Lower Duwamish Waterway Group

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

YEAR 3 DATA PACKAGE

Enhanced Natural Recovery/Activated Carbon Pilot Study

Lower Duwamish Waterway

FINAL

Submittal to:

The U.S. Environmental Protection Agency
Region 10
Seattle, Washington

The Washington State Department of Ecology
Northwest Regional Office
Bellevue, Washington

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The Lower Duwamish Waterway Group

April 2021

Project No. LY15160310

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LDW ENR/AC PILOT STUDY – YEAR 3 DATA PACKAGE

Enhanced Natural Recovery/Activated Carbon Pilot Study
Lower Duwamish Waterway

1.0 INTRODUCTION

This data package transmits the validated Year 3 data for the Lower Duwamish Waterway (LDW) Enhanced Natural Recovery Activated Carbon (ENR/AC) Pilot Study consistent with the Statement of Work for the Second Amendment (July 2014) to the Administrative Order on Consent (AOC) for Remedial Investigation/Feasibility Study for the Lower Duwamish Waterway, Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Docket No. 10-2001-0055, issued by the U.S. Environmental Protection Agency (EPA) and Washington State Department of Ecology (Ecology) on December 20, 2000. These data characterize the conditions three years after pilot study construction. Pilot study construction of ENR and ENR+AC applications in three different site environments (intertidal, subtidal, scour) was completed between December 1, 2016 and January 31, 2017.

Surface sediment and solid-phase microextraction (SPME) samples were collected from the intertidal, scour, and subtidal plots to determine concentrations of freely dissolved polychlorinated biphenyls (PCBs) in porewater; and PCBs, total organic carbon (TOC) content, activated carbon/ black carbon (AC/BC) content, and grain size in bulk sediment. In addition, a laboratory bioaccumulation study (Amec Foster Wheeler et al., 2017b) was conducted providing PCB data in tissues as well as freely dissolved PCBs in porewater using SPMEs. Finally, benthic macroinvertebrate survey sampling occurred at all three plots in Year 3.

Project description and objectives as well as sampling design, collection and handling methods, and analytical methods are detailed in the Quality Assurance Project Plan (QAPP; Amec Foster Wheeler et al., 2016) as amended by QAPP Addendum 1 (Amec Foster Wheeler et al., 2017a); QAPP Addendum 2 (Amec Foster Wheeler et al., 2017b); QAPP Addendum 3 (Amec Foster Wheeler et al., 2018); and QAPP Addendum 4 (Wood et al., 2020). A brief summary of sampling methods and deviations are provided in Section 2 of this document. Supporting information such as chain of custody forms, data validation reports, and bioaccumulation testing laboratory report will be included in the Year 3 Monitoring Report, in accordance with the approved QAPP.

2.0 SUMMARY OF METHODS AND YEAR 3 CHANGES FROM THE QAPP

All methods and procedures outlined in the QAPP, as amended, were followed in the collection and analysis of the samples, except where noted. Changes and/or deviations from the QAPP are described below, where applicable. The Year 3 fieldwork was originally anticipated to be conducted between March and May; however, due to State and County restrictions on work conducted during the COVID-19 pandemic the work was delayed and conducted between June 27 and September 20, 2020.

2.1 SAMPLING LOCATIONS

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

All in-situ SPMEs were deployed within the target sampling areas for the intertidal and scour plots. At the subtidal plot, ex-situ SPME testing was conducted with sediment grab samples collected from the target sampling areas. During Year 3, two types of SPMEs were deployed at the scour plot. The first type, SPME1, was deployed so that the SPME fiber was exposed to the top 10 centimeters (cm) of whatever substrate material was present, as in previous events (Baseline, Year 1, Year 2). SPME1 was deployed with a longer support rod that will better anchor the SPME in the ENR or ENR+AC substrate (designated in the sample ID by “-LONG”) (Wood et al., 2020). The second type, SPME2, was deployed directly in the ENR or ENR+AC material to avoid exposing the SPME to the potentially-transient depositional material present on top of the ENR or ENR+AC material after scraping away any silt deposits with greater than 3 cm on the sediment surface. The standard length of the support rod was used (consistent with previous monitoring events and designed in the sample ID by “-S010”).

During SPME retrieval, grab sediment samples from 0 to 10 cm were collected within the target sampling areas. In locations that did not have a usable SPME (missing or dislodged SPME), bulk sediment samples were not collected. Unusable SPMEs were identified in the field as those locations with missing SPMEs or SPMEs that were observed lying on the sediment surface. In the

scour plot, sediment grab samples were collected that corresponded to both SPME1 and SPME2 locations. In SPME2 locations where there was greater than 3 cm of silt deposited on the sediment surface, the grab for SPME2 was collected after removal of silt layer. For locations where <3 cm silt deposited, only one grab sample was collected and used in composite samples corresponding to both SPME1 and SPME2.

The plot, subplot, treatment type, sample ID, grid cell, location cell, composite (A through E) and coordinates for all discrete samples are summarized in Table 1. The actual sampling locations for the subtidal, scour, and intertidal plots are shown on Figures 1, 2, and 3, respectively, and are labeled with the location cell number.

In the subtidal plot, bulk sediment samples were also collected for the laboratory bioaccumulation study. The subplot, treatment type, sample ID, grid cell, location cell, composite (A through C) and coordinates for all discrete samples associated with the laboratory bioaccumulation study are summarized in Table 1 and shown on Figure 4.

For all three plots, bulk sediment samples were collected for a benthic macroinvertebrate survey. The plot, subplot, treatment type, sample ID, grid cell, location cell, benthic replicate, and coordinates for all discrete samples are summarized in Table 1 and shown on Figures 5, 6, and 7.

There was one deviation from the QAPP. Five replicate surface-sediment samples for benthic analysis from each subplot were to be collected using a 0.1-square-meter van Veen grab sampler; however, due to the gravelly sand used at the intertidal and scour subplots, the benthic samples were collected using a 20-cm diameter by 10-cm hand operated “cookie cutter”. The use of the cookie cutters for benthic sample collection did not affect the data quality or usability.

2.2 SAMPLE COLLECTION AND COMPOSITING

Intertidal plot sediment grab samples were collected at low tide on foot using hand cores; scour plot sediment grab samples were collected by divers using hand cores. After sample collection, sediment from the hand cores was placed directly into sample specific 2-gallon buckets which were then sealed with a lid, labeled, then transferred to the laboratory, Materials Testing & Consulting, Inc. (MTC). At MTC, the bulk samples were dried and sieved through a 3/8” sieve and a #4 sieve to remove the gravel fraction prior to compositing. All fractions were weighed and then the fraction that passed the #4 sieve was retained for the composite. A 32-ounce aliquot of the dried and sieved sample was used to form the composite. The dried and sieved sediment from the intertidal and scour subplots were composited at MTC, as described below.

Subtidal sediment grab samples were collected using a 0.2-square-meter pneumatically-powered stainless-steel grab sampler deployed from the sampling vessel. After visual confirmation of acceptable recovery, the overlying water was removed, and a 2-inch-diameter and 10-inch-long polycarbonate core tube was hand-pushed into the sampler to collect sediment for *ex situ* SPME[1] deployment. A 3-inch-diameter aluminum core tube was then hand-pushed into the sampler to collect sediment from 0 to 10 cm for compositing. The sediment from the aluminum core tube was immediately placed in a clean 32-ounce glass jar and placed on ice in a cooler, then transported to the laboratory, EcoAnalysts, Inc. The subtidal samples collected for bulk sediment chemistry were composited at EcoAnalysts' laboratory. After samples were composited, they were placed in clean, laboratory-supplied amber glass jars.

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

Due to lost and unusable SPMEs in the intertidal and scour plots, substitutions were made in the discrete samples used to make up the composite sediment and SPME samples in the intertidal and scour plots to ensure there were at least five discrete subsamples included in the three primary composites that were analyzed. This alternative compositing methodology was documented in Section 2.3.1 of QAPP Addendum 4 (Wood et al., 2020) and was approved by EPA and Ecology. The discrete subsamples and composite sample IDs where this occurred are identified in Table 2.

During the Year 3 Sediment Profile Imaging work conducted in June 2020, notable silt deposition was observed at the scour plot as in Years 1 and 2. The deposition appears to cover the entire upstream ENR subplot and the adjacent upstream half of the ENR+AC subplot and ranged from 0 to 12 cm across both subplots, with an average of 9 cm in the ENR subplot and 4 cm in the ENR+AC subplot. EPA and Ecology were notified of the observed deposition as well as the plan to collect and analyze the sediment per Section 3.3.1 of the QAPP. Sediment deposition was measured at each sample location during SPME deployment. Depositional material was sampled at locations where the depositional layer was at least 3 cm thick. Twenty six locations in the ENR

[1] *Ex situ* SPME testing was used only for the subtidal plot; *in situ* SPMEs were used for the intertidal and scour plots.

subplot and five locations in the ENR+AC subplot met this criteria. The sample locations where depositional sediment was collected are identified on Figure 2 and in Table 2.

Per QAPP Addendum 4, depositional sediment was collected at scour plot by a diver by hand. The diver placed the depositional material directly into clean amber glass jars by sliding the jar across the sediment and using their hand to fill the jar. On the surface the jar was labeled and stored on ice until the samples were transferred to EcoAnalysts where they were composited. After samples were composited, they were placed in clean, laboratory-supplied amber glass jars and submitted to the laboratories for analysis.

The laboratory bioaccumulation study was conducted by EcoAnalysts, Inc. A laboratory report will be submitted with the Year 3 Monitoring Report. In summary, 24-inch-long cores collected at the subtidal plot were brought to EcoAnalysts for conducting the laboratory test. SPME fibers were placed in each core tube along with *Mya arenaria* marine clams and *Nephtys caecoides* polychaete worms for exposure to sediments followed by analysis of PCBs in SPMEs and tissues at the conclusion of the test. At the conclusion of the study, the SPME fibers and sediment were composited at EcoAnalysts' laboratory. The clam and worm tissue samples were placed in separate certified pre-cleaned glass containers and sent to Frontier Analytical Laboratory (Frontier) where they were homogenized and composited. Further detail is provided in QAPP Addendum 2 (Amec Foster Wheeler et al., 2017b).

Macroinvertebrate benthic survey samples were collected at the intertidal and scour plots using a 20-centimeter-diameter by 10-centimeter-deep "cookie cutter" sampler. At the subtidal plot, samples were collected using a 0.2-square-meter pneumatically-powered stainless-steel grab sampler deployed from the sampling vessel. After visual confirmation of acceptable recovery, the overlying water was removed, and a cookie cutter was used to collect the top 10 cm of sediment. Samples were wet sieved onboard the research vessel through a 1.0-millimeter screen. Material retained on the 1.0-millimeter screen was placed in a magnesium sulfate solution to relax the organisms, and then preserved using seawater-buffered formalin solutions of at least 8 to 10 percent. The material was then placed into clean sample jars and transferred to the laboratory for taxonomic analysis.

Samples were identified according to the QAPP with each sediment, SPME and tissue sample assigned a unique alphanumeric ID number consisting of seven to nine components identifying various aspects of the sample. For example, the components for sample ID LDW-Y3-SU-ENR-CA-S010 are as follows:

- LDW = Lower Duwamish Waterway
- Y3 = Year 3 Monitoring
- SU = subtidal (intertidal is IN and scour is SC, LBS-SU indicates laboratory bioaccumulation study samples at the subtidal plot)
- ENR = Enhanced natural recovery only (ENR+AC is enhanced natural recovery with activated carbon)
- CA = composite of "A" locations (MI-A indicates benthic macroinvertebrate survey sample A)
- S010 = SPME fibers collected from 0 to 10 cm (CORE at the end of the sample ID indicates a composite of the sediment cores; ULM indicates a composite of sediment cores representing sediment underlying depositional material; LONG indicates SPME fibers placed below depositional material; SS indicates composite of recent depositional sediment; BIO indicates SPME fibers from the laboratory bioaccumulation study; CLAM indicates a composite of clam tissue from the laboratory bioaccumulation study; WORM indicates a composite of worm tissue from the laboratory bioaccumulation study, MACRO indicates a benthic macroinvertebrate survey sample)

2.3 SAMPLE ANALYSIS

Composite sediment samples were analyzed by Frontier for PCB congeners by EPA Method 1668C, by ALS Laboratory for TOC by EPA Method 9060, by University of Maryland, Baltimore County for AC/BC by the method developed by Ghosh et al. (Grossman and Ghosh, 2009), and by MTC for grain size by Puget Sound Estuary Program (PSEP) protocols. SPME fibers were processed by the method based on the work of Conder et al. (2003), You et al. (2007), Yang et al. (2008), Lu et al. (2011), Oen et al. (2011), and Harwood et al. (2012), and the extracts were analyzed for PCB congeners by EPA Method 1668C at Frontier. Tissue samples were analyzed for PCBs by EPA method 1668C by Frontier. The analytical testing suite for each sample is shown in Table 3. Some of the SPME and bulk sediment composites associated with locations shown on Figures 1 through 3 were archived, as summarized in Table 3.

Benthic macroinvertebrate survey sample sorting and identification was conducted at EcoAnalysts' laboratory per methods outlined in the QAPP (Amec Foster Wheeler et al., 2016). Organisms were identified to the lowest practicable taxonomic level.

No deviations were noted.

3.0 DATA QUALIFIERS

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

4.0 RESULTS

For intertidal and scour plot samples, which were sieved, the TOC, BC, and grain size results were corrected using the masses of the sieved fractions so that the result represents the complete sample, not the sieved sample. The masses of fractions that resulted from pre-analytical laboratory submission sieving to remove the gravel fraction are presented in Table 5. A summary of analytical results for the bulk sediment and silt depositional material from the scour plot are provided in Tables 6 (TOC, AC/BC, grain size) and 7 (PCB congeners). PCB congener porewater concentrations are provided in Table 8. Tissue PCB and lipid concentrations are provided in Table 9, laboratory bioaccumulation study porewater concentrations are provided in Table 10, laboratory bioaccumulation study sediment TOC, AC/BC, and grain size results are provided in Table 6, and PCB concentrations are provided in Table 11. Benthic macroinvertebrate survey taxonomy data are provided in Table 12.

5.0 REFERENCES

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TABLES

Table 1
Sample Location Coordinates

Plot	Subplot	Treatment	Discrete Sediment Sample ID	Discrete SPME Sample ID	Discrete Tissue Sample ID	Grid Cell	Location Cell	Planned Composite	Diver ID	Easting	Northing
Sediment and SPME Locations											
Subtidal	East Lane	ENR	LDW-Y3-SU-ENR-1-A-CORE	LDW-Y3-SU-ENR-1-A-S010	NA	1	22	A	1	1267940.4	205595.4
			LDW-Y3-SU-ENR-1-B-CORE	LDW-Y3-SU-ENR-1-B-S010	NA	1	2	B	2	1267904.6	205610.4
			LDW-Y3-SU-ENR-1-C-CORE	LDW-Y3-SU-ENR-1-C-S010	NA	1	21	C	3	1267936.5	205607.5
			LDW-Y3-SU-ENR-1-D-CORE	LDW-Y3-SU-ENR-1-D-S010	NA	1	7	D	4	1267910.1	205625.5
			LDW-Y3-SU-ENR-1-E-CORE	LDW-Y3-SU-ENR-1-E-S010	NA	1	4	E	5	1267912.4	205586.3
			LDW-Y3-SU-ENR-2-A-CORE	LDW-Y3-SU-ENR-2-A-S010	NA	2	2	A	6	1267928.1	205538.1
			LDW-Y3-SU-ENR-2-B-CORE	LDW-Y3-SU-ENR-2-B-S010	NA	2	3	B	7	1267932.0	205526.1
			LDW-Y3-SU-ENR-2-C-CORE	LDW-Y3-SU-ENR-2-C-S010	NA	2	9	C	8	1267941.3	205529.1
			LDW-Y3-SU-ENR-2-D-CORE	LDW-Y3-SU-ENR-2-D-S010	NA	2	22	D	9	1267963.9	205523.1
			LDW-Y3-SU-ENR-2-E-CORE	LDW-Y3-SU-ENR-2-E-S010	NA	2	11	E	10	1267949.1	205505.0
			LDW-Y3-SU-ENR-3-A-CORE	LDW-Y3-SU-ENR-3-A-S010	NA	3	2	A	11	1267951.5	205465.9
			LDW-Y3-SU-ENR-3-B-CORE	LDW-Y3-SU-ENR-3-B-S010	NA	3	10	B	12	1267968.6	205444.8
			LDW-Y3-SU-ENR-3-C-CORE	LDW-Y3-SU-ENR-3-C-S010	NA	3	8	C	13	1267960.8	205468.9
			LDW-Y3-SU-ENR-3-D-CORE	LDW-Y3-SU-ENR-3-D-S010	NA	3	4	D	14	1267959.3	205441.8
			LDW-Y3-SU-ENR-3-E-CORE	LDW-Y3-SU-ENR-3-E-S010	NA	3	17	E	15	1267981.9	205435.8
			LDW-Y3-SU-ENR-4-A-CORE	LDW-Y3-SU-ENR-4-A-S010	NA	4	14	A	16	1267993.6	205399.6
			LDW-Y3-SU-ENR-4-B-CORE	LDW-Y3-SU-ENR-4-B-S010	NA	4	19	B	17	1267999.0	205414.7
			LDW-Y3-SU-ENR-4-C-CORE	LDW-Y3-SU-ENR-4-C-S010	NA	4	3	C	18	1267978.8	205381.5
			LDW-Y3-SU-ENR-4-D-CORE	LDW-Y3-SU-ENR-4-D-S010	NA	4	21	D	19	1268006.8	205390.6
			LDW-Y3-SU-ENR-4-E-CORE	LDW-Y3-SU-ENR-4-E-S010	NA	4	7	E	20	1267980.4	205408.7
			LDW-Y3-SU-ENR-5-A-CORE	LDW-Y3-SU-ENR-5-A-S010	NA	5	2	A	21	1267998.4	205321.3
			LDW-Y3-SU-ENR-5-B-CORE	LDW-Y3-SU-ENR-5-B-S010	NA	5	14	B	22	1268017.0	205327.3
			LDW-Y3-SU-ENR-5-C-CORE	LDW-Y3-SU-ENR-5-C-S010	NA	5	8	C	23	1268007.7	205324.3
			LDW-Y3-SU-ENR-5-D-CORE	LDW-Y3-SU-ENR-5-D-S010	NA	5	12	D	24	1268023.3	205276.1
			LDW-Y3-SU-ENR-5-E-CORE	LDW-Y3-SU-ENR-5-E-S010	NA	5	5	E	25	1268010.1	205285.2
			LDW-Y3-SU-ENR-6-A-CORE	LDW-Y3-SU-ENR-6-A-S010	NA	6	7	A	26	1268027.2	205264.1
			LDW-Y3-SU-ENR-6-B-CORE	LDW-Y3-SU-ENR-6-B-S010	NA	6	3	B	27	1268025.7	205237.0
			LDW-Y3-SU-ENR-6-C-CORE	LDW-Y3-SU-ENR-6-C-S010	NA	6	24	C	28	1268065.4	205209.9
			LDW-Y3-SU-ENR-6-D-CORE	LDW-Y3-SU-ENR-6-D-S010	NA	6	10	D	29	1268038.9	205227.9
			LDW-Y3-SU-ENR-6-E-CORE	LDW-Y3-SU-ENR-6-E-S010	NA	6	21	E	30	1268053.7	205246.0

