%	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
% Coarse Gravel	%	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
% Fine Gravel	%	0.1 U	0.1	0.1 U	0.1 U	8.3
% Total Gravel	%	0.1 U	0.1 J	0.1 U	0.1 U	8.3 J
% Coarse Sand	%	0.3 J	1.1 J	0.6 J	2.3 J	4.1 J
% Medium Sand	%	2.5 J	3.2 J	1.9 J	11.3 J	12.5 J
% Fine Sand	%	10.1 J	9.3	8.5	12.4	17.5
% Total Sand	%	12.9 J	13.6 J	11 J	26 J	34.1 J
% Silt Fine	%	73.3 J	66.3	73.8	62.1	49.3
% Clay Fine	%	13.8 J	20 J	15.2 J	11.9 J	8.3 J
% Total Fines	%	87.1 J	86.3	89	74	57.6
<b>Polychlorinated Biphenyls (PCBs)</b>						
PCBs (Total, Congeners)	pg/g	341000	54700	17500	26600	21700
PCB-001	pg/g	61.9	14.3	8.83	8.51	7.82
PCB-002	pg/g	12.6	4.43	2.25 J	2.85 J	2.61 J
PCB-003	pg/g	44.3	13.4	7.29	12.6	6.56
PCB-004	pg/g	428	47.6	23	29.9	37.3
PCB-005	pg/g	97	0.947 U	0.808 U	0.813 U	0.509 U
PCB-006	pg/g	567	68.8	33.1	36.2	55.9
PCB-007	pg/g	103	11.1	4.61	6.16	6.94
PCB-008	pg/g	2340	224	97.4	128	175
PCB-009	pg/g	104	9.29	4.18	5.48	8.18
PCB-010	pg/g	43.9	2.74 J	1.23 J	1.56 J	2.34 J
PCB-011	pg/g	34.5	19.9	9.44	12.3	10.8
PCB-012	pg/g	28.5	4.74	2.43 J	2.69 J	2.6 J
PCB-013	pg/g	182	24.3	11.7	14.3	14.8
PCB-014	pg/g	1.99 U	0.971 U	0.829 U	0.834 U	0.522 U
PCB-015	pg/g	1270	140	60.6	86.9	94.5
PCB-016	pg/g	1220	107	39.9	61.6	75.4
PCB-017	pg/g	2260	158	64.7	86.4	118
PCB-018	pg/g	4680	340	136	185	243
PCB-019	pg/g	328	32	12.4	16.5	20.9
PCB-020	pg/g	5750 C	471 C	182 C	242 C	238 C
PCB-021	pg/g	C020	C020	C020	C020	C020
PCB-022	pg/g	3450	291	102	135	149
PCB-023	pg/g	17.2	1.24 U	1 U	0.904 U	1.19 U
PCB-024	pg/g	137	22.7	9.35	8.37	10.8
PCB-025	pg/g	934	128	50.5	62.6	60.8
PCB-026	pg/g	1970	215	93.1	131	113
PCB-027	pg/g	224	16.8	7.88	12.8	15.7
PCB-028	pg/g	10300	1040	365	442	455
PCB-029	pg/g	81.1	7.18	1.01 U	4.31	4.69
PCB-030	pg/g	1.76 U	0.936 U	0.925 U	0.91 U	0.594 U
PCB-031	pg/g	10700	993	341	431	456
PCB-032	pg/g	1620	117	49.2	60.7	89.9

**Table 7**  
**Analytical Results for Bulk Sediment**

<i>SampleID</i>	LDW-BA-SU- ENR+AC-CC- CORE	LDW-BA-SC- ENR-CA-CORE	LDW-BA-SC- ENR-CB-CORE	LDW-BA-SC- ENR-CC-CORE	LDW-BA-SC- ENR+AC-CA- CORE
<i>SampleDate</i>	11/26/16	09/10/16	09/10/16	09/10/16	09/09/16
<i>Plot</i>	Subtidal	Scour	Scour	Scour	Scour
<i>SubPlot</i>	ENR+AC	ENR	ENR	ENR	ENR+AC
<b>Polychlorinated Biphenyls (PCBs)</b>					
PCB-033	pg/g C020	C020	C020	C020	C020
PCB-034	pg/g 103	7.65	1.11 U	5.07	1.32 U
PCB-035	pg/g 140	1.1 U	0.894 U	0.806 U	1.06 U
PCB-036	pg/g 2.45 U	1.16 U	0.943 U	0.85 U	1.12 U
PCB-037	pg/g 2120	198	82.8	109	117
PCB-038	pg/g 27.1	1.22 U	0.991 U	0.894 U	1.17 U
PCB-039	pg/g 24.6	1.12 U	0.907 U	0.818 U	1.08 U
PCB-040	pg/g 751	60.2	27.9	40.4	30.1
PCB-041	pg/g 3330 C	276 C	117 C	184 C	198 C
PCB-042	pg/g 1360 C	121 C	52.9 C	73.8 C	105 C
PCB-043	pg/g 5770 C	589 C	213 C	331 C	363 C
PCB-044	pg/g 4900	488	151	284	293
PCB-045	pg/g 903	77.4	32.1	40.5	59.5
PCB-046	pg/g 344	32	12.7	17.9	22.7
PCB-047	pg/g 1390	147	56	79.9	96.9
PCB-048	pg/g 1170 C	84.4 C	39.3 C	51.9 C	74.3 C
PCB-049	pg/g C043	C043	C043	C043	C043
PCB-050	pg/g 27.2	2.88 J	0.846 U	1.66 J	0.827 U
PCB-051	pg/g 299	35.7	15.5	19.2	23.7
PCB-052	pg/g 8250 C	1130 C	283 C	616 C	451 C
PCB-053	pg/g 947	111	42.6	58.7	65.5
PCB-054	pg/g 15.6	2.6 J	0.642 U	1.19 J	0.628 U
PCB-055	pg/g 159	16.4	6.55	10.5	10.1
PCB-056	pg/g 5130 C	445 C	162 C	257 C	270 C
PCB-057	pg/g 38.1	4.43	2.17 J	3.4 J	0.605 U
PCB-058	pg/g 43.3	2.72 J	1.08 J	1.33 J	0.605 U
PCB-059	pg/g C042	C042	C042	C042	C042
PCB-060	pg/g C056	C056	C056	C056	C056
PCB-061	pg/g 11600 C	1070 C	314 C	582 C	474 C
PCB-062	pg/g 1.37 U	0.742 U	0.674 U	0.509 U	0.66 U
PCB-063	pg/g 409	33.2	11.9	17.9	19.8
PCB-064	pg/g C041	C041	C041	C041	C041
PCB-065	pg/g 1.27 U	0.745 U	0.677 U	0.511 U	0.662 U
PCB-066	pg/g 9300 C	802 C	294 C	413 C	446 C
PCB-067	pg/g 323	27.8	11.1	14	16.9
PCB-068	pg/g 26.1	3.54 J	2.29 J	2.52 J	1.8 J
PCB-069	pg/g C052	C052	C052	C052	C052
PCB-070	pg/g C061	C061	C061	C061	C061
PCB-071	pg/g C041	C041	C041	C041	C041
PCB-072	pg/g C041	C041	C041	C041	C041
PCB-073	pg/g 1.42 U	0.69 U	0.627 U	0.473 U	0.613 U
PCB-074	pg/g 4900	382	133	207	206
PCB-075	pg/g C048	C048	C048	C048	C048
PCB-076	pg/g C066	C066	C066	C066	C066
PCB-077	pg/g 748	77	31.4	41.9	44.7
PCB-078	pg/g 44.7	3.03 J	0.848 U	2.05 J	0.666 U
PCB-079	pg/g 157	11	3.37 J	6.85	6.91
PCB-080	pg/g 1.07 U	0.581 U	0.528 U	0.398 U	0.516 U