Table 1
Sample Location Coordinates

Plot	Subplot	Treatment	Discrete Sediment Sample ID	Discrete SPME Sample ID	Discrete Tissue Sample ID	Grid Cell	Location Cell	Planned Composite	Diver ID	Easting	Northing
Sediment and SPME Locations											
Subtidal	West Lane	ENR+AC	LDW-Y3-SU-ENR+AC-1-A-CORE	LDW-Y3-SU-ENR+AC-1-A-S010	NA	1	16	A	31	1267879.5	205575.7
			LDW-Y3-SU-ENR+AC-1-B-CORE	LDW-Y3-SU-ENR+AC-1-B-S010	NA	1	8	B	32	1267862.4	205596.7
			LDW-Y3-SU-ENR+AC-1-C-CORE	LDW-Y3-SU-ENR+AC-1-C-S010	NA	1	18	C	33	1267887.3	205551.6
			LDW-Y3-SU-ENR+AC-1-D-CORE	LDW-Y3-SU-ENR+AC-1-D-S010	NA	1	15	D	34	1267875.6	205587.7
			LDW-Y3-SU-ENR+AC-1-E-CORE	LDW-Y3-SU-ENR+AC-1-E-S010	NA	1	10	E	35	1267870.2	205572.6
			LDW-Y3-SU-ENR+AC-2-A-CORE	LDW-Y3-SU-ENR+AC-2-A-S010	NA	2	4	A	36	1267884.3	205497.3
			LDW-Y3-SU-ENR+AC-2-B-CORE	LDW-Y3-SU-ENR+AC-2-B-S010	NA	2	2	B	37	1267876.5	205521.4
			LDW-Y3-SU-ENR+AC-2-C-CORE	LDW-Y3-SU-ENR+AC-2-C-S010	NA	2	3	C	38	1267880.4	205509.4
			LDW-Y3-SU-ENR+AC-2-D-CORE	LDW-Y3-SU-ENR+AC-2-D-S010	NA	2	15	D	39	1267899.0	205515.4
			LDW-Y3-SU-ENR+AC-2-E-CORE	LDW-Y3-SU-ENR+AC-2-E-S010	NA	2	16	E	40	1267902.9	205503.4
			LDW-Y3-SU-ENR+AC-3-A-CORE	LDW-Y3-SU-ENR+AC-3-A-S010	NA	3	23	A	41	1267939.6	205422.1
			LDW-Y3-SU-ENR+AC-3-B-CORE	LDW-Y3-SU-ENR+AC-3-B-S010	NA	3	7	B	42	1267905.3	205464.2
			LDW-Y3-SU-ENR+AC-3-C-CORE	LDW-Y3-SU-ENR+AC-3-C-S010	NA	3	10	C	43	1267917.0	205428.1
			LDW-Y3-SU-ENR+AC-3-D-CORE	LDW-Y3-SU-ENR+AC-3-D-S010	NA	3	24	D	44	1267943.5	205410.0
			LDW-Y3-SU-ENR+AC-3-E-CORE	LDW-Y3-SU-ENR+AC-3-E-S010	NA	3	8	E	45	1267909.2	205452.2
			LDW-Y3-SU-ENR+AC-4-A-CORE	LDW-Y3-SU-ENR+AC-4-A-S010	NA	4	17	A	46	1267953.7	205346.8
			LDW-Y3-SU-ENR+AC-4-B-CORE	LDW-Y3-SU-ENR+AC-4-B-S010	NA	4	9	B	47	1267936.6	205367.8
			LDW-Y3-SU-ENR+AC-4-C-CORE	LDW-Y3-SU-ENR+AC-4-C-S010	NA	4	4	C	48	1267931.1	205352.8
			LDW-Y3-SU-ENR+AC-4-D-CORE	LDW-Y3-SU-ENR+AC-4-D-S010	NA	4	19	D	49	1267947.4	205398.0
			LDW-Y3-SU-ENR+AC-4-E-CORE	LDW-Y3-SU-ENR+AC-4-E-S010	NA	4	14	E	50	1267942.0	205382.9
			LDW-Y3-SU-ENR+AC-5-A-CORE	LDW-Y3-SU-ENR+AC-5-A-S010	NA	5	16	A	51	1267973.2	205286.5
			LDW-Y3-SU-ENR+AC-5-B-CORE	LDW-Y3-SU-ENR+AC-5-B-S010	NA	5	12	B	52	1267971.7	205259.4
			LDW-Y3-SU-ENR+AC-5-C-CORE	LDW-Y3-SU-ENR+AC-5-C-S010	NA	5	11	C	53	1267967.8	205271.5
			LDW-Y3-SU-ENR+AC-5-D-CORE	LDW-Y3-SU-ENR+AC-5-D-S010	NA	5	24	D	54	1267990.4	205265.5
			LDW-Y3-SU-ENR+AC-5-E-CORE	LDW-Y3-SU-ENR+AC-5-E-S010	NA	5	7	E	55	1267952.2	205319.6
			LDW-Y3-SU-ENR+AC-6-A-CORE	LDW-Y3-SU-ENR+AC-6-A-S010	NA	6	7	A	56	1267975.6	205247.4
			LDW-Y3-SU-ENR+AC-6-B-CORE	LDW-Y3-SU-ENR+AC-6-B-S010	NA	6	3	B	57	1267974.1	205220.2
			LDW-Y3-SU-ENR+AC-6-C-CORE	LDW-Y3-SU-ENR+AC-6-C-S010	NA	6	17	C	58	1268000.6	205202.2
			LDW-Y3-SU-ENR+AC-6-D-CORE	LDW-Y3-SU-ENR+AC-6-D-S010	NA	6	5	D	59	1267981.9	205196.1
			LDW-Y3-SU-ENR+AC-6-E-CORE	LDW-Y3-SU-ENR+AC-6-E-S010	NA	6	2	E	60	1267970.2	205232.3

Table 1
Sample Location Coordinates

Plot	Subplot	Treatment	Discrete Sediment Sample ID	Discrete SPME Sample ID	Discrete Tissue Sample ID	Grid Cell	Location Cell	Planned Composite	Diver ID	Easting	Northing
Sediment and SPME Locations											
Scour	Upstream	ENR	LDW-Y3-SC-ENR-1-A-CORE	LDW-Y3-SC-ENR-1-A-S010	NA	1	4	A	61	1266959.6	211067.6
			LDW-Y3-SC-ENR-1-B-CORE	LDW-Y3-SC-ENR-1-B-S010	NA	1	23	B	62	1266990.0	211047.1
			LDW-Y3-SC-ENR-1-C-CORE	LDW-Y3-SC-ENR-1-C-S010	NA	1	24	C	63	1266986.8	211036.7
			LDW-Y3-SC-ENR-1-D-CORE	LDW-Y3-SC-ENR-1-D-S010	NA	1	10	D	64	1266970.8	211064.2
			LDW-Y3-SC-ENR-1-E-CORE	LDW-Y3-SC-ENR-1-E-S010	NA	1	9	E	65	1266974.0	211074.6
			LDW-Y3-SC-ENR-2-A-CORE	LDW-Y3-SC-ENR-2-A-S010	NA	2	12	A	66	1266944.9	210979.0
			LDW-Y3-SC-ENR-2-B-CORE	LDW-Y3-SC-ENR-2-B-S010	NA	2	23	B	67	1266970.5	210983.0
			LDW-Y3-SC-ENR-2-C-CORE	LDW-Y3-SC-ENR-2-C-S010	NA	2	20	C	68	1266980.3	211015.3
			LDW-Y3-SC-ENR-2-D-CORE	LDW-Y3-SC-ENR-2-D-S010	NA	2	5	D	69	1266937.0	210993.1
			LDW-Y3-SC-ENR-2-E-CORE	LDW-Y3-SC-ENR-2-E-S010	NA	2	17	E	70	1266959.3	210986.4
			LDW-Y3-SC-ENR-3-A-CORE	LDW-Y3-SC-ENR-3-A-S010	NA	3	23	A	71	1267034.6	211033.5
			LDW-Y3-SC-ENR-3-B-CORE	LDW-Y3-SC-ENR-3-B-S010	NA	3	6	B	72	1266998.0	211033.3
			LDW-Y3-SC-ENR-3-C-CORE	LDW-Y3-SC-ENR-3-C-S010	NA	3	10	C	73	1267015.5	211050.7
			LDW-Y3-SC-ENR-3-D-CORE	LDW-Y3-SC-ENR-3-D-S010	NA	3	20	D	74	1267044.1	211064.6
			LDW-Y3-SC-ENR-3-E-CORE	LDW-Y3-SC-ENR-3-E-S010	NA	3	21	E	75	1267040.9	211054.3
			LDW-Y3-SC-ENR-4-A-CORE	LDW-Y3-SC-ENR-4-A-S010	NA	4	4	A	76	1266984.9	210990.4
			LDW-Y3-SC-ENR-4-B-CORE	LDW-Y3-SC-ENR-4-B-S010	NA	4	1	B	77	1266994.8	211022.7
			LDW-Y3-SC-ENR-4-C-CORE	LDW-Y3-SC-ENR-4-C-S010	NA	4	6	C	78	1266978.4	210968.8
			LDW-Y3-SC-ENR-4-D-CORE	LDW-Y3-SC-ENR-4-D-S010	NA	4	19	D	79	1267028.3	211012.5
			LDW-Y3-SC-ENR-4-E-CORE	LDW-Y3-SC-ENR-4-E-S010	NA	4	9	E	80	1266999.4	210997.8
			LDW-Y3-SC-ENR-5-A-CORE	LDW-Y3-SC-ENR-5-A-S010	NA	5	1	A	81	1267058.4	211071.6
			LDW-Y3-SC-ENR-5-B-CORE	LDW-Y3-SC-ENR-5-B-S010	NA	5	11	B	82	1267057.0	211026.7
			LDW-Y3-SC-ENR-5-C-CORE	LDW-Y3-SC-ENR-5-C-S010	NA	5	18	C	83	1267065.0	211012.9
			LDW-Y3-SC-ENR-5-D-CORE	LDW-Y3-SC-ENR-5-D-S010	NA	5	16	D	84	1267071.3	211033.7
			LDW-Y3-SC-ENR-5-E-CORE	LDW-Y3-SC-ENR-5-E-S010	NA	5	17	E	85	1267068.1	211023.3
			LDW-Y3-SC-ENR-6-A-CORE	LDW-Y3-SC-ENR-6-A-S010	NA	6	6	A	86	1267023.0	210955.2
			LDW-Y3-SC-ENR-6-B-CORE	LDW-Y3-SC-ENR-6-B-S010	NA	6	5	B	87	1267026.3	210966.0
			LDW-Y3-SC-ENR-6-C-CORE	LDW-Y3-SC-ENR-6-C-S010	NA	6	15	C	88	1267055.2	210980.8
			LDW-Y3-SC-ENR-6-D-CORE	LDW-Y3-SC-ENR-6-D-S010	NA	6	18	D	89	1267045.4	210948.5
			LDW-Y3-SC-ENR-6-E-CORE	LDW-Y3-SC-ENR-6-E-S010	NA	6	17	E	90	1267048.6	210959.2

Table 1
Sample Location Coordinates

Plot	Subplot	Treatment	Discrete Sediment Sample ID	Discrete SPME Sample ID	Discrete Tissue Sample ID	Grid Cell	Location Cell	Planned Composite	Diver ID	Easting	Northing
Sediment and SPME Locations											
Scour	Downstream	ENR+AC	LDW-Y3-SC-ENR+AC-1-A-CORE	LDW-Y3-SC-ENR+AC-1-A-S010	NA	1	14	A	91	1267032.3	211226.5
			LDW-Y3-SC-ENR+AC-1-B-CORE	LDW-Y3-SC-ENR+AC-1-B-S010	NA	1	3	B	92	1267006.6	211222.1
			LDW-Y3-SC-ENR+AC-1-C-CORE	LDW-Y3-SC-ENR+AC-1-C-S010	NA	1	9	C	93	1267017.7	211218.8
			LDW-Y3-SC-ENR+AC-1-D-CORE	LDW-Y3-SC-ENR+AC-1-D-S010	NA	1	23	D	94	1267033.3	211189.6
			LDW-Y3-SC-ENR+AC-1-E-CORE	LDW-Y3-SC-ENR+AC-1-E-S010	NA	1	13	E	95	1267035.7	211237.7
			LDW-Y3-SC-ENR+AC-2-A-CORE	LDW-Y3-SC-ENR+AC-2-A-S010	NA	2	6	A	96	1266976.7	211123.7
			LDW-Y3-SC-ENR+AC-2-B-CORE	LDW-Y3-SC-ENR+AC-2-B-S010	NA	2	21	B	97	1267020.0	211145.9
			LDW-Y3-SC-ENR+AC-2-C-CORE	LDW-Y3-SC-ENR+AC-2-C-S010	NA	2	22	C	98	1267016.7	211135.1
			LDW-Y3-SC-ENR+AC-2-D-CORE	LDW-Y3-SC-ENR+AC-2-D-S010	NA	2	7	D	99	1267004.2	211174.2
			LDW-Y3-SC-ENR+AC-2-E-CORE	LDW-Y3-SC-ENR+AC-2-E-S010	NA	2	20	E	100	1267023.3	211156.7
			LDW-Y3-SC-ENR+AC-3-A-CORE	LDW-Y3-SC-ENR+AC-3-A-S010	NA	3	7	A	101	1267069.2	211227.6
			LDW-Y3-SC-ENR+AC-3-B-CORE	LDW-Y3-SC-ENR+AC-3-B-S010	NA	3	6	B	102	1267041.0	211175.0
			LDW-Y3-SC-ENR+AC-3-C-CORE	LDW-Y3-SC-ENR+AC-3-C-S010	NA	3	15	C	103	1267073.6	211201.8
			LDW-Y3-SC-ENR+AC-3-D-CORE	LDW-Y3-SC-ENR+AC-3-D-S010	NA	3	4	D	104	1267047.8	211197.4
			LDW-Y3-SC-ENR+AC-3-E-CORE	LDW-Y3-SC-ENR+AC-3-E-S010	NA	3	16	E	105	1267070.2	211190.6
			LDW-Y3-SC-ENR+AC-4-A-CORE	LDW-Y3-SC-ENR+AC-4-A-S010	NA	4	17	A	106	1267046.9	211114.1
			LDW-Y3-SC-ENR+AC-4-B-CORE	LDW-Y3-SC-ENR+AC-4-B-S010	NA	4	18	B	107	1267043.6	211103.3
			LDW-Y3-SC-ENR+AC-4-C-CORE	LDW-Y3-SC-ENR+AC-4-C-S010	NA	4	7	C	108	1267048.9	211160.7
			LDW-Y3-SC-ENR+AC-4-D-CORE	LDW-Y3-SC-ENR+AC-4-D-S010	NA	4	15	D	109	1267053.5	211135.7
			LDW-Y3-SC-ENR+AC-4-E-CORE	LDW-Y3-SC-ENR+AC-4-E-S010	NA	4	3	E	110	1267031.1	211142.5
			LDW-Y3-SC-ENR+AC-5-A-CORE	LDW-Y3-SC-ENR+AC-5-A-S010	NA	5	5	A	176	1267089.1	211172.7
			LDW-Y3-SC-ENR+AC-5-B-CORE	LDW-Y3-SC-ENR+AC-5-B-S010	NA	5	11	B	177	1267100.2	211169.3
			LDW-Y3-SC-ENR+AC-5-C-CORE	LDW-Y3-SC-ENR+AC-5-C-S010	NA	5	2	C	178	1267099.3	211206.2
			LDW-Y3-SC-ENR+AC-5-D-CORE	LDW-Y3-SC-ENR+AC-5-D-S010	NA	5	3	D	179	1267095.9	211195.0
			LDW-Y3-SC-ENR+AC-5-E-CORE	LDW-Y3-SC-ENR+AC-5-E-S010	NA	5	16	E	180	1267114.8	211177.1
			LDW-Y3-SC-ENR+AC-6-A-CORE	LDW-Y3-SC-ENR+AC-6-A-S010	NA	6	14	A	111	1267101.4	211132.9
			LDW-Y3-SC-ENR+AC-6-B-CORE	LDW-Y3-SC-ENR+AC-6-B-S010	NA	6	18	B	112	1267088.3	211089.8
			LDW-Y3-SC-ENR+AC-6-C-CORE	LDW-Y3-SC-ENR+AC-6-C-S010	NA	6	19	C	113	1267115.8	211140.3
			LDW-Y3-SC-ENR+AC-6-D-CORE	LDW-Y3-SC-ENR+AC-6-D-S010	NA	6	22	D	114	1267106.0	211108.0
			LDW-Y3-SC-ENR+AC-6-E-CORE	LDW-Y3-SC-ENR+AC-6-E-S010	NA	6	4	E	115	1267072.5	211118.1

Table 1
Sample Location Coordinates

Plot	Subplot	Treatment	Discrete Sediment Sample ID	Discrete SPME Sample ID	Discrete Tissue Sample ID	Grid Cell	Location Cell	Planned Composite	Diver ID	Easting	Northing
Sediment and SPME Locations											
Intertidal	Upstream	ENR	LDW-Y3-IN-ENR-1-A-CORE	LDW-Y3-IN-ENR-1-A-S010	NA	1	15	A	181	1276254.6	194140.1
			LDW-Y3-IN-ENR-1-B-CORE	LDW-Y3-IN-ENR-1-B-S010	NA	1	10	B	182	1276246.5	194125.6
			LDW-Y3-IN-ENR-1-C-CORE	LDW-Y3-IN-ENR-1-C-S010	NA	1	11	C	183	1276249.3	194113.5
			LDW-Y3-IN-ENR-1-D-CORE	LDW-Y3-IN-ENR-1-D-S010	NA	1	2	D	187	1276230.0	194147.2
			LDW-Y3-IN-ENR-1-E-CORE	LDW-Y3-IN-ENR-1-E-S010	NA	1	8	E	188	1276240.9	194149.7
			LDW-Y3-IN-ENR-2-A-CORE	LDW-Y3-IN-ENR-2-A-S010	NA	2	4	A	189	1276252.2	194050.7
			LDW-Y3-IN-ENR-2-B-CORE	LDW-Y3-IN-ENR-2-B-S010	NA	2	5	B	190	1276255.0	194038.6
			LDW-Y3-IN-ENR-2-C-CORE	LDW-Y3-IN-ENR-2-C-S010	NA	2	19	C	191	1276276.7	194094.4
			LDW-Y3-IN-ENR-2-D-CORE	LDW-Y3-IN-ENR-2-D-S010	NA	2	10	D	195	1276263.1	194053.2
			LDW-Y3-IN-ENR-2-E-CORE	LDW-Y3-IN-ENR-2-E-S010	NA	2	24	E	196	1276290.6	194034.1
			LDW-Y3-IN-ENR-3-A-CORE	LDW-Y3-IN-ENR-3-A-S010	NA	3	6	A	197	1276274.4	193954.1
			LDW-Y3-IN-ENR-3-B-CORE	LDW-Y3-IN-ENR-3-B-S010	NA	3	11	B	198	1276282.6	193968.7
			LDW-Y3-IN-ENR-3-C-CORE	LDW-Y3-IN-ENR-3-C-S010	NA	3	10	C	199	1276279.8	193980.8
			LDW-Y3-IN-ENR-3-D-CORE	LDW-Y3-IN-ENR-3-D-S010	NA	3	2	D	203	1276263.3	194002.4
			LDW-Y3-IN-ENR-3-E-CORE	LDW-Y3-IN-ENR-3-E-S010	NA	3	21	E	204	1276298.9	193997.9
			LDW-Y3-IN-ENR-4-A-CORE	LDW-Y3-IN-ENR-4-A-S010	NA	4	6	A	205	1276284.8	194109.0
			LDW-Y3-IN-ENR-4-B-CORE	LDW-Y3-IN-ENR-4-B-S010	NA	4	9	B	206	1276287.4	194147.7
			LDW-Y3-IN-ENR-4-C-CORE	LDW-Y3-IN-ENR-4-C-S010	NA	4	13	C	207	1276292.8	194174.3
			LDW-Y3-IN-ENR-4-D-CORE	LDW-Y3-IN-ENR-4-D-S010	NA	4	1	D	174	1276271.0	194169.3
			LDW-Y3-IN-ENR-4-E-CORE	LDW-Y3-IN-ENR-4-E-S010	NA	4	5	E	175	1276282.1	194121.1
			LDW-Y3-IN-ENR-5-A-CORE	LDW-Y3-IN-ENR-5-A-S010	NA	5	10	A	131	1276306.9	194063.3
			LDW-Y3-IN-ENR-5-B-CORE	LDW-Y3-IN-ENR-5-B-S010	NA	5	3	B	132	1276293.2	194072.8
			LDW-Y3-IN-ENR-5-C-CORE	LDW-Y3-IN-ENR-5-C-S010	NA	5	7	C	133	1276298.6	194099.5
			LDW-Y3-IN-ENR-5-D-CORE	LDW-Y3-IN-ENR-5-D-S010	NA	5	21	D	134	1276326.0	194080.4
			LDW-Y3-IN-ENR-5-E-CORE	LDW-Y3-IN-ENR-5-E-S010	NA	5	4	E	135	1276296.0	194060.8
			LDW-Y3-IN-ENR-6-A-CORE	LDW-Y3-IN-ENR-6-A-S010	NA	6	18	A	136	1276340.1	193969.3
			LDW-Y3-IN-ENR-6-B-CORE	LDW-Y3-IN-ENR-6-B-S010	NA	6	23	B	137	1276348.2	193983.9
			LDW-Y3-IN-ENR-6-C-CORE	LDW-Y3-IN-ENR-6-C-S010	NA	6	16	C	138	1276334.5	193993.4
			LDW-Y3-IN-ENR-6-D-CORE	LDW-Y3-IN-ENR-6-D-S010	NA	6	19	D	139	1276337.1	194032.1
			LDW-Y3-IN-ENR-6-E-CORE	LDW-Y3-IN-ENR-6-E-S010	NA	6	6	E	140	1276318.2	193964.3

Table 1
Sample Location Coordinates

Plot	Subplot	Treatment	Discrete Sediment Sample ID	Discrete SPME Sample ID	Discrete Tissue Sample ID	Grid Cell	Location Cell	Planned Composite	Diver ID	Easting	Northing
Sediment and SPME Locations											
Intertidal	Downstream	ENR+AC	LDW-Y3-IN-ENR+AC-1-A-CORE	LDW-Y3-IN-ENR+AC-1-A-S010	NA	1	12	A	141	1276179.9	194415.0
			LDW-Y3-IN-ENR+AC-1-B-CORE	LDW-Y3-IN-ENR+AC-1-B-S010	NA	1	22	B	142	1276196.5	194442.9
			LDW-Y3-IN-ENR+AC-1-C-CORE	LDW-Y3-IN-ENR+AC-1-C-S010	NA	1	24	C	143	1276201.8	194420.1
			LDW-Y3-IN-ENR+AC-1-D-CORE	LDW-Y3-IN-ENR+AC-1-D-S010	NA	1	11	D	144	1276177.3	194426.5
			LDW-Y3-IN-ENR+AC-1-E-CORE	LDW-Y3-IN-ENR+AC-1-E-S010	NA	1	7	E	145	1276166.8	194472.2
			LDW-Y3-IN-ENR+AC-2-A-CORE	LDW-Y3-IN-ENR+AC-2-A-S010	NA	2	6	A	146	1276184.8	194343.9
			LDW-Y3-IN-ENR+AC-2-B-CORE	LDW-Y3-IN-ENR+AC-2-B-S010	NA	2	13	B	147	1276193.5	194406.1
			LDW-Y3-IN-ENR+AC-2-C-CORE	LDW-Y3-IN-ENR+AC-2-C-S010	NA	2	4	C	148	1276179.5	194366.8
			LDW-Y3-IN-ENR+AC-2-D-CORE	LDW-Y3-IN-ENR+AC-2-D-S010	NA	2	8	D	149	1276185.2	194392.2
			LDW-Y3-IN-ENR+AC-2-E-CORE	LDW-Y3-IN-ENR+AC-2-E-S010	NA	2	23	E	150	1276215.0	194362.9
			LDW-Y3-IN-ENR+AC-3-A-CORE	LDW-Y3-IN-ENR+AC-3-A-S010	NA	3	21	A	151	1276225.5	194317.2
			LDW-Y3-IN-ENR+AC-3-B-CORE	LDW-Y3-IN-ENR+AC-3-B-S010	NA	3	12	B	152	1276211.5	194277.8
			LDW-Y3-IN-ENR+AC-3-C-CORE	LDW-Y3-IN-ENR+AC-3-C-S010	NA	3	11	C	153	1276208.9	194289.3
			LDW-Y3-IN-ENR+AC-3-D-CORE	LDW-Y3-IN-ENR+AC-3-D-S010	NA	3	15	D	154	1276214.6	194314.6
			LDW-Y3-IN-ENR+AC-3-E-CORE	LDW-Y3-IN-ENR+AC-3-E-S010	NA	3	18	E	155	1276222.5	194280.3
			LDW-Y3-IN-ENR+AC-4-A-CORE	LDW-Y3-IN-ENR+AC-4-A-S010	NA	4	13	A	156	1276221.4	194484.8
			LDW-Y3-IN-ENR+AC-4-B-CORE	LDW-Y3-IN-ENR+AC-4-B-S010	NA	4	9	B	157	1276215.8	194459.4
			LDW-Y3-IN-ENR+AC-4-C-CORE	LDW-Y3-IN-ENR+AC-4-C-S010	NA	4	3	C	158	1276204.8	194456.9
			LDW-Y3-IN-ENR+AC-4-D-CORE	LDW-Y3-IN-ENR+AC-4-D-S010	NA	4	4	D	159	1276207.5	194445.5
			LDW-Y3-IN-ENR+AC-4-E-CORE	LDW-Y3-IN-ENR+AC-4-E-S010	NA	4	6	E	160	1276212.7	194422.6
			LDW-Y3-IN-ENR+AC-5-A-CORE	LDW-Y3-IN-ENR+AC-5-A-S010	NA	5	2	A	161	1276218.0	194399.7
			LDW-Y3-IN-ENR+AC-5-B-CORE	LDW-Y3-IN-ENR+AC-5-B-S010	NA	5	17	B	162	1276247.8	194370.4
			LDW-Y3-IN-ENR+AC-5-C-CORE	LDW-Y3-IN-ENR+AC-5-C-S010	NA	5	11	C	163	1276236.8	194367.9
			LDW-Y3-IN-ENR+AC-5-D-CORE	LDW-Y3-IN-ENR+AC-5-D-S010	NA	5	14	D	164	1276239.9	194404.7
			LDW-Y3-IN-ENR+AC-5-E-CORE	LDW-Y3-IN-ENR+AC-5-E-S010	NA	5	7	E	165	1276226.3	194413.7
			LDW-Y3-IN-ENR+AC-6-A-CORE	LDW-Y3-IN-ENR+AC-6-A-S010	NA	6	15	A	166	1276258.3	194324.7
			LDW-Y3-IN-ENR+AC-6-B-CORE	LDW-Y3-IN-ENR+AC-6-B-S010	NA	6	20	B	167	1276266.6	194338.7
			LDW-Y3-IN-ENR+AC-6-C-CORE	LDW-Y3-IN-ENR+AC-6-C-S010	NA	6	6	C	168	1276244.3	194285.4
			LDW-Y3-IN-ENR+AC-6-D-CORE	LDW-Y3-IN-ENR+AC-6-D-S010	NA	6	22	D	169	1276271.9	194315.8
			LDW-Y3-IN-ENR+AC-6-E-CORE	LDW-Y3-IN-ENR+AC-6-E-S010	NA	6	14	E	170	1276255.7	194336.1

Table 1
Sample Location Coordinates

Plot	Subplot	Treatment	Discrete Sediment Sample ID	Discrete SPME Sample ID	Discrete Tissue Sample ID	Grid Cell	Location Cell	Planned Composite	Diver ID	Easting	Northing
Laboratory Bioaccumulation Study Locations											
Subtidal	East Lane	ENR	LDW-Y3-LBS-SU-ENR-1-A-CORE	LDW-Y3-SU-ENR-1-A-S010-SPME-BIO	LDW-Y3-LBS-SU-ENR-1-A-WORM/CLAM	1	2	A		1267907.1	205613.1
			LDW-Y3-LBS-SU-ENR-2-A-CORE	LDW-Y3-SU-ENR-2-A-S010-SPME-BIO	LDW-Y3-LBS-SU-ENR-2-A-WORM/CLAM	2	17	A		1267960.9	205510.8
			LDW-Y3-LBS-SU-ENR-3-A-CORE	LDW-Y3-SU-ENR-3-A-S010-SPME-BIO	LDW-Y3-LBS-SU-ENR-3-A-WORM/CLAM	3	17	A		1267984.3	205438.5
			LDW-Y3-LBS-SU-ENR-4-A-CORE	LDW-Y3-SU-ENR-4-A-S010-SPME-BIO	LDW-Y3-LBS-SU-ENR-4-A-WORM/CLAM	4	24	A		1268021	205357.2
			LDW-Y3-LBS-SU-ENR-5-A-CORE	LDW-Y3-SU-ENR-5-A-S010-SPME-BIO	LDW-Y3-LBS-SU-ENR-5-A-WORM/CLAM	5	13	A		1268015.6	205342.1
			LDW-Y3-LBS-SU-ENR-6-A-CORE	LDW-Y3-SU-ENR-6-A-S010-SPME-BIO	LDW-Y3-LBS-SU-ENR-6-A-WORM/CLAM	6	4	A		1268032	205227.6
			LDW-Y3-LBS-SU-ENR-1-B-CORE	LDW-Y3-SU-ENR-1-B-S010-SPME-BIO	LDW-Y3-LBS-SU-ENR-1-B-WORM/CLAM	1	14	B		1267925.8	205619.2
			LDW-Y3-LBS-SU-ENR-2-B-CORE	LDW-Y3-SU-ENR-2-B-S010-SPME-BIO	LDW-Y3-LBS-SU-ENR-2-B-WORM/CLAM	2	21	B		1267962.4	205537.9
			LDW-Y3-LBS-SU-ENR-3-B-CORE	LDW-Y3-SU-ENR-3-B-S010-SPME-BIO	LDW-Y3-LBS-SU-ENR-3-B-WORM/CLAM	3	24	B		1267997.6	205429.5
			LDW-Y3-LBS-SU-ENR-4-B-CORE	LDW-Y3-SU-ENR-4-B-S010-SPME-BIO	LDW-Y3-LBS-SU-ENR-4-B-WORM/CLAM	4	15	B		1268000	205390.3
			LDW-Y3-LBS-SU-ENR-5-B-CORE	LDW-Y3-SU-ENR-5-B-S010-SPME-BIO	LDW-Y3-LBS-SU-ENR-5-B-WORM/CLAM	5	6	B		1268016.4	205275.8
			LDW-Y3-LBS-SU-ENR-6-B-CORE	LDW-Y3-SU-ENR-6-B-S010-SPME-BIO	LDW-Y3-LBS-SU-ENR-6-B-WORM/CLAM	6	19	B		1268048.3	205272.8
			LDW-Y3-LBS-SU-ENR-1-C-CORE	LDW-Y3-SU-ENR-1-C-S010-SPME-BIO	LDW-Y3-LBS-SU-ENR-1-C-WORM/CLAM	1	22	C		1267942.9	205598.1
			LDW-Y3-LBS-SU-ENR-2-C-CORE	LDW-Y3-SU-ENR-2-C-S010-SPME-BIO	LDW-Y3-LBS-SU-ENR-2-C-WORM/CLAM	2	4	C		1267938.3	205516.8
			LDW-Y3-LBS-SU-ENR-3-C-CORE	LDW-Y3-SU-ENR-3-C-S010-SPME-BIO	LDW-Y3-LBS-SU-ENR-3-C-WORM/CLAM	3	2	C		1267954	205468.6
			LDW-Y3-LBS-SU-ENR-4-C-CORE	LDW-Y3-SU-ENR-4-C-S010-SPME-BIO	LDW-Y3-LBS-SU-ENR-4-C-WORM/CLAM	4	6	C		1267993	205348.1
			LDW-Y3-LBS-SU-ENR-5-C-CORE	LDW-Y3-SU-ENR-5-C-S010-SPME-BIO	LDW-Y3-LBS-SU-ENR-5-C-WORM/CLAM	5	17	C		1268031.2	205293.9
			LDW-Y3-LBS-SU-ENR-6-C-CORE	LDW-Y3-SU-ENR-6-C-S010-SPME-BIO	LDW-Y3-LBS-SU-ENR-6-C-WORM/CLAM	6	17	C		1268054.6	205221.6
	West Lane	ENR+AC	LDW-Y3-LBS-SU-ENR+AC-1-A-CORE	LDW-Y3-SU-ENR+AC-1-A-S010-SPME-BIO	LDW-Y3-LBS-SU-ENR+AC-1-A-WORM/CLAM	1	3	A		1267859.4	205584.4
			LDW-Y3-LBS-SU-ENR+AC-2-A-CORE	LDW-Y3-SU-ENR+AC-2-A-S010-SPME-BIO	LDW-Y3-LBS-SU-ENR+AC-2-A-WORM/CLAM	2	5	A		1267890.6	205488.0
			LDW-Y3-LBS-SU-ENR+AC-3-A-CORE	LDW-Y3-SU-ENR+AC-3-A-S010-SPME-BIO	LDW-Y3-LBS-SU-ENR+AC-3-A-WORM/CLAM	3	3	A		1267906.3	205439.8
			LDW-Y3-LBS-SU-ENR+AC-4-A-CORE	LDW-Y3-SU-ENR+AC-4-A-S010-SPME-BIO	LDW-Y3-LBS-SU-ENR+AC-4-A-WORM/CLAM	4	2	A		1267925.8	205379.6
			LDW-Y3-LBS-SU-ENR+AC-5-A-CORE	LDW-Y3-SU-ENR+AC-5-A-S010-SPME-BIO	LDW-Y3-LBS-SU-ENR+AC-5-A-WORM/CLAM	5	22	A		1267985	205292.3
			LDW-Y3-LBS-SU-ENR+AC-6-A-CORE	LDW-Y3-SU-ENR+AC-6-A-S010-SPME-BIO	LDW-Y3-LBS-SU-ENR+AC-6-A-WORM/CLAM	6	3	A		1267976.5	205222.9
			LDW-Y3-LBS-SU-ENR+AC-1-B-CORE	LDW-Y3-SU-ENR+AC-1-B-S010-SPME-BIO	LDW-Y3-LBS-SU-ENR+AC-1-B-WORM/CLAM	1	24	B		1267899.1	205557.3
			LDW-Y3-LBS-SU-ENR+AC-2-B-CORE	LDW-Y3-SU-ENR+AC-2-B-S010-SPME-BIO	LDW-Y3-LBS-SU-ENR+AC-2-B-WORM/CLAM	2	16	B		1267905.4	205506.1
			LDW-Y3-LBS-SU-ENR+AC-3-B-CORE	LDW-Y3-SU-ENR+AC-3-B-S010-SPME-BIO	LDW-Y3-LBS-SU-ENR+AC-3-B-WORM/CLAM	3	13	B		1267917.1	205469.9
			LDW-Y3-LBS-SU-ENR+AC-4-B-CORE	LDW-Y3-SU-ENR+AC-4-B-S010-SPME-BIO	LDW-Y3-LBS-SU-ENR+AC-4-B-WORM/CLAM	4	4	B		1267933.6	205355.5
			LDW-Y3-LBS-SU-ENR+AC-5-B-CORE	LDW-Y3-SU-ENR+AC-5-B-S010-SPME-BIO	LDW-Y3-LBS-SU-ENR+AC-5-B-WORM/CLAM	5	5	B		1267960.9	205271.1
			LDW-Y3-LBS-SU-ENR+AC-6-B-CORE	LDW-Y3-SU-ENR+AC-6-B-S010-SPME-BIO	LDW-Y3-LBS-SU-ENR+AC-6-B-WORM/CLAM	6	5	B		1267984.3	205198.9
			LDW-Y3-LBS-SU-ENR+AC-1-C-CORE	LDW-Y3-SU-ENR+AC-1-C-S010-SPME-BIO	LDW-Y3-LBS-SU-ENR+AC-1-C-WORM/CLAM	1	22	C		1267891.3	205581.4
			LDW-Y3-LBS-SU-ENR+AC-2-C-CORE	LDW-Y3-SU-ENR+AC-2-C-S010-SPME-BIO	LDW-Y3-LBS-SU-ENR+AC-2-C-WORM/CLAM	2	21	C		1267910.8	205521.2
			LDW-Y3-LBS-SU-ENR+AC-3-C-CORE	LDW-Y3-SU-ENR+AC-3-C-S010-SPME-BIO	LDW-Y3-LBS-SU-ENR+AC-3-C-WORM/CLAM	3	15	C		1267924.9	205445.8
			LDW-Y3-LBS-SU-ENR+AC-4-C-CORE	LDW-Y3-SU-ENR+AC-4-C-S010-SPME-BIO	LDW-Y3-LBS-SU-ENR+AC-4-C-WORM/CLAM	4	1	C		1267921.9	205391.6
			LDW-Y3-LBS-SU-ENR+AC-5-C-CORE	LDW-Y3-SU-ENR+AC-5-C-S010-SPME-BIO	LDW-Y3-LBS-SU-ENR+AC-5-C-WORM/CLAM	5	1	C		1267945.3	205319.3
			LDW-Y3-LBS-SU-ENR+AC-6-C-CORE	LDW-Y3-SU-ENR+AC-6-C-S010-SPME-BIO	LDW-Y3-LBS-SU-ENR+AC-6-C-WORM/CLAM	6	11	C		1267993.7	205201.9