**Table 7**  
**Analytical Results for Bulk Sediment**

<i>SampleID</i>	LDW-BA-SU- ENR+AC-CC- CORE	LDW-BA-SC- ENR-CA-CORE	LDW-BA-SC- ENR-CB-CORE	LDW-BA-SC- ENR-CC-CORE	LDW-BA-SC- ENR+AC-CA- CORE	
<i>SampleDate</i>	11/26/16	09/10/16	09/10/16	09/10/16	09/09/16	
<i>Plot</i>	Subtidal	Scour	Scour	Scour	Scour	
<i>SubPlot</i>	ENR+AC	ENR	ENR	ENR	ENR+AC	
<b>Polychlorinated Biphenyls (PCBs)</b>						
PCB-081	pg/g	247	19.7	5.94	9.89	9.9
PCB-082	pg/g	1940	269	64.8	141	90.8
PCB-083	pg/g	783 C	112 C	27.5 C	55.8 C	37.6 C
PCB-084	pg/g	7170 C	1110 C	256 C	538 C	343 C
PCB-085	pg/g	2320 C	357 C	93.6 C	176 C	128 C
PCB-086	pg/g	1.86 U	1.02 U	0.935 U	0.951 U	0.962 U
PCB-087	pg/g	6430 C	985 C	209 C	472 C	283 C
PCB-088	pg/g	4010 C	572 C	148 C	260 C	156 C
PCB-089	pg/g	157	18.9	5.19	9.43	9.1
PCB-090	pg/g	18300 C	2820 C	686 C	1350 C	923 C
PCB-091	pg/g	C088	C088	C088	C088	C088
PCB-092	pg/g	C084	C084	C084	C084	C084
PCB-093	pg/g	2.59 U	1.1 U	1.43 U	1.23 U	1.4 U
PCB-094	pg/g	144	17.8	5.37	9.4	5.88
PCB-095	pg/g	27000	4610	1060	1990	1100
PCB-096	pg/g	96.3	13.1	4.94	7.65	0.833 U
PCB-097	pg/g	4430	645	146	315	203
PCB-098	pg/g	2 UC	0.653 UC	0.851 UC	0.73 UC	0.833 UC
PCB-099	pg/g	6750	1060	277	522	378
PCB-100	pg/g	101	31.2	12.2	12.9	10.7
PCB-101	pg/g	C090	C090	C090	C090	C090
PCB-102	pg/g	UC	UC	UC	UC	UC
PCB-103	pg/g	190	40.8	17.5	25.5	9.1
PCB-104	pg/g	1.67 U	0.612 U	0.797 U	0.683 U	0.78 U
PCB-105	pg/g	5620	905	228	465	303
PCB-106	pg/g	15300 C	2290 C	555 C	1200 C	733 C
PCB-107	pg/g	1020 C	151 C	42.6 C	86.9 C	57.4 C
PCB-108	pg/g	C107	C107	C107	C107	C107
PCB-109	pg/g	1.35 U	0.8 U	0.733 U	0.745 U	0.754 U
PCB-110	pg/g	16300	2670	600	1300	830
PCB-111	pg/g	302 C	39.1 C	8.46 C	19.1 C	11.7 C
PCB-112	pg/g	C083	C083	C083	C083	C083
PCB-113	pg/g	1.43 U	0.806 U	0.739 U	0.752 U	0.76 U
PCB-114	pg/g	373	51.7	13	30	18.2
PCB-115	pg/g	C111	C111	C111	C111	C111
PCB-116	pg/g	C085	C085	C085	C085	C085
PCB-117	pg/g	C087	C087	C087	C087	C087
PCB-118	pg/g	C106	C106	C106	C106	C106
PCB-119	pg/g	332	62.5	20.9	31.6	28.2
PCB-120	pg/g	17.6	10.4	3.57 J	5.95	4.57
PCB-121	pg/g	1.82 U	0.699 U	0.911 U	0.781 U	0.891 U
PCB-122	pg/g	152	26.2	6.65	14.1	8.93
PCB-123	pg/g	205	31.8	9.68	17.4	12.6
PCB-124	pg/g	680	96.4	22.6	49	30.9
PCB-125	pg/g	C087	C087	C087	C087	C087
PCB-126	pg/g	62.1	11.2	3.12 J	5.33	4.78
PCB-127	pg/g	1.76 U	1.13 U	0.937 U	0.926 U	0.953 U
PCB-128	pg/g	2880 C	516 C	144 C	252 C	167 C

**Table 7  
Analytical Results for Bulk Sediment**

<i>SampleID</i>	LDW-BA-SU- ENR+AC-CC- CORE	LDW-BA-SC- ENR-CA-CORE	LDW-BA-SC- ENR-CB-CORE	LDW-BA-SC- ENR-CC-CORE	LDW-BA-SC- ENR+AC-CA- CORE	
<i>SampleDate</i>	11/26/16	09/10/16	09/10/16	09/10/16	09/09/16	
<i>Plot</i>	Subtidal	Scour	Scour	Scour	Scour	
<i>SubPlot</i>	ENR+AC	ENR	ENR	ENR	ENR+AC	
<b>Polychlorinated Biphenyls (PCBs)</b>						
PCB-129	pg/g	1030	163	38	80.4	47.1
PCB-130	pg/g	1190	194	66.6	110	69.5
PCB-131	pg/g	545 C	96.2 C	28.1 C	45.8 C	33.8 C
PCB-132	pg/g	5470 C	966 C	255 C	434 C	354 C
PCB-133	pg/g	C131	C131	C131	C131	C131
PCB-134	pg/g	1000 C	167 C	47.4 C	85.4 C	57.7 C
PCB-135	pg/g	2070	356	126	180	141
PCB-136	pg/g	2140	461	153	229	184
PCB-137	pg/g	1030	177	34.1	82.7	50.9
PCB-138	pg/g	15500 C	2990 C	936 C	1420 C	1120 C
PCB-139	pg/g	12500 C	2520 C	854 C	1230 C	1030 C
PCB-140	pg/g	89.4	20.7	6.73	10.3	7.88
PCB-141	pg/g	2980	556	196	277	213
PCB-142	pg/g	2.81 U	1.23 U	1.18 U	1.03 U	0.873 U
PCB-143	pg/g	C134	C134	C134	C134	C134
PCB-144	pg/g	883	179	55.3	79	75.8
PCB-145	pg/g	8.18	0.834 U	0.847 U	0.723 U	0.434 U
PCB-146	pg/g	2240 C	441 C	158 C	220 C	177 C
PCB-147	pg/g	376	66.9	19.1	35.7	21.7
PCB-148	pg/g	1.61 U	1.15 U	1.17 U	0.999 U	3.16 J
PCB-149	pg/g	C139	C139	C139	C139	C139
PCB-150	pg/g	25	11.3	4.45	5.3	4.65
PCB-151	pg/g	3370	668	251	319	301
PCB-152	pg/g	19.1	0.829 U	0.842 U	3.06 J	1.3 J
PCB-153	pg/g	14900	3000	1110	1540	1250
PCB-154	pg/g	180	74.6	27.2	36.5	30.7
PCB-155	pg/g	1.05 U	0.742 U	0.753 U	0.643 U	0.386 U
PCB-156	pg/g	1960	358	105	180	115
PCB-157	pg/g	401	79.9	20.6	40.3	24.9
PCB-158	pg/g	2110 C	353 C	107 C	174 C	124 C
PCB-159	pg/g	95.1	35.7	16.1	16.5	17.8
PCB-160	pg/g	C158	C158	C158	C158	C158
PCB-161	pg/g	C132	C132	C132	C132	C132
PCB-162	pg/g	C128	C128	C128	C128	C128
PCB-163	pg/g	C138	C138	C138	C138	C138
PCB-164	pg/g	C138	C138	C138	C138	C138
PCB-165	pg/g	C146	C146	C146	C146	C146
PCB-166	pg/g	14.5	15.8	3.78 J	7.6	3.67 J
PCB-167	pg/g	711	146	42.2	70	50.5
PCB-168	pg/g	1.92 U	5.3	2.18 J	2.54 J	2.35 J
PCB-169	pg/g	1.9 U	0.839 U	0.843 U	0.762 U	0.568 U
PCB-170	pg/g	3070	991	461	488	473
PCB-171	pg/g	1030	259	114	130	126
PCB-172	pg/g	561	161	74.4	79.5	67.7
PCB-173	pg/g	94.5	20.7	9.83	11.1	9.12
PCB-174	pg/g	3230	803	358	387	386
PCB-175	pg/g	145	39.8	19.3	19.7	19.1
PCB-176	pg/g	473	125	55.5	60.4	59.2

**Table 7  
Analytical Results for Bulk Sediment**

<i>SampleID</i>	LDW-BA-SU- ENR+AC-CC- CORE	LDW-BA-SC- ENR-CA-CORE	LDW-BA-SC- ENR-CB-CORE	LDW-BA-SC- ENR-CC-CORE	LDW-BA-SC- ENR+AC-CA- CORE	
<i>SampleDate</i>	11/26/16	09/10/16	09/10/16	09/10/16	09/09/16	
<i>Plot</i>	Subtidal	Scour	Scour	Scour	Scour	
<i>SubPlot</i>	ENR+AC	ENR	ENR	ENR	ENR+AC	
<b>Polychlorinated Biphenyls (PCBs)</b>						
PCB-177	pg/g	2020	575	264	282	284
PCB-178	pg/g	667	186	86.3	91.5	87.3
PCB-179	pg/g	1330	364	158	182	177
PCB-180	pg/g	5920	1620	726	773	724
PCB-181	pg/g	2.04 U	1.02 U	1.21 U	1.11 U	0.688 U
PCB-182	pg/g	3800 C	1190 C	497 C	517 C	522 C
PCB-183	pg/g	1950	551	240	256	257
PCB-184	pg/g	1.46 U	0.671 U	0.796 U	0.727 U	0.451 U
PCB-185	pg/g	361	97.6	45	47.4	46.5
PCB-186	pg/g	1.57 U	0.711 U	0.843 U	0.77 U	0.478 U
PCB-187	pg/g	C182	C182	C182	C182	C182
PCB-188	pg/g	5.3	3.07 J	0.862 U	0.767 U	0.52 U
PCB-189	pg/g	131	38.6	15.2	16.6	17.3
PCB-190	pg/g	582	202	93.3	102	98.3
PCB-191	pg/g	139	39.8	17.8	19.7	16.4
PCB-192	pg/g	1.74 U	0.868 U	1.03 U	0.941 U	0.584 U
PCB-193	pg/g	350	105	47.1	49.5	49.1
PCB-194	pg/g	1270	503	205	208	185
PCB-195	pg/g	570	193	74.1	74	76.1
PCB-196	pg/g	1230 C	680 C	252 C	266 C	239 C
PCB-197	pg/g	52.3	21.7	9.27	9.67	9.9
PCB-198	pg/g	50.7	33.8	14	13.6	11.3
PCB-199	pg/g	1150	665	246	243	241
PCB-200	pg/g	151	74.2	25.6	27.1	28.8
PCB-201	pg/g	178	84.9	27.1	30.6	29.6
PCB-202	pg/g	232	123	41.5	44.1	40.9
PCB-203	pg/g	C196	C196	C196	C196	C196
PCB-204	pg/g	2 U	1.03 U	1.03 U	0.943 U	0.648 U
PCB-205	pg/g	57.4	23.2	9.28	10.2	9.66
PCB-206	pg/g	428	275	76.5	89.1	72.1
PCB-207	pg/g	58.6	37.3	10.9	11.2	10.2
PCB-208	pg/g	104	69.2	20.1	22.2	18.9
PCB-209	pg/g	161	154	27.1	34.9	28.6

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 per gram
- U = Not detected at the estimated detection limit

**Table 7**  
**Analytical Results for Bulk Sediment**

<i>SampleID</i>		LDW-BA-SC-ENR+AC-CB-CORE	LDW-BA-SC-ENR+AC-CC-CORE	LDW-BA-IN-ENR-CA-CORE	LDW-BA-IN-ENR-CB-CORE	LDW-BA-IN-ENR-CC-CORE
<i>SampleDate</i>		09/09/16	09/09/16	09/14/16	09/14/16	09/14/16
<i>Plot</i>		Scour	Scour	Intertidal	Intertidal	Intertidal
<i>SubPlot</i>		ENR+AC	ENR+AC	ENR	ENR	ENR
<b>Conventionals</b>						
Black Carbon/% Soot (Avg)	%	0.493	0.373	0.262	0.066	0.041
Total Organic Carbon (Avg)	%	2.16	1.88	1.45	1.29	1.45
<b>Grain Size</b>						
Cobbles	%	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
% Coarse Gravel	%	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
% Fine Gravel	%	0.1	0.1 U	0.2	0.1 U	0.5
% Total Gravel	%	0.1 J	0.1 U	0.2 J	0.1 U	0.5 J
% Coarse Sand	%	1.3 J	1.4 J	0.6 J	0.6 J	2 J
% Medium Sand	%	16.3 J	9.3 J	12 J	11.5 J	15.6 J
% Fine Sand	%	23.8	18.4	33.5	28.5	28.4
% Total Sand	%	41.4 J	29.1 J	46.1 J	40.6 J	46 J
% Silt Fine	%	50.5	60.5	48.5	53.3	46.9
% Clay Fine	%	8 J	10.4 J	5.2 J	6.1 J	6.6 J
% Total Fines	%	58.5	70.9	53.7	59.4	53.5
<b>Polychlorinated Biphenyls (PCBs)</b>						
PCBs (Total, Congeners)	pg/g	27600	19200	414000	225000	80300
PCB-001	pg/g	11.3	7.46	430	166	1760
PCB-002	pg/g	2.43 J	1.59 J	58.3	21.8	250
PCB-003	pg/g	9.09	5.81	237	86.1	1100
PCB-004	pg/g	71.1	40	266	159	666
PCB-005	pg/g	0.429 U	0.721 U	0.769 U	0.849 U	0.734 U
PCB-006	pg/g	71.3	44.1	468	465	655
PCB-007	pg/g	16.6	8.53	74.7	42.9	161
PCB-008	pg/g	334	203	1010	590	2040
PCB-009	pg/g	9.36	7.03	84.1	39.2	233
PCB-010	pg/g	4.03	1.8 J	21	9.37	50.9
PCB-011	pg/g	8.97	6.04	65.1	52.4	44.8
PCB-012	pg/g	5.56	3.79 J	27.6	11.6	117
PCB-013	pg/g	22	14.6	148	109	323
PCB-014	pg/g	0.44 U	0.739 U	0.788 U	0.87 U	0.753 U
PCB-015	pg/g	153	92.6	509	255	1250
PCB-016	pg/g	169	114	464	359	172
PCB-017	pg/g	254	164	691	587	282
PCB-018	pg/g	555	347	1640	1490	655
PCB-019	pg/g	52.2	29.2	97.7	85.6	44.3
PCB-020	pg/g	560 C	315 C	1960 C	1210 C	572 C
PCB-021	pg/g	C020	C020	C020	C020	C020
PCB-022	pg/g	316	180	934	612	299
PCB-023	pg/g	0.949 U	0.983 U	4.1	3.52 J	1.91 J
PCB-024	pg/g	15.9	18.9	62.3	34	23.8
PCB-025	pg/g	89.6	43.2	1480	1140	183
PCB-026	pg/g	158	97.9	6530	4600	613
PCB-027	pg/g	35.3	13.9	62.4	56.3	29.4
PCB-028	pg/g	1010	505	2960	2190	981
PCB-029	pg/g	8.36	5.94	21.8	11.5	10.6
PCB-030	pg/g	0.649 U	0.675 U	0.784 U	0.861 U	0.821 U
PCB-031	pg/g	845	400	3720	2340	949
PCB-032	pg/g	193	109	446	388	212