Table 1
Sample Location Coordinates

Plot	Subplot	Treatment	Discrete Sediment Sample ID	Discrete SPME Sample ID	Discrete Tissue Sample ID	Grid Cell	Location Cell	Planned Composite	Diver ID	Easting	Northing
Benthic Macroinvertebrate Survey Locations											
Subtidal	East Lane	ENR	LDW-Y3-SU-ENR-MI-A-MACRO	NA	NA	1	9	MI-A	181	1267978.1	205487.0
			LDW-Y3-SU-ENR-MI-B-MACRO	NA	NA	3	1	MI-B	182	1267950.1	205477.9
			LDW-Y3-SU-ENR-MI-C-MACRO	NA	NA	4	15	MI-C	183	1268002.4	205348.4
			LDW-Y3-SU-ENR-MI-D-MACRO	NA	NA	5	9	MI-D	184	1268000.0	205387.6
			LDW-Y3-SU-ENR-MI-E-MACRO	NA	NA	6	22	MI-E	185	1268014.1	205312.3
	West Lane	ENR+AC	LDW-Y3-SU-ENR+AC-MI-A-MACRO	NA	NA	1	5	MI-A	186	1267913.3	205479.3
			LDW-Y3-SU-ENR+AC-MI-B-MACRO	NA	NA	2	18	MI-B	187	1267937.5	205340.7
			LDW-Y3-SU-ENR+AC-MI-C-MACRO	NA	NA	4	5	MI-C	188	1267867.3	205557.6
			LDW-Y3-SU-ENR+AC-MI-D-MACRO	NA	NA	5	5	MI-D	189	1267961.0	205268.4
			LDW-Y3-SU-ENR+AC-MI-E-MACRO	NA	NA	6	20	MI-E	190	1268000.7	205241.4
Scour	Upstream	ENR	LDW-Y3-SC-ENR-MI-A-MACRO	NA	NA	2	8	MI-A	191	1267075.4	210999.0
			LDW-Y3-SC-ENR-MI-B-MACRO	NA	NA	3	14	MI-B	192	1267048.3	211030.1
			LDW-Y3-SC-ENR-MI-C-MACRO	NA	NA	4	5	MI-C	193	1266984.2	210979.6
			LDW-Y3-SC-ENR-MI-D-MACRO	NA	NA	5	5	MI-D	194	1267035.4	211068.4
			LDW-Y3-SC-ENR-MI-E-MACRO	NA	NA	6	19	MI-E	195	1267054.6	211050.9
	Downstream	ENR+AC	LDW-Y3-SC-ENR+AC-MI-A-MACRO	NA	NA	1	11	MI-A	196	1267067.1	211132.3
			LDW-Y3-SC-ENR+AC-MI-B-MACRO	NA	NA	2	12	MI-B	197	1267065.9	211168.3
			LDW-Y3-SC-ENR+AC-MI-C-MACRO	NA	NA	3	5	MI-C	198	1267046.9	211186.2
			LDW-Y3-SC-ENR+AC-MI-D-MACRO	NA	NA	4	21	MI-D	199	1266990.3	211120.3
			LDW-Y3-SC-ENR+AC-MI-E-MACRO	NA	NA	6	17	MI-E	200	1267102.0	211086.4
Intertidal	Upstream	ENR	LDW-Y3-IN-ENR-MI-A-MACRO	NA	NA	1	6	MI-A	201	1276279.6	193992.9
			LDW-Y3-IN-ENR-MI-B-MACRO	NA	NA	1	13	MI-B	202	1276276.8	194005.0
			LDW-Y3-IN-ENR-MI-C-MACRO	NA	NA	2	15	MI-C	203	1276249.2	194074.8
			LDW-Y3-IN-ENR-MI-D-MACRO	NA	NA	3	8	MI-D	204	1276273.9	194067.8
			LDW-Y3-IN-ENR-MI-E-MACRO	NA	NA	6	5	MI-E	205	1276271.3	194029.1
	Downstream	ENR+AC	LDW-Y3-IN-ENR+AC-MI-A-MACRO	NA	NA	1	10	MI-A	206	1276206.5	194360.4
			LDW-Y3-IN-ENR+AC-MI-B-MACRO	NA	NA	2	17	MI-B	207	1276239.7	194416.2
			LDW-Y3-IN-ENR+AC-MI-C-MACRO	NA	NA	3	4	MI-C	208	1276225.8	194376.8
			LDW-Y3-IN-ENR+AC-MI-D-MACRO	NA	NA	5	13	MI-D	209	1276198.2	194346.4
			LDW-Y3-IN-ENR+AC-MI-E-MACRO	NA	NA	6	10	MI-E	210	1276197.8	194298.2

Notes:
1. 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
2. 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
NA = Not applicable
QAPP = Quality assurance project plan
SPME = Solid-phase microextraction

Table 2
Composite Formation

Plot	Subplot	Grid Cell	Location Cell	Planned Composite	Final Composite	Discrete SPME Sample ID	Composite SPME Sample ID & Vial ID	Discrete Sediment Sample ID	Composite Sediment Sample ID
Subtidal Plot Sediment and SPME Composites (0-10 cm)									
Subtidal	ENR	1	22	A	A	LDW-Y3-SU-ENR-1-A-S010-SPME	LDW-Y3-SU-ENR-CA-S010	LDW-Y3-SU-ENR-1-A-CORE	LDW-Y3-SU-ENR-CA-CORE
		2	2	A		LDW-Y3-SU-ENR-2-A-S010-SPME		LDW-Y3-SU-ENR-2-A-CORE	
		3	2	A		LDW-Y3-SU-ENR-3-A-S010-SPME		LDW-Y3-SU-ENR-3-A-CORE	
		4	14	A		LDW-Y3-SU-ENR-4-A-S010-SPME		LDW-Y3-SU-ENR-4-A-CORE	
		5	2	A		LDW-Y3-SU-ENR-5-A-S010-SPME		LDW-Y3-SU-ENR-5-A-CORE	
		6	7	A		LDW-Y3-SU-ENR-6-A-S010-SPME		LDW-Y3-SU-ENR-6-A-CORE	
		1	2	B	B	LDW-Y3-SU-ENR-1-B-S010-SPME	LDW-Y3-SU-ENR-CB-S010	LDW-Y3-SU-ENR-1-B-CORE	LDW-Y3-SU-ENR-CB-CORE
		2	3	B		LDW-Y3-SU-ENR-2-B-S010-SPME		LDW-Y3-SU-ENR-2-B-CORE	
		3	10	B		LDW-Y3-SU-ENR-3-B-S010-SPME		LDW-Y3-SU-ENR-3-B-CORE	
		4	19	B		LDW-Y3-SU-ENR-4-B-S010-SPME		LDW-Y3-SU-ENR-4-B-CORE	
		5	14	B		LDW-Y3-SU-ENR-5-B-S010-SPME		LDW-Y3-SU-ENR-5-B-CORE	
		6	3	B		LDW-Y3-SU-ENR-6-B-S010-SPME		LDW-Y3-SU-ENR-6-B-CORE	
		1	21	C	C	LDW-Y3-SU-ENR-1-C-S010-SPME	LDW-Y3-SU-ENR-CC-S010	LDW-Y3-SU-ENR-1-C-CORE	LDW-Y3-SU-ENR-CC-CORE
		2	9	C		LDW-Y3-SU-ENR-2-C-S010-SPME		LDW-Y3-SU-ENR-2-C-CORE	
		3	8	C		LDW-Y3-SU-ENR-3-C-S010-SPME		LDW-Y3-SU-ENR-3-C-CORE	
		4	3	C		LDW-Y3-SU-ENR-4-C-S010-SPME		LDW-Y3-SU-ENR-4-C-CORE	
		5	8	C		LDW-Y3-SU-ENR-5-C-S010-SPME		LDW-Y3-SU-ENR-5-C-CORE	
		6	24	C		LDW-Y3-SU-ENR-6-C-S010-SPME		LDW-Y3-SU-ENR-6-C-CORE	
		1	7	D	D	LDW-Y3-SU-ENR-1-D-S010-SPME	LDW-Y3-SU-ENR-CD-S010	LDW-Y3-SU-ENR-1-D-CORE	LDW-Y3-SU-ENR-CD-CORE
		2	22	D		LDW-Y3-SU-ENR-2-D-S010-SPME		LDW-Y3-SU-ENR-2-D-CORE	
		3	4	D		LDW-Y3-SU-ENR-3-D-S010-SPME		LDW-Y3-SU-ENR-3-D-CORE	
		4	21	D		LDW-Y3-SU-ENR-4-D-S010-SPME		LDW-Y3-SU-ENR-4-D-CORE	
		5	12	D		LDW-Y3-SU-ENR-5-D-S010-SPME		LDW-Y3-SU-ENR-5-D-CORE	
		6	10	D		LDW-Y3-SU-ENR-6-D-S010-SPME		LDW-Y3-SU-ENR-6-D-CORE	
		1	4	E	E	LDW-Y3-SU-ENR-1-E-S010-SPME	LDW-Y3-SU-ENR-CE-S010	LDW-Y3-SU-ENR-1-E-CORE	LDW-Y3-SU-ENR-CE-CORE
		2	11	E		LDW-Y3-SU-ENR-2-E-S010-SPME		LDW-Y3-SU-ENR-2-E-CORE	
		3	17	E		LDW-Y3-SU-ENR-3-E-S010-SPME		LDW-Y3-SU-ENR-3-E-CORE	
		4	7	E		LDW-Y3-SU-ENR-4-E-S010-SPME		LDW-Y3-SU-ENR-4-E-CORE	
		5	5	E		LDW-Y3-SU-ENR-5-E-S010-SPME		LDW-Y3-SU-ENR-5-E-CORE	
		6	21	E		LDW-Y3-SU-ENR-6-E-S010-SPME		LDW-Y3-SU-ENR-6-E-CORE	
	ENR+AC	1	16	A	A	LDW-Y3-SU-ENR+AC-1-A-S010-SPME	LDW-Y3-SU-ENR+AC-CA-S010	LDW-Y3-SU-ENR+AC-1-A-CORE	LDW-Y3-SU-ENR+AC-CA-CORE
		2	4	A		LDW-Y3-SU-ENR+AC-2-A-S010-SPME		LDW-Y3-SU-ENR+AC-2-A-CORE	
		3	23	A		LDW-Y3-SU-ENR+AC-3-A-S010-SPME		LDW-Y3-SU-ENR+AC-3-A-CORE	
		4	17	A		LDW-Y3-SU-ENR+AC-4-A-S010-SPME		LDW-Y3-SU-ENR+AC-4-A-CORE	
		5	16	A		LDW-Y3-SU-ENR+AC-5-A-S010-SPME		LDW-Y3-SU-ENR+AC-5-A-CORE	
		6	7	A		LDW-Y3-SU-ENR+AC-6-A-S010-SPME		LDW-Y3-SU-ENR+AC-6-A-CORE	
		1	8	B	B	SPME not recovered/usable	LDW-Y3-SU-ENR+AC-CB-S010	LDW-Y3-SU-ENR+AC-1-B-CORE	LDW-Y3-SU-ENR+AC-CB-CORE
		2	2	B		LDW-Y3-SU-ENR+AC-2-B-S010-SPME		LDW-Y3-SU-ENR+AC-2-B-CORE	
		3	7	B		LDW-Y3-SU-ENR+AC-3-B-S010-SPME		LDW-Y3-SU-ENR+AC-3-B-CORE	
		4	9	B		LDW-Y3-SU-ENR+AC-4-B-S010-SPME		LDW-Y3-SU-ENR+AC-4-B-CORE	
		5	12	B		LDW-Y3-SU-ENR+AC-5-B-S010-SPME		LDW-Y3-SU-ENR+AC-5-B-CORE	
		6	3	B		LDW-Y3-SU-ENR+AC-6-B-S010-SPME		LDW-Y3-SU-ENR+AC-6-B-CORE	
		1	18	C	C	LDW-Y3-SU-ENR+AC-1-C-S010-SPME	LDW-Y3-SU-ENR+AC-CC-S010	LDW-Y3-SU-ENR+AC-1-C-CORE	LDW-Y3-SU-ENR+AC-CC-CORE
		2	3	C		LDW-Y3-SU-ENR+AC-2-C-S010-SPME		LDW-Y3-SU-ENR+AC-2-C-CORE	
		3	10	C		LDW-Y3-SU-ENR+AC-3-C-S010-SPME		LDW-Y3-SU-ENR+AC-3-C-CORE	
		4	4	C		LDW-Y3-SU-ENR+AC-4-C-S010-SPME		LDW-Y3-SU-ENR+AC-4-C-CORE	
		5	11	C		LDW-Y3-SU-ENR+AC-5-C-S010-SPME		LDW-Y3-SU-ENR+AC-5-C-CORE	
		6	17	C		LDW-Y3-SU-ENR+AC-6-C-S010-SPME		LDW-Y3-SU-ENR+AC-6-C-CORE	
		1	15	D	D	LDW-Y3-SU-ENR+AC-1-D-S010-SPME	LDW-Y3-SU-ENR+AC-CD-S010	LDW-Y3-SU-ENR+AC-1-D-CORE	LDW-Y3-SU-ENR+AC-CD-CORE
		2	15	D		LDW-Y3-SU-ENR+AC-2-D-S010-SPME		LDW-Y3-SU-ENR+AC-2-D-CORE	
		3	24	D		LDW-Y3-SU-ENR+AC-3-D-S010-SPME		LDW-Y3-SU-ENR+AC-3-D-CORE	
		4	19	D		LDW-Y3-SU-ENR+AC-4-D-S010-SPME		LDW-Y3-SU-ENR+AC-4-D-CORE	
		5	24	D		LDW-Y3-SU-ENR+AC-5-D-S010-SPME		LDW-Y3-SU-ENR+AC-5-D-CORE	
		6	5	D		LDW-Y3-SU-ENR+AC-6-D-S010-SPME		LDW-Y3-SU-ENR+AC-6-D-CORE	
		1	10	E	E	LDW-Y3-SU-ENR+AC-1-E-S010-SPME	LDW-Y3-SU-ENR+AC-CE-S010	LDW-Y3-SU-ENR+AC-1-E-CORE	LDW-Y3-SU-ENR+AC-CE-CORE
		2	16	E		LDW-Y3-SU-ENR+AC-2-E-S010-SPME		LDW-Y3-SU-ENR+AC-2-E-CORE	
		3	8	E		LDW-Y3-SU-ENR+AC-3-E-S010-SPME		LDW-Y3-SU-ENR+AC-3-E-CORE	
		4	14	E		LDW-Y3-SU-ENR+AC-4-E-S010-SPME		LDW-Y3-SU-ENR+AC-4-E-CORE	
		5	7	E		LDW-Y3-SU-ENR+AC-5-E-S010-SPME		LDW-Y3-SU-ENR+AC-5-E-CORE	
		6	2	E		LDW-Y3-SU-ENR+AC-6-E-S010-SPME		LDW-Y3-SU-ENR+AC-6-E-CORE	