**Table 7**  
**Analytical Results for Bulk Sediment**

<i>SampleID</i>	LDW-BA-SC-ENR+AC-CB-CORE	LDW-BA-SC-ENR+AC-CC-CORE	LDW-BA-IN-ENR-CA-CORE	LDW-BA-IN-ENR-CB-CORE	LDW-BA-IN-ENR-CC-CORE
<i>SampleDate</i>	09/09/16	09/09/16	09/14/16	09/14/16	09/14/16
<i>Plot</i>	Scour	Scour	Intertidal	Intertidal	Intertidal
<i>SubPlot</i>	ENR+AC	ENR+AC	ENR	ENR	ENR
<b>Polychlorinated Biphenyls (PCBs)</b>					
PCB-033	pg/g	C020	C020	C020	C020
PCB-034	pg/g	6.35	3.26 J	47.3	37.5
PCB-035	pg/g	0.846 U	0.877 U	61.1	33.9
PCB-036	pg/g	0.893 U	0.925 U	10.8	7.57
PCB-037	pg/g	224	131	671	412
PCB-038	pg/g	0.938 U	0.972 U	33.8	21.8
PCB-039	pg/g	0.859 U	0.891 U	14.6	8.31
PCB-040	pg/g	75.1	62	533	441
PCB-041	pg/g	363 C	311 C	3100 C	2420 C
PCB-042	pg/g	182 C	138 C	1400 C	1080 C
PCB-043	pg/g	577 C	397 C	8700 C	5560 C
PCB-044	pg/g	494	371	6600	4830
PCB-045	pg/g	131	84.9	423	371
PCB-046	pg/g	52.8	33.4	179	153
PCB-047	pg/g	167	114	1430	877
PCB-048	pg/g	145 C	106 C	596 C	445 C
PCB-049	pg/g	C043	C043	C043	C043
PCB-050	pg/g	3.66 J	2.23 J	16.6	12.9
PCB-051	pg/g	44.1	28.5	138	111
PCB-052	pg/g	653 C	473 C	15600 C	10100 C
PCB-053	pg/g	127	79.4	574	437
PCB-054	pg/g	2.6 J	1.69 J	5.97	5.8
PCB-055	pg/g	16.2	12.2	529	339
PCB-056	pg/g	543 C	339 C	3050 C	1580 C
PCB-057	pg/g	3.85 J	4.21	331	219
PCB-058	pg/g	2.28 J	1.64 J	0.644 U	0.676 U
PCB-059	pg/g	C042	C042	C042	C042
PCB-060	pg/g	C056	C056	C056	C056
PCB-061	pg/g	767 C	512 C	8930 C	3850 C
PCB-062	pg/g	0.532 U	0.613 U	0.702 U	0.737 U
PCB-063	pg/g	33.3	22.1	344	200
PCB-064	pg/g	C041	C041	C041	C041
PCB-065	pg/g	0.533 U	0.615 U	0.704 U	0.74 U
PCB-066	pg/g	735 C	482 C	6290 C	3280 C
PCB-067	pg/g	30.7	19.7	958	604
PCB-068	pg/g	2.22 J	2.08 J	113	65
PCB-069	pg/g	C052	C052	C052	C052
PCB-070	pg/g	C061	C061	C061	C061
PCB-071	pg/g	C041	C041	C041	C041
PCB-072	pg/g	C041	C041	C041	C041
PCB-073	pg/g	0.493 U	0.57 U	0.653 U	0.686 U
PCB-074	pg/g	351	234	2730	1490
PCB-075	pg/g	C048	C048	C048	C048
PCB-076	pg/g	C066	C066	C066	C066
PCB-077	pg/g	70.2	46.3	486	240
PCB-078	pg/g	1.81 J	0.932 U	66.1	41.5
PCB-079	pg/g	5.27	3.65 J	209	119
PCB-080	pg/g	0.416 U	0.48 U	0.549 U	0.577 U

**Table 7**  
**Analytical Results for Bulk Sediment**

<i>SampleID</i>	LDW-BA-SC-ENR+AC-CB-CORE	LDW-BA-SC-ENR+AC-CC-CORE	LDW-BA-IN-ENR-CA-CORE	LDW-BA-IN-ENR-CB-CORE	LDW-BA-IN-ENR-CC-CORE	
<i>SampleDate</i>	09/09/16	09/09/16	09/14/16	09/14/16	09/14/16	
<i>Plot</i>	Scour	Scour	Intertidal	Intertidal	Intertidal	
<i>SubPlot</i>	ENR+AC	ENR+AC	ENR	ENR	ENR	
<b>Polychlorinated Biphenyls (PCBs)</b>						
PCB-081	pg/g	9.98	7.72	320	207	69.1
PCB-082	pg/g	122	86.5	2790	1550	480
PCB-083	pg/g	46.9 C	32.1 C	1360 C	715 C	208 C
PCB-084	pg/g	413 C	291 C	11900 C	6740 C	1900 C
PCB-085	pg/g	160 C	112 C	3610 C	1920 C	621 C
PCB-086	pg/g	0.978 U	0.872 U	28.7	16.2	11.7
PCB-087	pg/g	344 C	247 C	9700 C	5320 C	1630 C
PCB-088	pg/g	207 C	126 C	4640 C	2270 C	613 C
PCB-089	pg/g	14	9.71	194	101	35
PCB-090	pg/g	1030 C	750 C	23700 C	12100 C	4340 C
PCB-091	pg/g	C088	C088	C088	C088	C088
PCB-092	pg/g	C084	C084	C084	C084	C084
PCB-093	pg/g	1.38 U	0.939 U	1.79 U	1.5 U	1.26 U
PCB-094	pg/g	8.83	5.38	143	76.1	23.2
PCB-095	pg/g	1390	885	37500	19300	5080
PCB-096	pg/g	7.03	5.71	125	86.1	26.1
PCB-097	pg/g	248	173	6210	3180	1080
PCB-098	pg/g	0.817 UC	0.557 UC	1.06 UC	0.888 UC	0.749 UC
PCB-099	pg/g	433	304	10300	5130	1720
PCB-100	pg/g	9.92	5.89	158	65.3	18.2
PCB-101	pg/g	C090	C090	C090	C090	C090
PCB-102	pg/g	UC	UC	UC	UC	UC
PCB-103	pg/g	14.6	13.7	374	171	45.6
PCB-104	pg/g	0.765 U	0.522 U	0.994 U	0.832 U	0.701 U
PCB-105	pg/g	354	248	10500	4800	1800
PCB-106	pg/g	792 C	611 C	26900 C	13100 C	4550 C
PCB-107	pg/g	67.1 C	45.5 C	2210 C	1010 C	341 C
PCB-108	pg/g	C107	C107	C107	C107	C107
PCB-109	pg/g	0.766 U	0.683 U	5.6	4.33	1.59 J
PCB-110	pg/g	947	692	27400	14700	4370
PCB-111	pg/g	11.1 C	13.1 C	314 C	161 C	60.6 C
PCB-112	pg/g	C083	C083	C083	C083	C083
PCB-113	pg/g	0.772 U	0.688 U	0.96 U	0.905 U	0.882 U
PCB-114	pg/g	23	14.7	585	300	104
PCB-115	pg/g	C111	C111	C111	C111	C111
PCB-116	pg/g	C085	C085	C085	C085	C085
PCB-117	pg/g	C087	C087	C087	C087	C087
PCB-118	pg/g	C106	C106	C106	C106	C106
PCB-119	pg/g	27.8	19.1	759	360	97.8
PCB-120	pg/g	0.646 U	3.96 J	110	46.4	14.4
PCB-121	pg/g	0.874 U	0.596 U	1.14 U	0.951 U	0.801 U
PCB-122	pg/g	11.6	7.97	292	163	57
PCB-123	pg/g	14.9	10.4	337	176	66.7
PCB-124	pg/g	38	27.9	1030	566	197
PCB-125	pg/g	C087	C087	C087	C087	C087
PCB-126	pg/g	5.65	4.09	124	65.1	34.5
PCB-127	pg/g	0.937 U	0.812 U	0.873 U	0.801 U	0.83 U
PCB-128	pg/g	170 C	131 C	5070 C	2760 C	756 C