Table 2
Composite Formation

Plot	Subplot	Grid Cell	Location Cell	Planned Composite	Final Composite	Discrete SPME Sample ID	Composite SPME Sample ID & Vial ID	Discrete Sediment Sample ID	Composite Sediment Sample ID
Intertidal Plot Sediment and SPME Composites (0-10 cm)									
Intertidal	ENR	4	6	A	A	LDW-Y3-IN-ENR-4-A-S010-SPME	LDW-Y3-IN-ENR-CA-S010	LDW-Y3-IN-ENR-4-A-CORE	LDW-Y3-IN-ENR-CA-CORE
		5	4	E		LDW-Y3-IN-ENR-5-E-S010-SPME		LDW-Y3-IN-ENR-5-E-CORE	
		6	18	A		LDW-Y3-IN-ENR-6-A-S010-SPME		LDW-Y3-IN-ENR-6-A-CORE	
		2	5	B	B	LDW-Y3-IN-ENR-2-B-S010-SPME	LDW-Y3-IN-ENR-CB-S010	LDW-Y3-IN-ENR-2-B-CORE	LDW-Y3-IN-ENR-CB-CORE
		3	11	B		LDW-Y3-IN-ENR-3-B-S010-SPME		LDW-Y3-IN-ENR-3-B-CORE	
		4	9	B		LDW-Y3-IN-ENR-4-B-S010-SPME		LDW-Y3-IN-ENR-4-B-CORE	
		5	3	B		LDW-Y3-IN-ENR-5-B-S010-SPME		LDW-Y3-IN-ENR-5-B-CORE	
		6	23	B		LDW-Y3-IN-ENR-6-B-S010-SPME		LDW-Y3-IN-ENR-6-B-CORE	
		1	11	C	C	LDW-Y3-IN-ENR-1-C-S010-SPME	LDW-Y3-IN-ENR-CC-S010	LDW-Y3-IN-ENR-1-C-CORE	LDW-Y3-IN-ENR-CC-CORE
		3	6	A		LDW-Y3-IN-ENR-3-A-S010-SPME		LDW-Y3-IN-ENR-3-A-CORE	
		4	13	C		LDW-Y3-IN-ENR-4-C-S010-SPME		LDW-Y3-IN-ENR-4-C-CORE	
		5	7	C		LDW-Y3-IN-ENR-5-C-S010-SPME		LDW-Y3-IN-ENR-5-C-CORE	
		6	16	C		LDW-Y3-IN-ENR-6-C-S010-SPME		LDW-Y3-IN-ENR-6-C-CORE	
		1	2	D	D	LDW-Y3-IN-ENR-1-D-S010-SPME	LDW-Y3-IN-ENR-CD-S010	LDW-Y3-IN-ENR-1-D-CORE	LDW-Y3-IN-ENR-CD-CORE
		2	24	E		LDW-Y3-IN-ENR-2-E-S010-SPME		LDW-Y3-IN-ENR-2-E-CORE	
		3	2	D		LDW-Y3-IN-ENR-3-D-S010-SPME		LDW-Y3-IN-ENR-3-D-CORE	
		4	1	D		LDW-Y3-IN-ENR-4-D-S010-SPME		LDW-Y3-IN-ENR-4-D-CORE	
		5	21	D		LDW-Y3-IN-ENR-5-D-S010-SPME		LDW-Y3-IN-ENR-5-D-CORE	
		6	19	D		LDW-Y3-IN-ENR-6-D-S010-SPME		LDW-Y3-IN-ENR-6-D-CORE	
		4	5	E	E	LDW-Y3-IN-ENR-4-E-S010-SPME	LDW-Y3-IN-ENR-CE-S010	LDW-Y3-IN-ENR-4-E-CORE	LDW-Y3-IN-ENR-CE-CORE
		6	6	E		LDW-Y3-IN-ENR-6-E-S010-SPME		LDW-Y3-IN-ENR-6-E-CORE	
		1	15	A	--	SPME not recovered/usable	Not used in a composite	Core not included in composite	Not used in a composite
		1	10	B		SPME not recovered/usable		Core not included in composite	
		1	8	E		SPME not recovered/usable		Core not included in composite	
		2	4	A		SPME not recovered/usable		Core not included in composite	
		2	19	C		SPME not recovered/usable		Core not included in composite	
		2	10	D		SPME not recovered/usable		Core not included in composite	
		3	10	C		SPME not recovered/usable		Core not included in composite	
		3	21	E		SPME not recovered/usable		Core not included in composite	
		5	10	A		SPME not recovered/usable		Core not included in composite	
	ENR+AC	2	6	A	A	LDW-Y3-IN-ENR+AC-2-A-S010-SPME	LDW-Y3-IN-ENR+AC-CA-S010	LDW-Y3-IN-ENR+AC-2-A-CORE	LDW-Y3-IN-ENR+AC-CA-CORE
		3	18	E		LDW-Y3-IN-ENR+AC-3-E-S010-SPME		LDW-Y3-IN-ENR+AC-3-E-CORE	
		4	13	A		LDW-Y3-IN-ENR+AC-4-A-S010-SPME		LDW-Y3-IN-ENR+AC-4-A-CORE	
		5	2	A		LDW-Y3-IN-ENR+AC-5-A-S010-SPME		LDW-Y3-IN-ENR+AC-5-A-CORE	
		6	15	A		LDW-Y3-IN-ENR+AC-6-A-S010-SPME		LDW-Y3-IN-ENR+AC-6-A-CORE	
		1	22	B	B	LDW-Y3-IN-ENR+AC-1-B-S010-SPME	LDW-Y3-IN-ENR+AC-CB-S010	LDW-Y3-IN-ENR+AC-1-B-CORE	LDW-Y3-IN-ENR+AC-CB-CORE
		2	23	E		LDW-Y3-IN-ENR+AC-2-E-S010-SPME		LDW-Y3-IN-ENR+AC-2-E-CORE	
		3	12	B		LDW-Y3-IN-ENR+AC-3-B-S010-SPME		LDW-Y3-IN-ENR+AC-3-B-CORE	
		4	9	B		LDW-Y3-IN-ENR+AC-4-B-S010-SPME		LDW-Y3-IN-ENR+AC-4-B-CORE	
		5	7	E		LDW-Y3-IN-ENR+AC-5-E-S010-SPME		LDW-Y3-IN-ENR+AC-5-E-CORE	
		6	20	B		LDW-Y3-IN-ENR+AC-6-B-S010-SPME		LDW-Y3-IN-ENR+AC-6-B-CORE	
		1	24	C	C	LDW-Y3-IN-ENR+AC-1-C-S010-SPME	LDW-Y3-IN-ENR+AC-CC-S010	LDW-Y3-IN-ENR+AC-1-C-CORE	LDW-Y3-IN-ENR+AC-CC-CORE
		2	4	C		LDW-Y3-IN-ENR+AC-2-C-S010-SPME		LDW-Y3-IN-ENR+AC-2-C-CORE	
		4	3	C		LDW-Y3-IN-ENR+AC-4-C-S010-SPME		LDW-Y3-IN-ENR+AC-4-C-CORE	
		5	14	D		LDW-Y3-IN-ENR+AC-5-D-S010-SPME		LDW-Y3-IN-ENR+AC-5-D-CORE	
		6	6	C		LDW-Y3-IN-ENR+AC-6-C-S010-SPME		LDW-Y3-IN-ENR+AC-6-C-CORE	
		4	4	D	D	LDW-Y3-IN-ENR+AC-4-D-S010-SPME	LDW-Y3-IN-ENR+AC-CD-S010	LDW-Y3-IN-ENR+AC-4-D-CORE	LDW-Y3-IN-ENR+AC-CD-CORE
		6	22	D		LDW-Y3-IN-ENR+AC-6-D-S010-SPME		LDW-Y3-IN-ENR+AC-6-D-CORE	
		4	6	E	E	LDW-Y3-IN-ENR+AC-4-E-S010-SPME	LDW-Y3-IN-ENR+AC-CE-S010	LDW-Y3-IN-ENR+AC-4-E-CORE	LDW-Y3-IN-ENR+AC-CE-CORE
		1	12	A	--	SPME not recovered/usable	Not used in a composite	Core not included in composite	Not used in a composite
		1	11	D		SPME not recovered/usable		Core not included in composite	
		1	7	E		SPME not recovered/usable		Core not included in composite	
		2	13	B		SPME not recovered/usable		Core not included in composite	
		2	8	D		SPME not recovered/usable		Core not included in composite	
		3	21	A		SPME not recovered/usable		Core not included in composite	
		3	11	C		SPME not recovered/usable		Core not included in composite	
		3	15	D		SPME not recovered/usable		Core not included in composite	
		5	17	B		SPME not recovered/usable		Core not included in composite	
		5	11	C		SPME not recovered/usable		Core not included in composite	
		6	14	E		SPME not recovered/usable		Core not included in composite	

Table 2
Composite Formation

Plot	Subplot	Grid Cell	Location Cell	Planned Composite	Final Composite	Discrete SPME Sample ID	Composite SPME Sample ID & Vial ID	Discrete Sediment Sample ID	Composite Sediment Sample ID
Scour Plot Sediment and SPME1 Composites (0-10 cm)[1]									
Scour	ENR	1	4	A	A	LDW-Y3-SC-ENR-1-A-S010-LONG	LDW-Y3-SC-ENR-CA-S010-LONG	LDW-Y3-SC-ENR-1-A-CORE	LDW-Y3-SC-ENR-CA-CORE
		2	12	A		LDW-Y3-SC-ENR-2-A-S010-LONG		LDW-Y3-SC-ENR-2-A-CORE	
		3	23	A		LDW-Y3-SC-ENR-3-A-S010-LONG		LDW-Y3-SC-ENR-3-A-CORE	
		4	4	A		LDW-Y3-SC-ENR-4-A-S010-LONG		LDW-Y3-SC-ENR-4-A-CORE	
		5	1	A		LDW-Y3-SC-ENR-5-A-S010-LONG		LDW-Y3-SC-ENR-5-A-CORE	
		6	17	E		LDW-Y3-SC-ENR-6-E-S010-LONG		LDW-Y3-SC-ENR-6-E-CORE	
		1	9	E	B	LDW-Y3-SC-ENR-1-E-S010-LONG	LDW-Y3-SC-ENR-CB-S010-LONG	LDW-Y3-SC-ENR-1-E-CORE	LDW-Y3-SC-ENR-CB-CORE
		2	23	B		LDW-Y3-SC-ENR-2-B-S010-LONG		LDW-Y3-SC-ENR-2-B-CORE	
		3	21	E		LDW-Y3-SC-ENR-3-E-S010-LONG		LDW-Y3-SC-ENR-3-E-CORE	
		4	1	B		LDW-Y3-SC-ENR-4-B-S010-LONG		LDW-Y3-SC-ENR-4-B-CORE	
		5	11	B		LDW-Y3-SC-ENR-5-B-S010-LONG		LDW-Y3-SC-ENR-5-B-CORE	
		1	24	C	C	LDW-Y3-SC-ENR-1-C-S010-LONG	LDW-Y3-SC-ENR-CC-S010-LONG	LDW-Y3-SC-ENR-1-C-CORE	LDW-Y3-SC-ENR-CC-CORE
		2	20	C		LDW-Y3-SC-ENR-2-C-S010-LONG		LDW-Y3-SC-ENR-2-C-CORE	
		3	10	C		LDW-Y3-SC-ENR-3-C-S010-LONG		LDW-Y3-SC-ENR-3-C-CORE	
		4	6	C		LDW-Y3-SC-ENR-4-C-S010-LONG		LDW-Y3-SC-ENR-4-C-CORE	
		5	18	C		LDW-Y3-SC-ENR-5-C-S010-LONG		LDW-Y3-SC-ENR-5-C-CORE	
		6	15	C		LDW-Y3-SC-ENR-6-C-S010-LONG		LDW-Y3-SC-ENR-6-C-CORE	
		1	10	D	D	LDW-Y3-SC-ENR-1-D-S010-LONG	LDW-Y3-SC-ENR-CD-S010-LONG	LDW-Y3-SC-ENR-1-D-CORE	LDW-Y3-SC-ENR-CD-CORE
		2	5	D		LDW-Y3-SC-ENR-2-D-S010-LONG		LDW-Y3-SC-ENR-2-D-CORE	
		3	20	D		LDW-Y3-SC-ENR-3-D-S010-LONG		LDW-Y3-SC-ENR-3-D-CORE	
		4	19	D		LDW-Y3-SC-ENR-4-D-S010-LONG		LDW-Y3-SC-ENR-4-D-CORE	
		5	16	D		LDW-Y3-SC-ENR-5-D-S010-LONG		LDW-Y3-SC-ENR-5-D-CORE	
		6	18	D		LDW-Y3-SC-ENR-6-D-S010-LONG		LDW-Y3-SC-ENR-6-D-CORE	
		2	17	E	E	LDW-Y3-SC-ENR-2-E-S010-LONG	LDW-Y3-SC-ENR-CE-S010-LONG	LDW-Y3-SC-ENR-2-E-CORE	LDW-Y3-SC-ENR-CE-CORE
		5	17	E		LDW-Y3-SC-ENR-5-E-S010-LONG		LDW-Y3-SC-ENR-5-E-CORE	
		1	23	B	--	LONG not recovered/usable	Not used in a composite	Core not included in composite	Not used in a composite
		3	6	B	--	LONG not recovered/usable		Core not included in composite	
		4	9	E	--	LONG not recovered/usable		Core not included in composite	
		6	6	A	--	LONG not recovered/usable		Core not included in composite	
		6	5	B	--	LONG not recovered/usable		Core not included in composite	
	ENR+AC	1	14	A	A	LDW-Y3-SC-ENR+AC-1-A-S010-LONG	LDW-Y3-SC-ENR+AC-CA-S010-LONG	LDW-Y3-SC-ENR+AC-1-A-CORE	LDW-Y3-SC-ENR+AC-CA-CORE
		2	6	A		LDW-Y3-SC-ENR+AC-2-A-S010-LONG		LDW-Y3-SC-ENR+AC-2-A-CORE	
		3	7	A		LDW-Y3-SC-ENR+AC-3-A-S010-LONG		LDW-Y3-SC-ENR+AC-3-A-CORE	
		4	17	A		LDW-Y3-SC-ENR+AC-4-A-S010-LONG		LDW-Y3-SC-ENR+AC-4-A-CORE	
		5	3	D		LDW-Y3-SC-ENR+AC-5-D-S010-LONG		LDW-Y3-SC-ENR+AC-5-D-CORE	
		6	14	A		LDW-Y3-SC-ENR+AC-6-A-S010-LONG		LDW-Y3-SC-ENR+AC-6-A-CORE	
		1	3	B	B	LDW-Y3-SC-ENR+AC-1-B-S010-LONG	LDW-Y3-SC-ENR+AC-CB-S010-LONG	LDW-Y3-SC-ENR+AC-1-B-CORE	LDW-Y3-SC-ENR+AC-CB-CORE
		2	21	B		LDW-Y3-SC-ENR+AC-2-B-S010-LONG		LDW-Y3-SC-ENR+AC-2-B-CORE	
		3	6	B		LDW-Y3-SC-ENR+AC-3-B-S010-LONG		LDW-Y3-SC-ENR+AC-3-B-CORE	
		4	18	B		LDW-Y3-SC-ENR+AC-4-B-S010-LONG		LDW-Y3-SC-ENR+AC-4-B-CORE	
		5	11	B		LDW-Y3-SC-ENR+AC-5-B-S010-LONG		LDW-Y3-SC-ENR+AC-5-B-CORE	
		6	18	B		LDW-Y3-SC-ENR+AC-6-B-S010-LONG		LDW-Y3-SC-ENR+AC-6-B-CORE	
		1	9	C	C	LDW-Y3-SC-ENR+AC-1-C-S010-LONG	LDW-Y3-SC-ENR+AC-CC-S010-LONG	LDW-Y3-SC-ENR+AC-1-C-CORE	LDW-Y3-SC-ENR+AC-CC-CORE
		2	22	C		LDW-Y3-SC-ENR+AC-2-C-S010-LONG		LDW-Y3-SC-ENR+AC-2-C-CORE	
		3	4	D		LDW-Y3-SC-ENR+AC-3-D-S010-LONG		LDW-Y3-SC-ENR+AC-3-D-CORE	
		4	7	C		LDW-Y3-SC-ENR+AC-4-C-S010-LONG		LDW-Y3-SC-ENR+AC-4-C-CORE	
		5	2	C		LDW-Y3-SC-ENR+AC-5-C-S010-LONG		LDW-Y3-SC-ENR+AC-5-C-CORE	
		6	19	C		LDW-Y3-SC-ENR+AC-6-C-S010-LONG		LDW-Y3-SC-ENR+AC-6-C-CORE	
		2	7	D	D	LDW-Y3-SC-ENR+AC-2-D-S010-LONG	LDW-Y3-SC-ENR+AC-CD-S010-LONG	LDW-Y3-SC-ENR+AC-2-D-CORE	LDW-Y3-SC-ENR+AC-CD-CORE
		4	15	D		LDW-Y3-SC-ENR+AC-4-D-S010-LONG		LDW-Y3-SC-ENR+AC-4-D-CORE	
		1	23	D	E	LDW-Y3-SC-ENR+AC-1-D-S010-LONG	LDW-Y3-SC-ENR+AC-CE-S010-LONG	LDW-Y3-SC-ENR+AC-1-D-CORE	LDW-Y3-SC-ENR+AC-CE-CORE
		2	20	E		LDW-Y3-SC-ENR+AC-2-E-S010-LONG		LDW-Y3-SC-ENR+AC-2-E-CORE	
		3	16	E		LDW-Y3-SC-ENR+AC-3-E-S010-LONG		LDW-Y3-SC-ENR+AC-3-E-CORE	
		4	3	E		LDW-Y3-SC-ENR+AC-4-E-S010-LONG		LDW-Y3-SC-ENR+AC-4-E-CORE	
		5	16	E		LDW-Y3-SC-ENR+AC-5-E-S010-LONG		LDW-Y3-SC-ENR+AC-5-E-CORE	
		6	4	E		LDW-Y3-SC-ENR+AC-6-E-S010-LONG		LDW-Y3-SC-ENR+AC-6-E-CORE	
		1	13	E	--	LONG not recovered/usable	Not used in a composite	Core not included in composite	Not used in a composite
		3	15	C	--	LONG not recovered/usable		Core not included in composite	
		5	5	A	--	LONG not recovered/usable		Core not included in composite	
		6	22	D	--	LONG not recovered/usable		Core not included in composite	

Table 2
Composite Formation

Plot	Subplot	Grid Cell	Location Cell	Planned Composite	Final Composite	Discrete SPME Sample ID	Composite SPME Sample ID & Vial ID	Discrete Sediment Sample ID	Composite Sediment Sample ID
Scour Plot Sediment and SPME2 Composites (0-10 cm)[1]									
Scour	ENR	1	4	A	A-ULM	LDW-Y3-SC-ENR-1-A-S010-SPME	LDW-Y3-SC-ENR-CA-S010	LDW-Y3-SC-ENR-1-A-CORE	LDW-Y3-SC-ENR-CA-ULM
		2	12	A		LDW-Y3-SC-ENR-2-A-S010-SPME		LDW-Y3-SC-ENR-2-A-ULM	
		3	23	A		LDW-Y3-SC-ENR-3-A-S010-SPME		LDW-Y3-SC-ENR-3-A-ULM	
		4	4	A		LDW-Y3-SC-ENR-4-A-S010-SPME		LDW-Y3-SC-ENR-4-A-ULM	
		5	1	A		LDW-Y3-SC-ENR-5-A-S010-SPME		LDW-Y3-SC-ENR-5-A-ULM	
		6	17	E		LDW-Y3-SC-ENR-6-E-S010-SPME		LDW-Y3-SC-ENR-6-E-ULM	
		1	9	E	B-ULM	LDW-Y3-SC-ENR-1-E-S010-SPME	LDW-Y3-SC-ENR-CB-S010	LDW-Y3-SC-ENR-1-E-ULM	LDW-Y3-SC-ENR-CB-ULM
		2	23	B		LDW-Y3-SC-ENR-2-B-S010-SPME		LDW-Y3-SC-ENR-2-B-ULM	
		3	21	E		LDW-Y3-SC-ENR-3-E-S010-SPME		LDW-Y3-SC-ENR-3-E-ULM	
		4	1	B		LDW-Y3-SC-ENR-4-B-S010-SPME		LDW-Y3-SC-ENR-4-B-ULM	
		5	11	B		LDW-Y3-SC-ENR-5-B-S010-SPME		LDW-Y3-SC-ENR-5-B-ULM	
		1	24	C	C-ULM	LDW-Y3-SC-ENR-1-C-S010-SPME	LDW-Y3-SC-ENR-CC-S010	LDW-Y3-SC-ENR-1-C-ULM	LDW-Y3-SC-ENR-CC-ULM
		2	20	C		LDW-Y3-SC-ENR-2-C-S010-SPME		LDW-Y3-SC-ENR-2-C-CORE	
		3	10	C		LDW-Y3-SC-ENR-3-C-S010-SPME		LDW-Y3-SC-ENR-3-C-ULM	
		4	6	C		LDW-Y3-SC-ENR-4-C-S010-SPME		LDW-Y3-SC-ENR-4-C-ULM	
		5	18	C		LDW-Y3-SC-ENR-5-C-S010-SPME		LDW-Y3-SC-ENR-5-C-CORE	
		6	15	C		LDW-Y3-SC-ENR-6-C-S010-SPME		LDW-Y3-SC-ENR-6-C-ULM	
		1	10	D	D-ULM	LDW-Y3-SC-ENR-1-D-S010-SPME	LDW-Y3-SC-ENR-CD-S010	LDW-Y3-SC-ENR-1-D-ULM	LDW-Y3-SC-ENR-CD-ULM
		2	5	D		LDW-Y3-SC-ENR-2-D-S010-SPME		LDW-Y3-SC-ENR-2-D-ULM	
		3	20	D		LDW-Y3-SC-ENR-3-D-S010-SPME		LDW-Y3-SC-ENR-3-D-ULM	
		4	19	D		LDW-Y3-SC-ENR-4-D-S010-SPME		LDW-Y3-SC-ENR-4-D-ULM	
		5	16	D		LDW-Y3-SC-ENR-5-D-S010-SPME		LDW-Y3-SC-ENR-5-D-ULM	
		6	18	D		LDW-Y3-SC-ENR-6-D-S010-SPME		LDW-Y3-SC-ENR-6-D-CORE	
		2	17	E	E-ULM	LDW-Y3-SC-ENR-2-E-S010-SPME	LDW-Y3-SC-ENR-CE-S010	LDW-Y3-SC-ENR-2-E-ULM	LDW-Y3-SC-ENR-CE-ULM
		5	17	E		LDW-Y3-SC-ENR-5-E-S010-SPME		LDW-Y3-SC-ENR-5-E-ULM	
	ENR+AC	1	14	A	A-ULM	LDW-Y3-SC-ENR+AC-1-A-S010-SPME	LDW-Y3-SC-ENR+AC-CA-S010	LDW-Y3-SC-ENR+AC-1-A-CORE	LDW-Y3-SC-ENR+AC-CA-ULM
		2	6	A		LDW-Y3-SC-ENR+AC-2-A-S010-SPME		LDW-Y3-SC-ENR+AC-2-A-ULM	
		3	7	A		LDW-Y3-SC-ENR+AC-3-A-S010-SPME		LDW-Y3-SC-ENR+AC-3-A-CORE	
		4	17	A		LDW-Y3-SC-ENR+AC-4-A-S010-SPME		LDW-Y3-SC-ENR+AC-4-A-ULM	
		5	3	D		LDW-Y3-SC-ENR+AC-5-D-S010-SPME		LDW-Y3-SC-ENR+AC-5-D-CORE	
		6	14	A		LDW-Y3-SC-ENR+AC-6-A-S010-SPME		LDW-Y3-SC-ENR+AC-6-A-CORE	
		1	3	B	B-ULM	LDW-Y3-SC-ENR+AC-1-B-S010-SPME	LDW-Y3-SC-ENR+AC-CB-S010	LDW-Y3-SC-ENR+AC-1-B-CORE	LDW-Y3-SC-ENR+AC-CB-ULM
		2	21	B		LDW-Y3-SC-ENR+AC-2-B-S010-SPME		LDW-Y3-SC-ENR+AC-2-B-ULM	
		3	6	B		LDW-Y3-SC-ENR+AC-3-B-S010-SPME		LDW-Y3-SC-ENR+AC-3-B-CORE	
		4	18	B		LDW-Y3-SC-ENR+AC-4-B-S010-SPME		LDW-Y3-SC-ENR+AC-4-B-ULM	
		5	11	B		LDW-Y3-SC-ENR+AC-5-B-S010-SPME		LDW-Y3-SC-ENR+AC-5-B-CORE	
		6	18	B		LDW-Y3-SC-ENR+AC-6-B-S010-SPME		LDW-Y3-SC-ENR+AC-6-B-ULM	
		1	9	C	C-ULM	LDW-Y3-SC-ENR+AC-1-C-S010-SPME	LDW-Y3-SC-ENR+AC-CC-S010	LDW-Y3-SC-ENR+AC-1-C-CORE	LDW-Y3-SC-ENR+AC-CC-ULM
		2	22	C		LDW-Y3-SC-ENR+AC-2-C-S010-SPME		LDW-Y3-SC-ENR+AC-2-C-ULM	
		3	4	D		LDW-Y3-SC-ENR+AC-3-D-S010-SPME		LDW-Y3-SC-ENR+AC-3-D-CORE	
		4	7	C		LDW-Y3-SC-ENR+AC-4-C-S010-SPME		LDW-Y3-SC-ENR+AC-4-C-CORE	
		5	2	C		LDW-Y3-SC-ENR+AC-5-C-S010-SPME		LDW-Y3-SC-ENR+AC-5-C-CORE	
		6	19	C		LDW-Y3-SC-ENR+AC-6-C-S010-SPME		LDW-Y3-SC-ENR+AC-6-C-CORE	
		1	23	D	E-ULM	LDW-Y3-SC-ENR+AC-1-D-S010-SPME	LDW-Y3-SC-ENR+AC-CE-S010	LDW-Y3-SC-ENR+AC-1-D-CORE	LDW-Y3-SC-ENR+AC-CE-ULM
		2	20	E		LDW-Y3-SC-ENR+AC-2-E-S010-SPME		LDW-Y3-SC-ENR+AC-2-E-CORE	
		3	16	E		LDW-Y3-SC-ENR+AC-3-E-S010-SPME		LDW-Y3-SC-ENR+AC-3-E-CORE	
		4	3	E		LDW-Y3-SC-ENR+AC-4-E-S010-SPME		LDW-Y3-SC-ENR+AC-4-E-ULM	
		5	16	E		LDW-Y3-SC-ENR+AC-5-E-S010-SPME		LDW-Y3-SC-ENR+AC-5-E-CORE	
		6	4	E		LDW-Y3-SC-ENR+AC-6-E-S010-SPME		LDW-Y3-SC-ENR+AC-6-E-ULM	

Table 2
Composite Formation

Plot	Subplot	Grid Cell	Location Cell	Planned Composite	Final Composite	Discrete SPME Sample ID	Composite SPME Sample ID & Vial ID	Discrete Sediment Sample ID	Composite Sediment Sample ID
Recently Deposited Surface Sediment Composites									
Scour	ENR	1	4	NA	NA	NA	LDW-Y3-SC-ENR-S010-DEP	LDW-Y3-SC-ENR-1-A-CORE	LDW-Y3-SC-ENR-SS
		2	12					LDW-Y3-SC-ENR-2-A-CORE	
		3	23					LDW-Y3-SC-ENR-3-A-CORE	
		4	4					LDW-Y3-SC-ENR-4-A-CORE	
		5	1					LDW-Y3-SC-ENR-5-A-CORE	
		6	6					LDW-Y3-SC-ENR-6-A-CORE	
		1	23					LDW-Y3-SC-ENR-1-B-CORE	
		2	23					LDW-Y3-SC-ENR-2-B-CORE	
		3	6					LDW-Y3-SC-ENR-3-B-CORE	
		4	1					LDW-Y3-SC-ENR-4-B-CORE	
		5	11					LDW-Y3-SC-ENR-5-B-CORE	
		6	5					LDW-Y3-SC-ENR-6-B-CORE	
		1	24					LDW-Y3-SC-ENR-1-C-CORE	
		2	20					LDW-Y3-SC-ENR-2-C-CORE	
		3	10					LDW-Y3-SC-ENR-3-C-CORE	
		4	6					LDW-Y3-SC-ENR-4-C-CORE	
		1	10					LDW-Y3-SC-ENR-1-D-CORE	
		2	5					LDW-Y3-SC-ENR-2-D-CORE	
		3	20					LDW-Y3-SC-ENR-3-D-CORE	
		6	18					LDW-Y3-SC-ENR-6-D-CORE	
		1	9					LDW-Y3-SC-ENR-1-E-CORE	
		2	17					LDW-Y3-SC-ENR-2-E-CORE	
		3	21					LDW-Y3-SC-ENR-3-E-CORE	
		4	9					LDW-Y3-SC-ENR-4-E-CORE	
		5	17					LDW-Y3-SC-ENR-5-E-CORE	
		6	17					LDW-Y3-SC-ENR-6-E-CORE	
	ENR+AC	2	6	NA	NA	NA	LDW-Y3-SC-ENR+AC-S010-DEP	LDW-Y3-SC-ENR+AC-2-A-CORE	LDW-Y3-SC-ENR+AC-SS
		6	14					LDW-Y3-SC-ENR+AC-6-A-CORE	
		2	21					LDW-Y3-SC-ENR+AC-2-B-CORE	
		6	18					LDW-Y3-SC-ENR+AC-6-B-CORE	
		6	22					LDW-Y3-SC-ENR+AC-6-D-CORE	

Table 2
Composite Formation

Plot	Subplot	Grid Cell	Location Cell	Planned Composite	Final Composite	Discrete SPME Sample ID	Composite SPME Sample ID & Vial ID	Discrete Sediment Sample ID	Composite Sediment Sample ID
Laboratory Bioaccumulation Study Tissue and SPME Composites									
Subtidal	ENR	1	2	A	A	LDW-Y3-SU-ENR-1-A-S010-SPME-BIO	LDW-Y3-SU-ENR-CA-S010-BIO	LDW-Y3-LBS-SU-ENR-1-A-WORM/CLAM	LDW-Y3-LBS-SU-ENR-A-WORM/CLAM
		2	17	A		LDW-Y3-SU-ENR-2-A-S010-SPME-BIO		LDW-Y3-LBS-SU-ENR-2-A-WORM/CLAM	
		3	17	A		LDW-Y3-SU-ENR-3-A-S010-SPME-BIO		LDW-Y3-LBS-SU-ENR-3-A-WORM/CLAM	
		4	24	A		LDW-Y3-SU-ENR-4-A-S010-SPME-BIO		LDW-Y3-LBS-SU-ENR-4-A-WORM/CLAM	
		5	13	A		LDW-Y3-SU-ENR-5-A-S010-SPME-BIO		LDW-Y3-LBS-SU-ENR-5-A-WORM/CLAM	
		6	4	A		LDW-Y3-SU-ENR-6-A-S010-SPME-BIO		LDW-Y3-LBS-SU-ENR-6-A-WORM/CLAM	
		1	14	B	B	LDW-Y3-SU-ENR-1-B-S010-SPME-BIO	LDW-Y3-SU-ENR-CB-S010-BIO	LDW-Y3-LBS-SU-ENR-1-B-WORM/CLAM	LDW-Y3-LBS-SU-ENR-B-WORM/CLAM
		2	21	B		LDW-Y3-SU-ENR-2-B-S010-SPME-BIO		LDW-Y3-LBS-SU-ENR-2-B-WORM/CLAM	
		3	24	B		LDW-Y3-SU-ENR-3-B-S010-SPME-BIO		LDW-Y3-LBS-SU-ENR-3-B-WORM/CLAM	
		4	15	B		LDW-Y3-SU-ENR-4-B-S010-SPME-BIO		LDW-Y3-LBS-SU-ENR-4-B-WORM/CLAM	
		5	6	B		LDW-Y3-SU-ENR-5-B-S010-SPME-BIO		LDW-Y3-LBS-SU-ENR-5-B-WORM/CLAM	
		6	19	B		LDW-Y3-SU-ENR-6-B-S010-SPME-BIO		LDW-Y3-LBS-SU-ENR-6-B-WORM/CLAM	
		1	22	C	C	LDW-Y3-SU-ENR-1-C-S010-SPME-BIO	LDW-Y3-SU-ENR-CC-S010-BIO	LDW-Y3-LBS-SU-ENR-1-C-WORM/CLAM	LDW-Y3-LBS-SU-ENR-C-WORM/CLAM
		2	4	C		LDW-Y3-SU-ENR-2-C-S010-SPME-BIO		LDW-Y3-LBS-SU-ENR-2-C-WORM/CLAM	
		3	2	C		LDW-Y3-SU-ENR-3-C-S010-SPME-BIO		LDW-Y3-LBS-SU-ENR-3-C-WORM/CLAM	
		4	6	C		LDW-Y3-SU-ENR-4-C-S010-SPME-BIO		LDW-Y3-LBS-SU-ENR-4-C-WORM/CLAM	
		5	17	C		LDW-Y3-SU-ENR-5-C-S010-SPME-BIO		LDW-Y3-LBS-SU-ENR-5-C-WORM/CLAM	
		6	17	C		LDW-Y3-SU-ENR-6-C-S010-SPME-BIO		LDW-Y3-LBS-SU-ENR-6-C-WORM/CLAM	
	ENR+AC	1	3	A	A	LDW-Y3-SU-ENR+AC-1-A-S010-SPME-BIO	LDW-Y3-SU-ENR+AC-CA-S010-BIO	LDW-Y3-LBS-SU-ENR+AC-1-A-WORM/CLAM	LDW-Y3-LBS-SU-ENR+AC-A-WORM/CLAM
		2	5	A		LDW-Y3-SU-ENR+AC-2-A-S010-SPME-BIO		LDW-Y3-LBS-SU-ENR+AC-2-A-WORM/CLAM	
		3	3	A		LDW-Y3-SU-ENR+AC-3-A-S010-SPME-BIO		LDW-Y3-LBS-SU-ENR+AC-3-A-WORM/CLAM	
		4	2	A		LDW-Y3-SU-ENR+AC-4-A-S010-SPME-BIO		LDW-Y3-LBS-SU-ENR+AC-4-A-WORM/CLAM	
		5	22	A		LDW-Y3-SU-ENR+AC-5-A-S010-SPME-BIO		LDW-Y3-LBS-SU-ENR+AC-5-A-WORM/CLAM	
		6	3	A		LDW-Y3-SU-ENR+AC-6-A-S010-SPME-BIO		LDW-Y3-LBS-SU-ENR+AC-6-A-WORM/CLAM	
		1	24	B	B	LDW-Y3-SU-ENR+AC-1-B-S010-SPME-BIO	LDW-Y3-SU-ENR+AC-CB-S010-BIO	LDW-Y3-LBS-SU-ENR+AC-1-B-WORM/CLAM	LDW-Y3-LBS-SU-ENR+AC-B-WORM/CLAM
		2	16	B		LDW-Y3-SU-ENR+AC-2-B-S010-SPME-BIO		LDW-Y3-LBS-SU-ENR+AC-2-B-WORM/CLAM	
		3	13	B		LDW-Y3-SU-ENR+AC-3-B-S010-SPME-BIO		LDW-Y3-LBS-SU-ENR+AC-3-B-WORM/CLAM	
		4	4	B		LDW-Y3-SU-ENR+AC-4-B-S010-SPME-BIO		LDW-Y3-LBS-SU-ENR+AC-4-B-WORM/CLAM	
		5	5	B		LDW-Y3-SU-ENR+AC-5-B-S010-SPME-BIO		LDW-Y3-LBS-SU-ENR+AC-5-B-WORM/CLAM	
		6	5	B		LDW-Y3-SU-ENR+AC-6-B-S010-SPME-BIO		LDW-Y3-LBS-SU-ENR+AC-6-B-WORM/CLAM	
		1	22	C	C	LDW-Y3-SU-ENR+AC-1-C-S010-SPME-BIO	LDW-Y3-SU-ENR+AC-CC-S010-BIO	LDW-Y3-LBS-SU-ENR+AC-1-C-WORM/CLAM	LDW-Y3-LBS-SU-ENR+AC-C-WORM/CLAM
		2	21	C		LDW-Y3-SU-ENR+AC-2-C-S010-SPME-BIO		LDW-Y3-LBS-SU-ENR+AC-2-C-WORM/CLAM	
		3	15	C		LDW-Y3-SU-ENR+AC-3-C-S010-SPME-BIO		LDW-Y3-LBS-SU-ENR+AC-3-C-WORM/CLAM	
		4	1	C		LDW-Y3-SU-ENR+AC-4-C-S010-SPME-BIO		LDW-Y3-LBS-SU-ENR+AC-4-C-WORM/CLAM	
		5	1	C		LDW-Y3-SU-ENR+AC-5-C-S010-SPME-BIO		LDW-Y3-LBS-SU-ENR+AC-5-C-WORM/CLAM	
		6	11	C		LDW-Y3-SU-ENR+AC-6-C-S010-SPME-BIO		LDW-Y3-LBS-SU-ENR+AC-6-C-WORM/CLAM	

Notes
- Shaded cells indicate where a discrete sample from a different planned composite was used.
1. Two types of SPME were deployed at the scour plot to a depth of 10 cm. The first type (SPME1) was on a long frame (-LONG) and was placed without first scraping away silt deposits. The second type (SPME2) was on a standard frame (-S010) and was deployed after scraping away silt in locations with greater than 3-cm silt deposits. Additional sediment cores representing material underlying the silt deposits were collected in SPME2 locations that had greater than 3 cm of silt deposited on the sediment surface.