**Table 7**  
**Analytical Results for Bulk Sediment**

<i>SampleID</i>	LDW-BA-SC-ENR+AC-CB-CORE	LDW-BA-SC-ENR+AC-CC-CORE	LDW-BA-IN-ENR-CA-CORE	LDW-BA-IN-ENR-CB-CORE	LDW-BA-IN-ENR-CC-CORE	
<i>SampleDate</i>	09/09/16	09/09/16	09/14/16	09/14/16	09/14/16	
<i>Plot</i>	Scour	Scour	Intertidal	Intertidal	Intertidal	
<i>SubPlot</i>	ENR+AC	ENR+AC	ENR	ENR	ENR	
<b>Polychlorinated Biphenyls (PCBs)</b>						
PCB-129	pg/g	49.6	39.2	1580	850	248
PCB-130	pg/g	71.2	53.4	1830	1010	288
PCB-131	pg/g	31.8 C	25.4 C	767 C	403 C	124 C
PCB-132	pg/g	332 C	274 C	8970 C	4890 C	1280 C
PCB-133	pg/g	C131	C131	C131	C131	C131
PCB-134	pg/g	59.2 C	48.1 C	1610 C	848 C	238 C
PCB-135	pg/g	147	120	2920	1510	463
PCB-136	pg/g	185	153	3420	1900	550
PCB-137	pg/g	50.7	36.3	1880	989	283
PCB-138	pg/g	1080 C	875 C	22700 C	12300 C	3670 C
PCB-139	pg/g	999 C	811 C	17600 C	9290 C	2820 C
PCB-140	pg/g	7.52	5.47	185	84.5	23.1
PCB-141	pg/g	220	178	4110	2210	678
PCB-142	pg/g	0.911 U	0.895 U	5.97	3.72 J	1.07 U
PCB-143	pg/g	C134	C134	C134	C134	C134
PCB-144	pg/g	62.4	51.6	1080	599	170
PCB-145	pg/g	0.707 U	0.704 U	12.8	7.41	2.48 J
PCB-146	pg/g	168 C	132 C	3090 C	1510 C	480 C
PCB-147	pg/g	21.6	15.6	663	347	93.6
PCB-148	pg/g	0.977 U	0.973 U	1.07 U	0.984 U	0.955 U
PCB-149	pg/g	C139	C139	C139	C139	C139
PCB-150	pg/g	3.6 J	2.24 J	36.9	19.1	6.61
PCB-151	pg/g	299	245	4240	2160	680
PCB-152	pg/g	0.703 U	0.7 U	31.5	18.9	5.62
PCB-153	pg/g	1220	983	18100	9670	3160
PCB-154	pg/g	26.9	18.2	318	155	50.8
PCB-155	pg/g	0.629 U	0.626 U	0.689 U	0.634 U	0.615 U
PCB-156	pg/g	118	91.4	3140	1640	472
PCB-157	pg/g	25.5	18.3	769	399	118
PCB-158	pg/g	118 C	98.4 C	3030 C	1640 C	501 C
PCB-159	pg/g	16.9	12.9	126	63.8	21
PCB-160	pg/g	C158	C158	C158	C158	C158
PCB-161	pg/g	C132	C132	C132	C132	C132
PCB-162	pg/g	C128	C128	C128	C128	C128
PCB-163	pg/g	C138	C138	C138	C138	C138
PCB-164	pg/g	C138	C138	C138	C138	C138
PCB-165	pg/g	C146	C146	C146	C146	C146
PCB-166	pg/g	4.52	3 J	126	74.2	20.1
PCB-167	pg/g	51.2	39.5	1180	615	200
PCB-168	pg/g	1.89 J	1.41 J	32	17.1	5.64
PCB-169	pg/g	0.584 U	0.603 U	0.823 U	0.696 U	0.697 U
PCB-170	pg/g	458	340	4440	2150	746
PCB-171	pg/g	124	87.1	1130	521	197
PCB-172	pg/g	73.4	56.4	632	304	121
PCB-173	pg/g	10.1	7.31	99.7	51.7	14.6
PCB-174	pg/g	413	296	3080	1480	562
PCB-175	pg/g	17.9	12.2	146	63.3	26
PCB-176	pg/g	57.8	42.6	439	213	80.3



**Table 7  
Analytical Results for Bulk Sediment**

<i>SampleID</i>	LDW-BA-SC- ENR+AC-CB- CORE	LDW-BA-SC- ENR+AC-CC- CORE	LDW-BA-IN-ENR- CA-CORE	LDW-BA-IN-ENR- CB-CORE	LDW-BA-IN-ENR- CC-CORE
<i>SampleDate</i>	09/09/16	09/09/16	09/14/16	09/14/16	09/14/16
<i>Plot</i>	Scour	Scour	Intertidal	Intertidal	Intertidal
<i>SubPlot</i>	ENR+AC	ENR+AC	ENR	ENR	ENR
<b>Polychlorinated Biphenyls (PCBs)</b>					
PCB-177	pg/g 279	201	2260	1030	402
PCB-178	pg/g 88	64.7	611	287	114
PCB-179	pg/g 167	129	1240	584	230
PCB-180	pg/g 777	549	6050	2910	1110
PCB-181	pg/g 0.706 U	0.646 U	1.17 U	1.02 U	1.07 U
PCB-182	pg/g 517 C	367 C	3460 C	1580 C	651 C
PCB-183	pg/g 259	183	1790	857	342
PCB-184	pg/g 0.463 U	0.424 U	3.34 J	2.21 J	0.702 U
PCB-185	pg/g 51.5	36.3	296	147	60.1
PCB-186	pg/g 0.491 U	0.449 U	0.815 U	0.706 U	0.744 U
PCB-187	pg/g C182	C182	C182	C182	C182
PCB-188	pg/g 0.563 U	0.478 U	5.88	2.53 J	0.807 U
PCB-189	pg/g 15.1	11.7	162	80.8	27.7
PCB-190	pg/g 100	73.5	802	379	143
PCB-191	pg/g 18.6	14.1	162	79.7	30.9
PCB-192	pg/g 0.6 U	0.549 U	0.996 U	0.863 U	0.91 U
PCB-193	pg/g 51.2	35.7	336	154	64.9
PCB-194	pg/g 202	138	1260	584	236
PCB-195	pg/g 72.5	55.2	479	203	91.3
PCB-196	pg/g 269 C	175 C	1440 C	638 C	273 C
PCB-197	pg/g 9.34	7.78	46.7	21	13.1
PCB-198	pg/g 11.3	8.2	63.5	24.3	15.7
PCB-199	pg/g 260	173	1380	652	271
PCB-200	pg/g 28.3	19.7	149	67.6	30.7
PCB-201	pg/g 30.7	22.3	160	70.2	32.9
PCB-202	pg/g 42.8	29.3	217	97.4	43
PCB-203	pg/g C196	C196	C196	C196	C196
PCB-204	pg/g 0.712 U	0.744 U	0.965 U	0.825 U	0.911 U
PCB-205	pg/g 10.8	6.22	61.4	27.6	12.3
PCB-206	pg/g 72.4	49.9	463	337	96.6
PCB-207	pg/g 10.4	7.08	57.9	27.7	12.3
PCB-208	pg/g 18.8	13	107	81.9	27.6
PCB-209	pg/g 22.6	16.8	260	608	87.2

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 per gram
- U = Not detected at the estimated detection limit

**Table 7  
Analytical Results for Bulk Sediment**

<i>SampleID</i>		LDW-BA-IN-ENR+AC-CA-CORE	LDW-BA-IN-ENR+AC-CB-CORE	LDW-BA-IN-ENR+AC-CC-CORE		
<i>SampleDate</i>		09/14/16	09/14/16	09/14/16		
<i>Plot</i>		Intertidal	Intertidal	Intertidal		
<i>SubPlot</i>		ENR+AC	ENR+AC	ENR+AC		
<b>Conventionals</b>						
Black Carbon/% Soot (Avg)	%	0.109	0.057	0.115		
Total Organic Carbon (Avg)	%	1.6	1.53	1.45		
<b>Grain Size</b>						
Cobbles	%	0.1 U	0.1 U	0.1 U		
% Coarse Gravel	%	0.1 U	0.1 U	0.1 U		
% Fine Gravel	%	0.1	0.5	0.7		
% Total Gravel	%	0.1 J	0.5 J	0.7 J		
% Coarse Sand	%	0.8 J	0.8 J	0.9 J		
% Medium Sand	%	5.2 J	9.6 J	11 J		
% Fine Sand	%	27.5	34.3	37.2		
% Total Sand	%	33.5 J	44.7 J	49.1 J		
% Silt Fine	%	57.2	48	45.3		
% Clay Fine	%	9.2 J	6.8 J	4.9 J		
% Total Fines	%	66.4	54.8	50.2		
<b>Polychlorinated Biphenyls (PCBs)</b>						
PCBs (Total, Congeners)	pg/g	222000	120000	407000		
PCB-001	pg/g	49.1	420	347		
PCB-002	pg/g	11.3	40.3	48.3		
PCB-003	pg/g	24.1	196	159		
PCB-004	pg/g	118	226	562		
PCB-005	pg/g	0.638 U	0.898 U	0.672 U		
PCB-006	pg/g	372	256	2300		
PCB-007	pg/g	27.8	62.3	141		
PCB-008	pg/g	449	722	2150		
PCB-009	pg/g	26.6	55.4	140		
PCB-010	pg/g	3.35 J	12.8	21.6		
PCB-011	pg/g	41.6	23.9	159		
PCB-012	pg/g	11.9	21.6	29.5		
PCB-013	pg/g	56.4	93.8	319		
PCB-014	pg/g	0.654 U	0.921 U	3.98		
PCB-015	pg/g	187	328	695		
PCB-016	pg/g	281	332	1420		
PCB-017	pg/g	485	456	2370		
PCB-018	pg/g	1170	1040	6030		
PCB-019	pg/g	67.8	72.5	382		
PCB-020	pg/g	929 C	814 C	3920 C		
PCB-021	pg/g	C020	C020	C020		
PCB-022	pg/g	463	437	1930		
PCB-023	pg/g	27.2	2.7 J	8.35		
PCB-024	pg/g	34.4	44.2	194		
PCB-025	pg/g	1210	305	4600		
PCB-026	pg/g	4900	1060	16300		
PCB-027	pg/g	41.2	37.6	184		
PCB-028	pg/g	1580	1330	6980		
PCB-029	pg/g	10.9	10.1	39.4		
PCB-030	pg/g	0.77 U	1.19 U	0.848 U		
PCB-031	pg/g	1610	1410	8140		
PCB-032	pg/g	314	286	1480		

**Table 7  
Analytical Results for Bulk Sediment**

<i>SampleID</i>	LDW-BA-IN-ENR+AC-CA-CORE	LDW-BA-IN-ENR+AC-CB-CORE	LDW-BA-IN-ENR+AC-CC-CORE		
<i>SampleDate</i>	09/14/16	09/14/16	09/14/16		
<i>Plot</i>	Intertidal	Intertidal	Intertidal		
<i>SubPlot</i>	ENR+AC	ENR+AC	ENR+AC		
<b>Polychlorinated Biphenyls (PCBs)</b>					
PCB-033	pg/g	C020	C020	C020	
PCB-034	pg/g	30.2	19.4	138	
PCB-035	pg/g	0.656 U	27.9	85.2	
PCB-036	pg/g	0.692 U	1.98 J	19.1	
PCB-037	pg/g	321	370	1170	
PCB-038	pg/g	0.728 U	9.12	39.6	
PCB-039	pg/g	0.667 U	6.82	29.3	
PCB-040	pg/g	330	293	1050	
PCB-041	pg/g	2110 C	1480 C	5900 C	
PCB-042	pg/g	1130 C	612 C	2740 C	
PCB-043	pg/g	6620 C	2730 C	14200 C	
PCB-044	pg/g	4650	2380	10300	
PCB-045	pg/g	255	246	1120	
PCB-046	pg/g	114	104	461	
PCB-047	pg/g	998	501	2410	
PCB-048	pg/g	409 C	361 C	1080 C	
PCB-049	pg/g	C043	C043	C043	
PCB-050	pg/g	12.8	8.08	45.8	
PCB-051	pg/g	87.9	80.3	413	
PCB-052	pg/g	10900 C	4180 C	23500 C	
PCB-053	pg/g	351	266	1420	
PCB-054	pg/g	4.86	3.89 J	23.4	
PCB-055	pg/g	315	102	913	
PCB-056	pg/g	1120 C	1110 C	3300 C	
PCB-057	pg/g	281	60.5	629	
PCB-058	pg/g	47.9	17.6	99.8	
PCB-059	pg/g	C042	C042	C042	
PCB-060	pg/g	C056	C056	C056	
PCB-061	pg/g	4200 C	2790 C	6390 C	
PCB-062	pg/g	0.594 U	0.918 U	0.797 U	
PCB-063	pg/g	224	115	508	
PCB-064	pg/g	C041	C041	C041	
PCB-065	pg/g	0.596 U	0.921 U	0.8 U	
PCB-066	pg/g	3360 C	2200 C	6860 C	
PCB-067	pg/g	619	179	1500	
PCB-068	pg/g	99.4	34.6	149	
PCB-069	pg/g	C052	C052	C052	
PCB-070	pg/g	C061	C061	C061	
PCB-071	pg/g	C041	C041	C041	
PCB-072	pg/g	C041	C041	C041	
PCB-073	pg/g	0.552 U	0.854 U	0.741 U	
PCB-074	pg/g	1410	965	3420	
PCB-075	pg/g	C048	C048	C048	
PCB-076	pg/g	C066	C066	C066	
PCB-077	pg/g	202	178	445	
PCB-078	pg/g	19.6	14.5	53	
PCB-079	pg/g	69.4	45.7	100	
PCB-080	pg/g	0.465 U	0.719 U	0.624 U	

**Table 7**  
**Analytical Results for Bulk Sediment**

<i>SampleID</i>	LDW-BA-IN-ENR+AC-CA-CORE	LDW-BA-IN-ENR+AC-CB-CORE	LDW-BA-IN-ENR+AC-CC-CORE		
<i>SampleDate</i>	09/14/16	09/14/16	09/14/16		
<i>Plot</i>	Intertidal	Intertidal	Intertidal		
<i>SubPlot</i>	ENR+AC	ENR+AC	ENR+AC		
<b>Polychlorinated Biphenyls (PCBs)</b>					
PCB-081	pg/g	101	68.1	237	
PCB-082	pg/g	1440	700	2380	
PCB-083	pg/g	800 C	331 C	1260 C	
PCB-084	pg/g	7000 C	2980 C	11200 C	
PCB-085	pg/g	1940 C	894 C	3080 C	
PCB-086	pg/g	0.929 U	1.04 U	0.816 U	
PCB-087	pg/g	5000 C	2300 C	8440 C	
PCB-088	pg/g	2220 C	6160 C	4320 C	
PCB-089	pg/g	92.9	54.9	194	
PCB-090	pg/g	12000 C	6230 C	15800 C	
PCB-091	pg/g	C088	C088	C088	
PCB-092	pg/g	C084	C084	C084	
PCB-093	pg/g	1.1 U	1.97 U	1.91 U	
PCB-094	pg/g	70.9	35.1	152	
PCB-095	pg/g	18200	8060	34000	
PCB-096	pg/g	71	40.3	165	
PCB-097	pg/g	3150	1580	4320	
PCB-098	pg/g	0.655 UC	1.17 UC	1.14 UC	
PCB-099	pg/g	5530	2630	7770	
PCB-100	pg/g	93.8	32.7	159	
PCB-101	pg/g	C090	C090	C090	
PCB-102	pg/g	UC	UC	UC	
PCB-103	pg/g	220	88.2	410	
PCB-104	pg/g	0.613 U	1.09 U	1.06 U	
PCB-105	pg/g	4340	2320	6670	
PCB-106	pg/g	12000 C	6330 C	17200 C	
PCB-107	pg/g	1000 C	510 C	1440 C	
PCB-108	pg/g	C107	C107	C107	
PCB-109	pg/g	0.728 U	1.63 J	13	
PCB-110	pg/g	15300	6690	23000	
PCB-111	pg/g	147 C	72 C	247 C	
PCB-112	pg/g	C083	C083	C083	
PCB-113	pg/g	0.732 U	0.823 U	0.645 U	
PCB-114	pg/g	237	129	416	
PCB-115	pg/g	C111	C111	C111	
PCB-116	pg/g	C085	C085	C085	
PCB-117	pg/g	C087	C087	C087	
PCB-118	pg/g	C106	C106	C106	
PCB-119	pg/g	505	184	766	
PCB-120	pg/g	64.9	25.4	86.4	
PCB-121	pg/g	0.701 U	1.25 U	1.22 U	
PCB-122	pg/g	142	78.9	217	
PCB-123	pg/g	144	78.5	250	
PCB-124	pg/g	445	222	724	
PCB-125	pg/g	C087	C087	C087	
PCB-126	pg/g	54.7	35.3	92	
PCB-127	pg/g	0.937 U	1.21 U	0.914 U	
PCB-128	pg/g	2560 C	1230 C	3890 C	