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

Table 3
Analytical Schedule

Sample ID	Pre-Analytical Laboratory Submission Sieving (3/8" and #4 Sieve)	PCBs EPA 1668C	TOC EPA 9060	Activated Carbon Grossman and Ghosh (2009)	Grain Size PSEP	Pre-Analytical Homogenization, Used To Make Composites
Sediment Composites (0-10 cm)						
LDW-Y3-SU-ENR-CA-CORE		X	X	X	X	
LDW-Y3-SU-ENR-CB-CORE		X	X	X	X	
LDW-Y3-SU-ENR-CC-CORE		X	X	X	X	
LDW-Y3-SU-ENR-CD-CORE		Archived				
LDW-Y3-SU-ENR-CE-CORE		Archived				
LDW-Y3-SU-ENR+AC-CA-CORE		X	X	X	X	
LDW-Y3-SU-ENR+AC-CB-CORE		Archived				
LDW-Y3-SU-ENR+AC-CC-CORE		X	X	X	X	
LDW-Y3-SU-ENR+AC-CD-CORE		X	X	X	X	
LDW-Y3-SU-ENR+AC-CE-CORE		Archived				
LDW-Y3-SC-ENR-CA-CORE		X	X	X	X	
LDW-Y3-SC-ENR-CB-CORE		Archived				
LDW-Y3-SC-ENR-CC-CORE		X	X	X	X	
LDW-Y3-SC-ENR-CD-CORE		X	X	X	X	
LDW-Y3-SC-ENR-CE-CORE		Archived				
LDW-Y3-SC-ENR+AC-CA-CORE		X	X	X	X	
LDW-Y3-SC-ENR+AC-CB-CORE		X	X	X	X	
LDW-Y3-SC-ENR+AC-CC-CORE		X	X	X	X	
LDW-Y3-SC-ENR+AC-CD-CORE		Archived				
LDW-Y3-SC-ENR+AC-CE-CORE		Archived				
LDW-Y3-IN-ENR-CA-CORE		Archived				
LDW-Y3-IN-ENR-CB-CORE		X	X	X	X	
LDW-Y3-IN-ENR-CC-CORE		X	X	X	X	
LDW-Y3-IN-ENR-CD-CORE		X	X	X	X	
LDW-Y3-IN-ENR-CE-CORE		Archived				
LDW-Y3-IN-ENR+AC-CA-CORE		X	X	X	X	
LDW-Y3-IN-ENR+AC-CB-CORE		X	X	X	X	
LDW-Y3-IN-ENR+AC-CC-CORE		X	X	X	X	
LDW-Y3-IN-ENR+AC-CD-CORE		Archived				
LDW-Y3-IN-ENR+AC-CE-CORE		Archived				
LDW-Y3-SC-ENR-CA-ULM		X	X	X	X	
LDW-Y3-SC-ENR-CB-ULM		Archived				
LDW-Y3-SC-ENR-CC-ULM		X	X	X	X	
LDW-Y3-SC-ENR-CD-ULM		X	X	X	X	
LDW-Y3-SC-ENR-CE-ULM		Archived				
LDW-Y3-SC-ENR+AC-CA-ULM		X	X	X	X	
LDW-Y3-SC-ENR+AC-CB-ULM		X	X	X	X	
LDW-Y3-SC-ENR+AC-CC-ULM		X	X	X	X	
LDW-Y3-SC-ENR+AC-CD-ULM		Archived				
LDW-Y3-SC-ENR+AC-CE-ULM		Archived				
Recently Deposited Surface Sediment Composites						
LDW-Y3-SC-ENR-SS		X	X	X	X	
LDW-Y3-SC-ENR+AC-SS		X	X	X	X	

Table 3
Analytical Schedule

Sample ID	Pre-Analytical Laboratory Submission Sieving (3/8" and #4 Sieve)	PCBs EPA 1668C	TOC EPA 9060	Activated Carbon Grossman and Ghosh (2009)	Grain Size PSEP	Pre-Analytical Homogenization, Used To Make Composites
SPME Fiber Extracts (0-10 cm Sediment)						
LDW-Y3-SU-ENR-CA-S010		X				
LDW-Y3-SU-ENR-CB-S010		X				
LDW-Y3-SU-ENR-CC-S010		X				
LDW-Y3-SU-ENR-CD-S010		Archived				
LDW-Y3-SU-ENR-CE-S010		Archived				
LDW-Y3-SU-ENR+AC-CA-S010		X				
LDW-Y3-SU-ENR+AC-CB-S010		Archived				
LDW-Y3-SU-ENR+AC-CC-S010		X				
LDW-Y3-SU-ENR+AC-CD-S010		X				
LDW-Y3-SU-ENR+AC-CE-S010		Archived				
LDW-Y3-SC-ENR-CA-S010		X				
LDW-Y3-SC-ENR-CB-S010		Archived				
LDW-Y3-SC-ENR-CC-S010		X				
LDW-Y3-SC-ENR-CD-S010		X				
LDW-Y3-SC-ENR-CE-S010		Archived				
LDW-Y3-SC-ENR+AC-CA-S010		X				
LDW-Y3-SC-ENR+AC-CB-S010		X				
LDW-Y3-SC-ENR+AC-CC-S010		X				
LDW-Y3-SC-ENR+AC-CD-S010		Archived				
LDW-Y3-SC-ENR+AC-CE-S010		Archived				
LDW-Y3-IN-ENR-CA-S010		Archived				
LDW-Y3-IN-ENR-CB-S010		X				
LDW-Y3-IN-ENR-CC-S010		X				
LDW-Y3-IN-ENR-CD-S010		X				
LDW-Y3-IN-ENR-CE-S010		Archived				
LDW-Y3-IN-ENR+AC-CA-S010		X				
LDW-Y3-IN-ENR+AC-CB-S010		X				
LDW-Y3-IN-ENR+AC-CC-S010		X				
LDW-Y3-IN-ENR+AC-CD-S010		Archived				
LDW-Y3-IN-ENR+AC-CE-S010		Archived				
LDW-Y3-SC-ENR-CA-S010-LONG		X				
LDW-Y3-SC-ENR-CB-S010-LONG		Archived				
LDW-Y3-SC-ENR-CC-S010-LONG		X				
LDW-Y3-SC-ENR-CD-S010-LONG		X				
LDW-Y3-SC-ENR-CE-S010-LONG		Archived				
LDW-Y3-SC-ENR+AC-CA-S010-LONG		X				
LDW-Y3-SC-ENR+AC-CB-S010-LONG		X				
LDW-Y3-SC-ENR+AC-CC-S010-LONG		X				
LDW-Y3-SC-ENR+AC-CD-S010-LONG		Archived				
LDW-Y3-SC-ENR+AC-CE-S010-LONG		Archived				

Table 3
Analytical Schedule

Sample ID	Pre-Analytical Laboratory Submission Sieving (3/8" and #4 Sieve)	PCBs EPA 1668C	TOC EPA 9060	Activated Carbon Grossman and Ghosh (2009)	Grain Size PSEP	Pre-Analytical Homogenization, Used To Make Composites
SPME Fiber Extracts (Laboratory Bioaccumulation Study)						
LDW-Y3-SU-ENR-CA-S010-BIO		X				
LDW-Y3-SU-ENR-CB-S010-BIO		X				
LDW-Y3-SU-ENR-CC-S010-BIO		X				
LDW-Y3-SU-ENR+AC-CA-S010-BIO		X				
LDW-Y3-SU-ENR+AC-CB-S010-BIO		X				
LDW-Y3-SU-ENR+AC-CC-S010-BIO		X				
Sediment Discrete Samples (0-10 cm)						
LDW-Y3-SU-ENR-1-A-CORE	Not analyzed, only used to make composite samples					
LDW-Y3-SU-ENR-2-A-CORE						
LDW-Y3-SU-ENR-3-A-CORE						
LDW-Y3-SU-ENR-4-A-CORE						
LDW-Y3-SU-ENR-5-A-CORE						
LDW-Y3-SU-ENR-6-A-CORE						
LDW-Y3-SU-ENR-1-B-CORE						
LDW-Y3-SU-ENR-2-B-CORE						
LDW-Y3-SU-ENR-3-B-CORE						
LDW-Y3-SU-ENR-4-B-CORE						
LDW-Y3-SU-ENR-5-B-CORE						
LDW-Y3-SU-ENR-6-B-CORE						
LDW-Y3-SU-ENR-1-C-CORE						
LDW-Y3-SU-ENR-2-C-CORE						
LDW-Y3-SU-ENR-3-C-CORE						
LDW-Y3-SU-ENR-4-C-CORE						
LDW-Y3-SU-ENR-5-C-CORE						
LDW-Y3-SU-ENR-6-C-CORE						
LDW-Y3-SU-ENR-1-D-CORE						
LDW-Y3-SU-ENR-2-D-CORE						
LDW-Y3-SU-ENR-3-D-CORE						
LDW-Y3-SU-ENR-4-D-CORE						
LDW-Y3-SU-ENR-5-D-CORE						
LDW-Y3-SU-ENR-6-D-CORE						
LDW-Y3-SU-ENR-1-E-CORE						
LDW-Y3-SU-ENR-2-E-CORE						
LDW-Y3-SU-ENR-3-E-CORE						
LDW-Y3-SU-ENR-4-E-CORE						
LDW-Y3-SU-ENR-5-E-CORE						
LDW-Y3-SU-ENR-6-E-CORE						

Table 3
Analytical Schedule

Sample ID	Pre-Analytical Laboratory Submission Sieving (3/8" and #4 Sieve)	PCBs EPA 1668C	TOC EPA 9060	Activated Carbon Grossman and Ghosh (2009)	Grain Size PSEP	Pre-Analytical Homogenization, Used To Make Composites
Sediment Discrete Samples (0-10 cm)						
LDW-Y3-SU-ENR+AC-1-A-CORE	Not analyzed, only used to make composite samples					
LDW-Y3-SU-ENR+AC-2-A-CORE						
LDW-Y3-SU-ENR+AC-3-A-CORE						
LDW-Y3-SU-ENR+AC-4-A-CORE						
LDW-Y3-SU-ENR+AC-5-A-CORE						
LDW-Y3-SU-ENR+AC-6-A-CORE						
LDW-Y3-SU-ENR+AC-1-B-CORE						
LDW-Y3-SU-ENR+AC-2-B-CORE						
LDW-Y3-SU-ENR+AC-3-B-CORE						
LDW-Y3-SU-ENR+AC-4-B-CORE						
LDW-Y3-SU-ENR+AC-5-B-CORE						
LDW-Y3-SU-ENR+AC-6-B-CORE						
LDW-Y3-SU-ENR+AC-1-C-CORE						
LDW-Y3-SU-ENR+AC-2-C-CORE						
LDW-Y3-SU-ENR+AC-3-C-CORE						
LDW-Y3-SU-ENR+AC-4-C-CORE						
LDW-Y3-SU-ENR+AC-5-C-CORE						
LDW-Y3-SU-ENR+AC-6-C-CORE						
LDW-Y3-SU-ENR+AC-1-D-CORE						
LDW-Y3-SU-ENR+AC-2-D-CORE						
LDW-Y3-SU-ENR+AC-3-D-CORE						
LDW-Y3-SU-ENR+AC-4-D-CORE						
LDW-Y3-SU-ENR+AC-5-D-CORE						
LDW-Y3-SU-ENR+AC-6-D-CORE						
LDW-Y3-SU-ENR+AC-1-E-CORE						
LDW-Y3-SU-ENR+AC-2-E-CORE						
LDW-Y3-SU-ENR+AC-3-E-CORE						
LDW-Y3-SU-ENR+AC-4-E-CORE						
LDW-Y3-SU-ENR+AC-5-E-CORE						
LDW-Y3-SU-ENR+AC-6-E-CORE						

Table 3
Analytical Schedule

Sample ID	Pre-Analytical Laboratory Submission Sieving (3/8" and #4 Sieve)	PCBs EPA 1668C	TOC EPA 9060	Activated Carbon Grossman and Ghosh (2009)	Grain Size PSEP	Pre-Analytical Homogenization, Used To Make Composites
Sediment Discrete Samples (0-10 cm)						
LDW-Y3-SC-ENR-1-A-CORE	X					
LDW-Y3-SC-ENR-2-A-CORE	X					
LDW-Y3-SC-ENR-3-A-CORE	X					
LDW-Y3-SC-ENR-4-A-CORE	X					
LDW-Y3-SC-ENR-5-A-CORE	X					
LDW-Y3-SC-ENR-6-A-CORE	Not sieved or included in composite because SPME was not recovered or usable					
LDW-Y3-SC-ENR-1-B-CORE	X					
LDW-Y3-SC-ENR-2-B-CORE	X					
LDW-Y3-SC-ENR-3-B-CORE	X[1]					
LDW-Y3-SC-ENR-4-B-CORE	X					
LDW-Y3-SC-ENR-5-B-CORE	X					
LDW-Y3-SC-ENR-6-B-CORE	Not sieved or included in composite because SPME was not recovered or usable					
LDW-Y3-SC-ENR-1-C-CORE	X					
LDW-Y3-SC-ENR-2-C-CORE	X					
LDW-Y3-SC-ENR-3-C-CORE	X					
LDW-Y3-SC-ENR-4-C-CORE	X					
LDW-Y3-SC-ENR-5-C-CORE	X					
LDW-Y3-SC-ENR-6-C-CORE	X					
LDW-Y3-SC-ENR-1-D-CORE	X					
LDW-Y3-SC-ENR-2-D-CORE	X					
LDW-Y3-SC-ENR-3-D-CORE	X					
LDW-Y3-SC-ENR-4-D-CORE	X					
LDW-Y3-SC-ENR-5-D-CORE	X					
LDW-Y3-SC-ENR-6-D-CORE	X					
LDW-Y3-SC-ENR-1-E-CORE	X					
LDW-Y3-SC-ENR-2-E-CORE	X					
LDW-Y3-SC-ENR-3-E-CORE	X					
LDW-Y3-SC-ENR-4-E-CORE	X[1]					
LDW-Y3-SC-ENR-5-E-CORE	X					
LDW-Y3-SC-ENR-6-E-CORE	X					

Table 3
Analytical Schedule

Sample ID	Pre-Analytical Laboratory Submission Sieving (3/8" and #4 Sieve)	PCBs EPA 1668C	TOC EPA 9060	Activated Carbon Grossman and Ghosh (2009)	Grain Size PSEP	Pre-Analytical Homogenization, Used To Make Composites
Sediment Discrete Samples (0-10 cm)						
LDW-Y3-SC-ENR+AC-1-A-CORE	X					
LDW-Y3-SC-ENR+AC-2-A-CORE	X					
LDW-Y3-SC-ENR+AC-3-A-CORE	X					
LDW-Y3-SC-ENR+AC-4-A-CORE	X					
LDW-Y3-SC-ENR+AC-5-A-CORE	Not sieved or included in composite because SPME was not recovered or usable					
LDW-Y3-SC-ENR+AC-6-A-CORE	X					
LDW-Y3-SC-ENR+AC-1-B-CORE	X					
LDW-Y3-SC-ENR+AC-2-B-CORE	X					
LDW-Y3-SC-ENR+AC-3-B-CORE	X					
LDW-Y3-SC-ENR+AC-4-B-CORE	X					
LDW-Y3-SC-ENR+AC-5-B-CORE	X					
LDW-Y3-SC-ENR+AC-6-B-CORE	X					
LDW-Y3-SC-ENR+AC-1-C-CORE	X					
LDW-Y3-SC-ENR+AC-2-C-CORE	X					
LDW-Y3-SC-ENR+AC-3-C-CORE	X[1]					
LDW-Y3-SC-ENR+AC-4-C-CORE	X					
LDW-Y3-SC-ENR+AC-5-C-CORE	X					
LDW-Y3-SC-ENR+AC-6-C-CORE	X					
LDW-Y3-SC-ENR+AC-1-D-CORE	X					
LDW-Y3-SC-ENR+AC-2-D-CORE	X					
LDW-Y3-SC-ENR+AC-3-D-CORE	X					
LDW-Y3-SC-ENR+AC-4-D-CORE	X					
LDW-Y3-SC-ENR+AC-5-D-CORE	X					
LDW-Y3-SC-ENR+AC-6-D-CORE	Not sieved or included in composite because SPME was not recovered or usable					
LDW-Y3-SC-ENR+AC-1-E-CORE	X[1]					
LDW-Y3-SC-ENR+AC-2-E-CORE	X					
LDW-Y3-SC-ENR+AC-3-E-CORE	X					
LDW-Y3-SC-ENR+AC-4-E-CORE	X					
LDW-Y3-SC-ENR+AC-5-E-CORE	X					
LDW-Y3-SC-ENR+AC-6-E-CORE	X					