**Table 7**  
**Analytical Results for Bulk Sediment**

<i>SampleID</i>	LDW-BA-IN-ENR+AC-CA-CORE	LDW-BA-IN-ENR+AC-CB-CORE	LDW-BA-IN-ENR+AC-CC-CORE		
<i>SampleDate</i>	09/14/16	09/14/16	09/14/16		
<i>Plot</i>	Intertidal	Intertidal	Intertidal		
<i>SubPlot</i>	ENR+AC	ENR+AC	ENR+AC		
<b>Polychlorinated Biphenyls (PCBs)</b>					
PCB-129	pg/g	721	378	1120	
PCB-130	pg/g	965	496	1450	
PCB-131	pg/g	396 C	192 C	603 C	
PCB-132	pg/g	4560 C	2120 C	6940 C	
PCB-133	pg/g	C131	C131	C131	
PCB-134	pg/g	836 C	401 C	1260 C	
PCB-135	pg/g	1650	769	2360	
PCB-136	pg/g	1890	894	2970	
PCB-137	pg/g	840	418	1370	
PCB-138	pg/g	11500 C	5920 C	16400 C	
PCB-139	pg/g	9700 C	4620 C	14500 C	
PCB-140	pg/g	104	43.1	144	
PCB-141	pg/g	1980	1050	3110	
PCB-142	pg/g	3.46 J	1.52 U	5.32	
PCB-143	pg/g	C134	C134	C134	
PCB-144	pg/g	493	268	879	
PCB-145	pg/g	7.41	3.95 J	11.5	
PCB-146	pg/g	1480 C	784 C	2050 C	
PCB-147	pg/g	325	151	529	
PCB-148	pg/g	1.17 U	1.45 U	1.15 U	
PCB-149	pg/g	C139	C139	C139	
PCB-150	pg/g	22.8	9.47	33	
PCB-151	pg/g	2290	1110	3480	
PCB-152	pg/g	20.5	9.08	27.8	
PCB-153	pg/g	9490	5180	13100	
PCB-154	pg/g	190	84.5	269	
PCB-155	pg/g	0.753 U	0.931 U	0.739 U	
PCB-156	pg/g	1450	786	2160	
PCB-157	pg/g	366	194	548	
PCB-158	pg/g	1470 C	759 C	2260 C	
PCB-159	pg/g	59.3	43.1	109	
PCB-160	pg/g	C158	C158	C158	
PCB-161	pg/g	C132	C132	C132	
PCB-162	pg/g	C128	C128	C128	
PCB-163	pg/g	C138	C138	C138	
PCB-164	pg/g	C138	C138	C138	
PCB-165	pg/g	C146	C146	C146	
PCB-166	pg/g	58.4	34.4	98.6	
PCB-167	pg/g	552	307	852	
PCB-168	pg/g	20.4	8.62	25.6	
PCB-169	pg/g	0.76 U	0.962 U	0.778 U	
PCB-170	pg/g	2200	1330	3680	
PCB-171	pg/g	590	339	923	
PCB-172	pg/g	347	203	534	
PCB-173	pg/g	50.4	31.4	85.8	
PCB-174	pg/g	1700	979	2660	
PCB-175	pg/g	79.7	50.2	127	
PCB-176	pg/g	253	137	381	

**Table 7**  
**Analytical Results for Bulk Sediment**

<i>SampleID</i>	LDW-BA-IN-ENR+AC-CA-CORE	LDW-BA-IN-ENR+AC-CB-CORE	LDW-BA-IN-ENR+AC-CC-CORE		
<i>SampleDate</i>	09/14/16	09/14/16	09/14/16		
<i>Plot</i>	Intertidal	Intertidal	Intertidal		
<i>SubPlot</i>	ENR+AC	ENR+AC	ENR+AC		
<b>Polychlorinated Biphenyls (PCBs)</b>					
PCB-177	pg/g 1250	688	1900		
PCB-178	pg/g 350	201	536		
PCB-179	pg/g 719	396	1050		
PCB-180	pg/g 3310	2000	4970		
PCB-181	pg/g 1.15 U	1.63 U	1.23 U		
PCB-182	pg/g 1970 C	1120 C	2980 C		
PCB-183	pg/g 1000	558	1540		
PCB-184	pg/g 2.38 J	1.07 U	2.9 J		
PCB-185	pg/g 170	105	255		
PCB-186	pg/g 0.797 U	1.14 U	0.852 U		
PCB-187	pg/g C182	C182	C182		
PCB-188	pg/g 4.05	1.25 U	4.88		
PCB-189	pg/g 77.7	47.4	129		
PCB-190	pg/g 389	245	656		
PCB-191	pg/g 84.2	51.5	134		
PCB-192	pg/g 0.973 U	1.39 U	1.04 U		
PCB-193	pg/g 192	110	286		
PCB-194	pg/g 667	390	972		
PCB-195	pg/g 216	144	351		
PCB-196	pg/g 765 C	513 C	1120 C		
PCB-197	pg/g 26.7	16.7	39.7		
PCB-198	pg/g 33.5	24.3	50.7		
PCB-199	pg/g 809	502	1150		
PCB-200	pg/g 81.9	53.1	123		
PCB-201	pg/g 91.4	55.8	134		
PCB-202	pg/g 129	77.8	178		
PCB-203	pg/g C196	C196	C196		
PCB-204	pg/g 0.933 U	1.31 U	1.02 U		
PCB-205	pg/g 29.8	19.4	48.3		
PCB-206	pg/g 402	150	311		
PCB-207	pg/g 32.4	20.3	40.5		
PCB-208	pg/g 94.5	36.4	73.7		
PCB-209	pg/g 460	243	333		

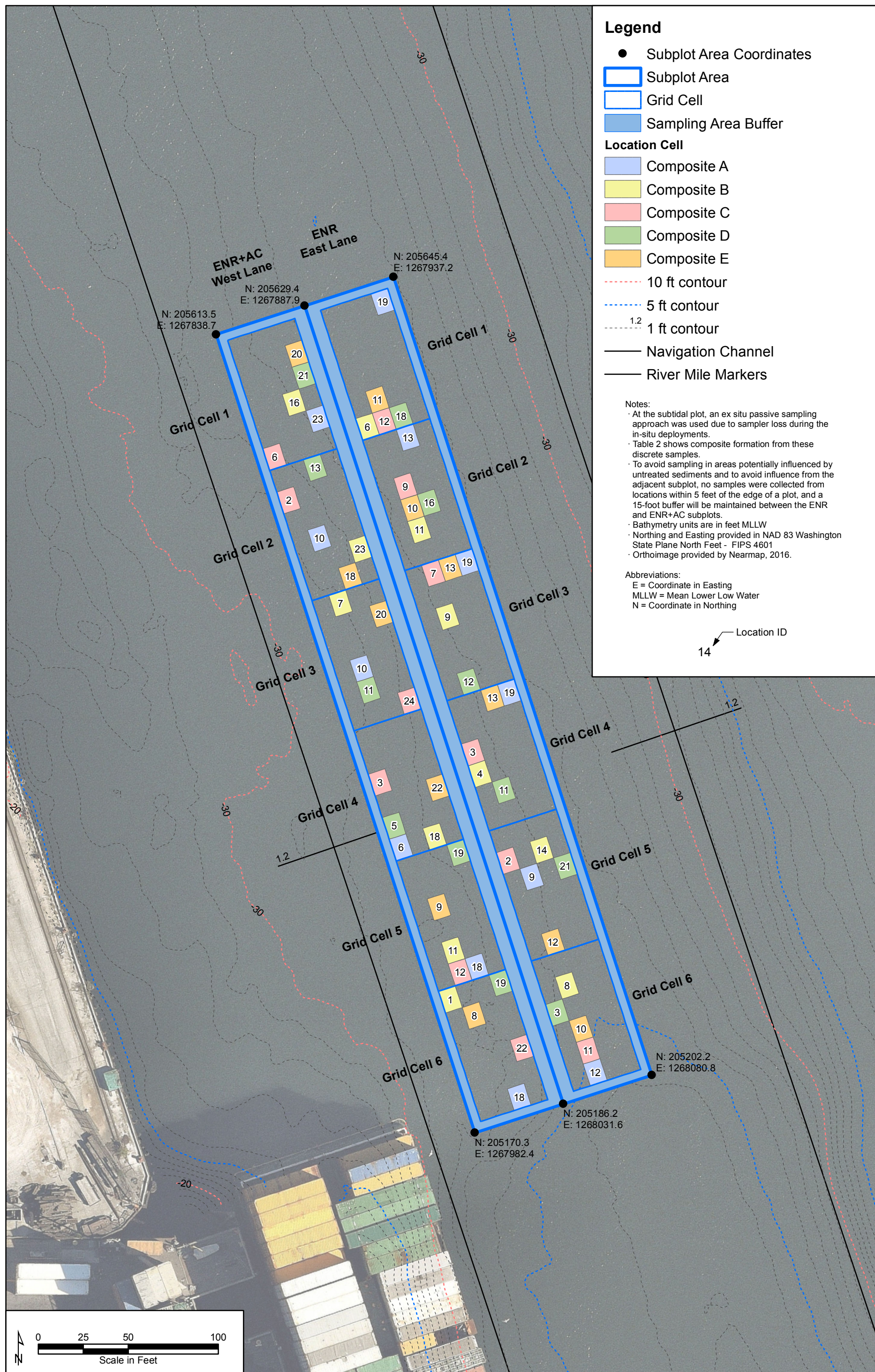
Abbreviations:

- 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 per gram
- U = Not detected at the estimated detection limit

## **FIGURES**

---







**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
  - ▭ SPME Not Recovered
  - ▭ Sediment Not Recovered
  - ▭ Cell Removed From Analysis
- 10 ft contour  
 - - - 5 ft contour  
 - - - 1 ft contour

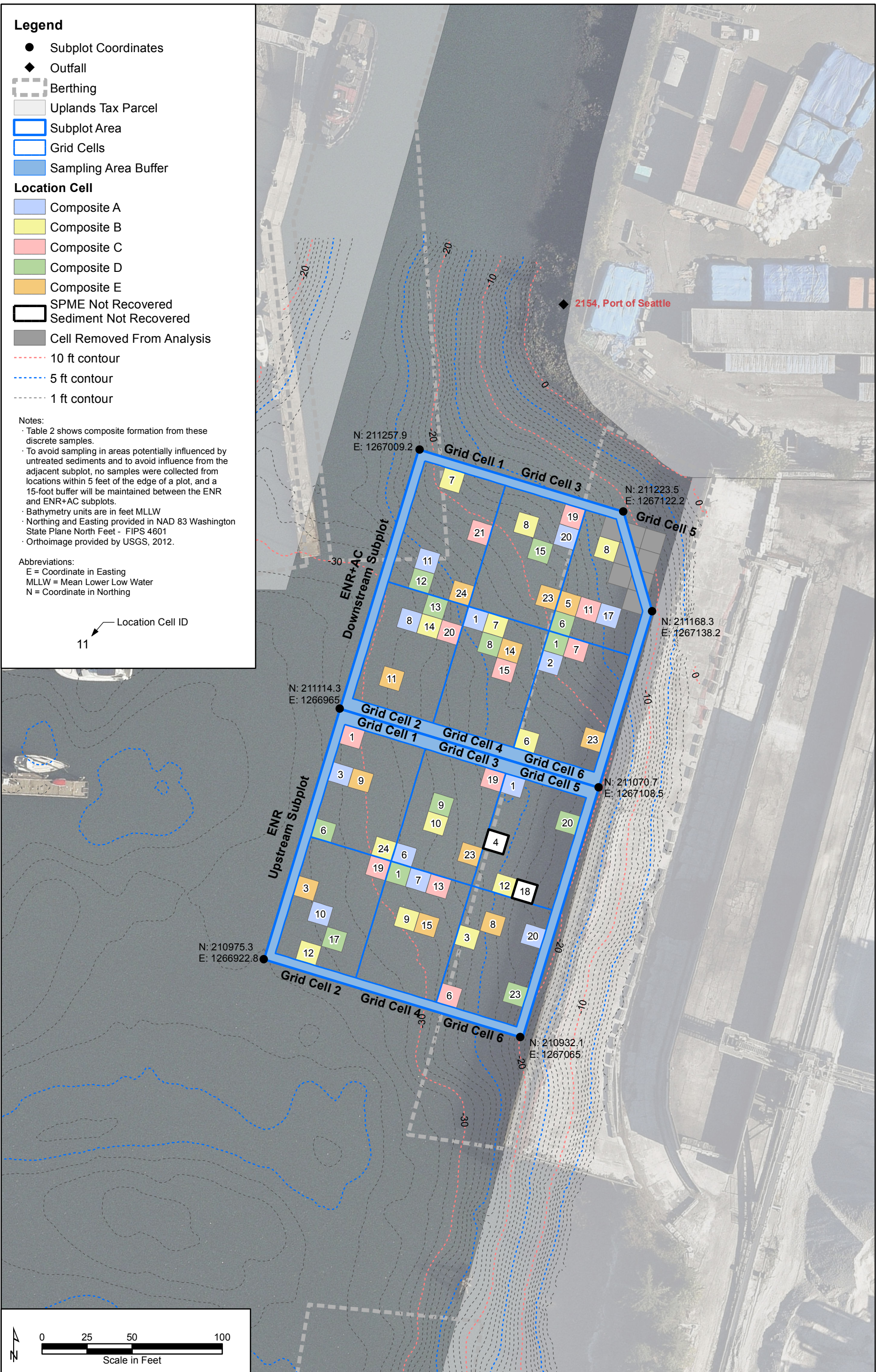
**Notes:**

- 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.
- Bathymetry units are in feet MLLW
- Northing and Easting provided in NAD 83 Washington State Plane North Feet - FIPS 4601
- Orthoimage provided by USGS, 2012.

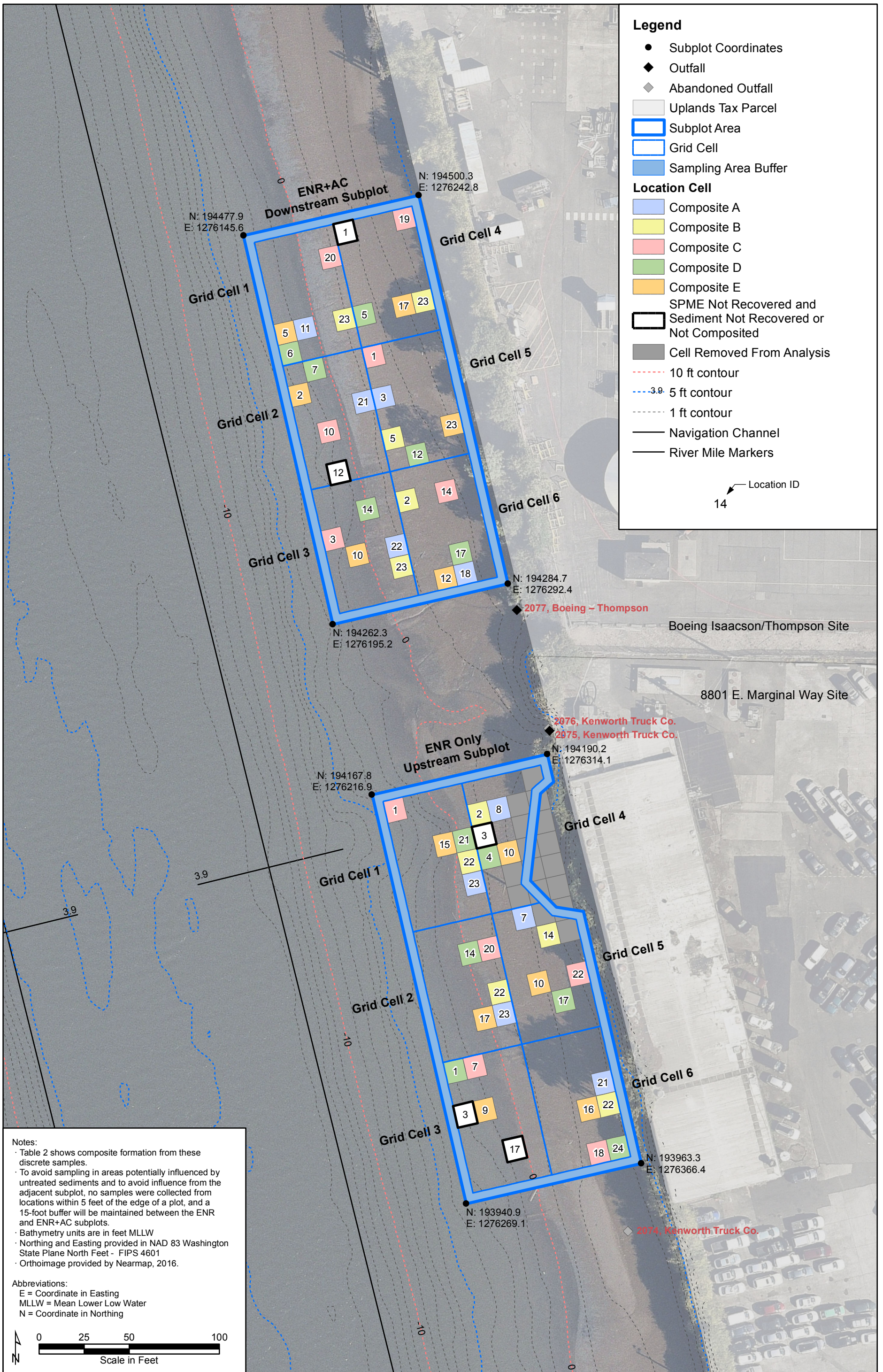
**Abbreviations:**

- E = Coordinate in Easting
- MLLW = Mean Lower Low Water
- N = Coordinate in Northing

Location Cell ID  
 11







**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 and Sediment Not Recovered or Not Composited
- Cell Removed From Analysis
- - - 10 ft contour
- - - 3.9 5 ft contour
- - - 1 ft contour
- Navigation Channel
- River Mile Markers

Location ID  
14

**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.
- Bathymetry units are in feet MLLW
- Northing and Easting provided in NAD 83 Washington State Plane North Feet - FIPS 4601
- Orthoimage provided by Nearmap, 2016.

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