Table 3
Analytical Schedule

Sample ID	Pre-Analytical Laboratory Submission Sieving (3/8" and #4 Sieve)	PCBs EPA 1668C	TOC EPA 9060	Activated Carbon Grossman and Ghosh (2009)	Grain Size PSEP	Pre-Analytical Homogenization, Used To Make Composites
Sediment Discrete Samples (0-10 cm)						
LDW-Y3-IN-ENR-1-A-CORE	Not sieved or included in composite because SPME was not recovered or usable					
LDW-Y3-IN-ENR-2-A-CORE	Not sieved or included in composite because SPME was not recovered or usable					
LDW-Y3-IN-ENR-3-A-CORE	X					
LDW-Y3-IN-ENR-4-A-CORE	X					
LDW-Y3-IN-ENR-5-A-CORE	Not sieved or included in composite because SPME was not recovered or usable					
LDW-Y3-IN-ENR-6-A-CORE	X					
LDW-Y3-IN-ENR-1-B-CORE	Not sieved or included in composite because SPME was not recovered or usable					
LDW-Y3-IN-ENR-2-B-CORE	X					
LDW-Y3-IN-ENR-3-B-CORE	X					
LDW-Y3-IN-ENR-4-B-CORE	X					
LDW-Y3-IN-ENR-5-B-CORE	X					
LDW-Y3-IN-ENR-6-B-CORE	X					
LDW-Y3-IN-ENR-1-C-CORE	X					
LDW-Y3-IN-ENR-2-C-CORE	Not sieved or included in composite because SPME was not recovered or usable					
LDW-Y3-IN-ENR-3-C-CORE	Not sieved or included in composite because SPME was not recovered or usable					
LDW-Y3-IN-ENR-4-C-CORE	X					
LDW-Y3-IN-ENR-5-C-CORE	X					
LDW-Y3-IN-ENR-6-C-CORE	X					
LDW-Y3-IN-ENR-1-D-CORE	X					
LDW-Y3-IN-ENR-2-D-CORE	Not sieved or included in composite because SPME was not recovered or usable					
LDW-Y3-IN-ENR-3-D-CORE	X					
LDW-Y3-IN-ENR-4-D-CORE	X					
LDW-Y3-IN-ENR-5-D-CORE	X					
LDW-Y3-IN-ENR-6-D-CORE	X					
LDW-Y3-IN-ENR-1-E-CORE	Not sieved or included in composite because SPME was not recovered or usable					
LDW-Y3-IN-ENR-2-E-CORE	X					
LDW-Y3-IN-ENR-3-E-CORE	Not sieved or included in composite because SPME was not recovered or usable					
LDW-Y3-IN-ENR-4-E-CORE	X					
LDW-Y3-IN-ENR-5-E-CORE	X					
LDW-Y3-IN-ENR-6-E-CORE	X					

Table 3
Analytical Schedule

Sample ID	Pre-Analytical Laboratory Submission Sieving (3/8" and #4 Sieve)	PCBs EPA 1668C	TOC EPA 9060	Activated Carbon Grossman and Ghosh (2009)	Grain Size PSEP	Pre-Analytical Homogenization, Used To Make Composites
Sediment Discrete Samples (0-10 cm)						
LDW-Y3-IN-ENR+AC-1-A-CORE	Not sieved or included in composite because SPME was not recovered or usable					
LDW-Y3-IN-ENR+AC-2-A-CORE	X					
LDW-Y3-IN-ENR+AC-3-A-CORE	Not sieved or included in composite because SPME was not recovered or usable					
LDW-Y3-IN-ENR+AC-4-A-CORE	X					
LDW-Y3-IN-ENR+AC-5-A-CORE	X					
LDW-Y3-IN-ENR+AC-6-A-CORE	X					
LDW-Y3-IN-ENR+AC-1-B-CORE	X					
LDW-Y3-IN-ENR+AC-2-B-CORE	Not sieved or included in composite because SPME was not recovered or usable					
LDW-Y3-IN-ENR+AC-3-B-CORE	X					
LDW-Y3-IN-ENR+AC-4-B-CORE	X					
LDW-Y3-IN-ENR+AC-5-B-CORE	Not sieved or included in composite because SPME was not recovered or usable					
LDW-Y3-IN-ENR+AC-6-B-CORE	X					
LDW-Y3-IN-ENR+AC-1-C-CORE	X					
LDW-Y3-IN-ENR+AC-2-C-CORE	X					
LDW-Y3-IN-ENR+AC-3-C-CORE	Not sieved or included in composite because SPME was not recovered or usable					
LDW-Y3-IN-ENR+AC-4-C-CORE	X					
LDW-Y3-IN-ENR+AC-5-C-CORE	Not sieved or included in composite because SPME was not recovered or usable					
LDW-Y3-IN-ENR+AC-6-C-CORE	X					
LDW-Y3-IN-ENR+AC-1-D-CORE	Not sieved or included in composite because SPME was not recovered or usable					
LDW-Y3-IN-ENR+AC-2-D-CORE	Not sieved or included in composite because SPME was not recovered or usable					
LDW-Y3-IN-ENR+AC-3-D-CORE	Not sieved or included in composite because SPME was not recovered or usable					
LDW-Y3-IN-ENR+AC-4-D-CORE	X					
LDW-Y3-IN-ENR+AC-5-D-CORE	X					
LDW-Y3-IN-ENR+AC-6-D-CORE	X					
LDW-Y3-IN-ENR+AC-1-E-CORE	Not sieved or included in composite because SPME was not recovered or usable					
LDW-Y3-IN-ENR+AC-2-E-CORE	X					
LDW-Y3-IN-ENR+AC-3-E-CORE	X					
LDW-Y3-IN-ENR+AC-4-E-CORE	X					
LDW-Y3-IN-ENR+AC-5-E-CORE	X					
LDW-Y3-IN-ENR+AC-6-E-CORE	Not sieved or included in composite because SPME was not recovered or usable					

Table 3
Analytical Schedule

Sample ID	Pre-Analytical Laboratory Submission Sieving (3/8" and #4 Sieve)	PCBs EPA 1668C	TOC EPA 9060	Activated Carbon Grossman and Ghosh (2009)	Grain Size PSEP	Pre-Analytical Homogenization, Used To Make Composites
Sediment Underlying Material Samples (0-10 cm)						
LDW-Y3-SC-ENR-1-A-ULM	Not collected because silt depth was less than 3 cm					
LDW-Y3-SC-ENR-2-A-ULM	X					
LDW-Y3-SC-ENR-3-A-ULM	X					
LDW-Y3-SC-ENR-4-A-ULM	X					
LDW-Y3-SC-ENR-5-A-ULM	X					
LDW-Y3-SC-ENR-6-A-ULM	Not collected because silt depth was less than 3 cm					
LDW-Y3-SC-ENR-1-B-ULM	Not collected because silt depth was less than 3 cm					
LDW-Y3-SC-ENR-2-B-ULM	X					
LDW-Y3-SC-ENR-3-B-ULM	Not collected because silt depth was less than 3 cm					
LDW-Y3-SC-ENR-4-B-ULM	X					
LDW-Y3-SC-ENR-5-B-ULM	X					
LDW-Y3-SC-ENR-6-B-ULM	Not collected because silt depth was less than 3 cm					
LDW-Y3-SC-ENR-1-C-ULM	X					
LDW-Y3-SC-ENR-2-C-ULM	Not collected because silt depth was less than 3 cm					
LDW-Y3-SC-ENR-3-C-ULM	X					
LDW-Y3-SC-ENR-4-C-ULM	X					
LDW-Y3-SC-ENR-5-C-ULM	Not collected because silt depth was less than 3 cm					
LDW-Y3-SC-ENR-6-C-ULM	X					
LDW-Y3-SC-ENR-1-D-ULM	X					
LDW-Y3-SC-ENR-2-D-ULM	X					
LDW-Y3-SC-ENR-3-D-ULM	X					
LDW-Y3-SC-ENR-4-D-ULM	X					
LDW-Y3-SC-ENR-5-D-ULM	X					
LDW-Y3-SC-ENR-6-D-ULM	Not collected because silt depth was less than 3 cm					
LDW-Y3-SC-ENR-1-E-ULM	X					
LDW-Y3-SC-ENR-2-E-ULM	X					
LDW-Y3-SC-ENR-3-E-ULM	X					
LDW-Y3-SC-ENR-4-E-ULM	Not collected because silt depth was less than 3 cm					
LDW-Y3-SC-ENR-5-E-ULM	X					
LDW-Y3-SC-ENR-6-E-ULM	X					

Table 3
Analytical Schedule

Sample ID	Pre-Analytical Laboratory Submission Sieving (3/8" and #4 Sieve)	PCBs EPA 1668C	TOC EPA 9060	Activated Carbon Grossman and Ghosh (2009)	Grain Size PSEP	Pre-Analytical Homogenization, Used To Make Composites
Sediment Underlying Material Samples (0-10 cm)						
LDW-Y3-SC-ENR+AC-1-A-ULM	Not collected because silt depth was less than 3 cm					
LDW-Y3-SC-ENR+AC-2-A-ULM	X					
LDW-Y3-SC-ENR+AC-3-A-ULM	Not collected because silt depth was less than 3 cm					
LDW-Y3-SC-ENR+AC-4-A-ULM	X					
LDW-Y3-SC-ENR+AC-5-A-ULM	Not collected because silt depth was less than 3 cm					
LDW-Y3-SC-ENR+AC-6-A-ULM	Not collected because silt depth was less than 3 cm					
LDW-Y3-SC-ENR+AC-1-B-ULM	Not collected because silt depth was less than 3 cm					
LDW-Y3-SC-ENR+AC-2-B-ULM	X					
LDW-Y3-SC-ENR+AC-3-B-ULM	Not collected because silt depth was less than 3 cm					
LDW-Y3-SC-ENR+AC-4-B-ULM	X					
LDW-Y3-SC-ENR+AC-5-B-ULM	Not collected because silt depth was less than 3 cm					
LDW-Y3-SC-ENR+AC-6-B-ULM	X					
LDW-Y3-SC-ENR+AC-1-C-ULM	Not collected because silt depth was less than 3 cm					
LDW-Y3-SC-ENR+AC-2-C-ULM	X					
LDW-Y3-SC-ENR+AC-3-C-ULM	Not collected because silt depth was less than 3 cm					
LDW-Y3-SC-ENR+AC-4-C-ULM	Not collected because silt depth was less than 3 cm					
LDW-Y3-SC-ENR+AC-5-C-ULM	Not collected because silt depth was less than 3 cm					
LDW-Y3-SC-ENR+AC-6-C-ULM	Not collected because silt depth was less than 3 cm					
LDW-Y3-SC-ENR+AC-1-D-ULM	Not collected because silt depth was less than 3 cm					
LDW-Y3-SC-ENR+AC-2-D-ULM	Not collected because silt depth was less than 3 cm					
LDW-Y3-SC-ENR+AC-3-D-ULM	Not collected because silt depth was less than 3 cm					
LDW-Y3-SC-ENR+AC-4-D-ULM	Not collected because silt depth was less than 3 cm					
LDW-Y3-SC-ENR+AC-5-D-ULM	Not collected because silt depth was less than 3 cm					
LDW-Y3-SC-ENR+AC-6-D-ULM	Not collected because silt depth was less than 3 cm					
LDW-Y3-SC-ENR+AC-1-E-ULM	Not collected because silt depth was less than 3 cm					
LDW-Y3-SC-ENR+AC-2-E-ULM	Not collected because silt depth was less than 3 cm					
LDW-Y3-SC-ENR+AC-3-E-ULM	Not collected because silt depth was less than 3 cm					
LDW-Y3-SC-ENR+AC-4-E-ULM	X					
LDW-Y3-SC-ENR+AC-5-E-ULM	Not collected because silt depth was less than 3 cm					
LDW-Y3-SC-ENR+AC-6-E-ULM	X					

Table 3
Analytical Schedule

Sample ID	Pre-Analytical Laboratory Submission Sieving (3/8" and #4 Sieve)	PCBs EPA 1668C	TOC EPA 9060	Activated Carbon Grossman and Ghosh (2009)	Grain Size PSEP	Pre-Analytical Homogenization, Used To Make Composites
Laboratory Bioaccumulation Study Tissue Composites						
LDW-Y3-LBS-SU-ENR-A-WORM		X				
LDW-Y3-LBS-SU-ENR-B-WORM		X				
LDW-Y3-LBS-SU-ENR-C-WORM		X				
LDW-Y3-LBS-SU-ENR+AC-A-WORM		X				
LDW-Y3-LBS-SU-ENR+AC-B-WORM		X				
LDW-Y3-LBS-SU-ENR+AC-C-WORM		X				
LDW-Y3-LBS-SU-ENR-A-CLAM		X				
LDW-Y3-LBS-SU-ENR-B-CLAM		X				
LDW-Y3-LBS-SU-ENR-C-CLAM		X				
LDW-Y3-LBS-SU-ENR+AC-A-CLAM		X				
LDW-Y3-LBS-SU-ENR+AC-B-CLAM		X				
LDW-Y3-LBS-SU-ENR+AC-C-CLAM		X				
LDW-Y3-LBS-CLAM-BAS		X				
LDW-Y3-LBS-WORM-BAS		X				
Laboratory Bioaccumulation Study Tissue Discrete Samples						
LDW-Y3-LBS-SU-ENR-1A-WORM						X
LDW-Y3-LBS-SU-ENR-2A-WORM						X
LDW-Y3-LBS-SU-ENR-3A-WORM						X
LDW-Y3-LBS-SU-ENR-4A-WORM						X
LDW-Y3-LBS-SU-ENR-5A-WORM						X
LDW-Y3-LBS-SU-ENR-6A-WORM						X
LDW-Y3-LBS-SU-ENR-1B-WORM						X
LDW-Y3-LBS-SU-ENR-2B-WORM						X
LDW-Y3-LBS-SU-ENR-3B-WORM						X
LDW-Y3-LBS-SU-ENR-4B-WORM						X
LDW-Y3-LBS-SU-ENR-5B-WORM						X
LDW-Y3-LBS-SU-ENR-6B-WORM						X
LDW-Y3-LBS-SU-ENR-1C-WORM						X
LDW-Y3-LBS-SU-ENR-2C-WORM						X
LDW-Y3-LBS-SU-ENR-3C-WORM						X
LDW-Y3-LBS-SU-ENR-4C-WORM						X
LDW-Y3-LBS-SU-ENR-5C-WORM						X
LDW-Y3-LBS-SU-ENR-6C-WORM						X

Table 3
Analytical Schedule

Sample ID	Pre-Analytical Laboratory Submission Sieving (3/8" and #4 Sieve)	PCBs EPA 1668C	TOC EPA 9060	Activated Carbon Grossman and Ghosh (2009)	Grain Size PSEP	Pre-Analytical Homogenization, Used To Make Composites
Laboratory Bioaccumulation Study Tissue Discrete Samples						
LDW-Y3-LBS-SU-ENR+AC-1A-WORM						X
LDW-Y3-LBS-SU-ENR+AC-2A-WORM						X
LDW-Y3-LBS-SU-ENR+AC-3A-WORM						X
LDW-Y3-LBS-SU-ENR+AC-4A-WORM						X
LDW-Y3-LBS-SU-ENR+AC-5A-WORM						X
LDW-Y3-LBS-SU-ENR+AC-6A-WORM						X
LDW-Y3-LBS-SU-ENR+AC-1B-WORM						X
LDW-Y3-LBS-SU-ENR+AC-2B-WORM						X
LDW-Y3-LBS-SU-ENR+AC-3B-WORM						X
LDW-Y3-LBS-SU-ENR+AC-4B-WORM						X
LDW-Y3-LBS-SU-ENR+AC-5B-WORM						X
LDW-Y3-LBS-SU-ENR+AC-6B-WORM						X
LDW-Y3-LBS-SU-ENR+AC-1C-WORM						X
LDW-Y3-LBS-SU-ENR+AC-2C-WORM						X
LDW-Y3-LBS-SU-ENR+AC-3C-WORM						X
LDW-Y3-LBS-SU-ENR+AC-4C-WORM						X
LDW-Y3-LBS-SU-ENR+AC-5C-WORM						X
LDW-Y3-LBS-SU-ENR+AC-6C-WORM						X
LDW-Y3-LBS-SU-ENR-1A-CLAM						X
LDW-Y3-LBS-SU-ENR-2A-CLAM						X
LDW-Y3-LBS-SU-ENR-3A-CLAM						X
LDW-Y3-LBS-SU-ENR-4A-CLAM						X
LDW-Y3-LBS-SU-ENR-5A-CLAM						X
LDW-Y3-LBS-SU-ENR-6A-CLAM						X
LDW-Y3-LBS-SU-ENR-1B-CLAM						X
LDW-Y3-LBS-SU-ENR-2B-CLAM						X
LDW-Y3-LBS-SU-ENR-3B-CLAM						X
LDW-Y3-LBS-SU-ENR-4B-CLAM						X
LDW-Y3-LBS-SU-ENR-5B-CLAM						X
LDW-Y3-LBS-SU-ENR-6B-CLAM						X
LDW-Y3-LBS-SU-ENR-1C-CLAM						X
LDW-Y3-LBS-SU-ENR-2C-CLAM						X
LDW-Y3-LBS-SU-ENR-3C-CLAM						X
LDW-Y3-LBS-SU-ENR-4C-CLAM						X
LDW-Y3-LBS-SU-ENR-5C-CLAM						X
LDW-Y3-LBS-SU-ENR-6C-CLAM						X

Table 3
Analytical Schedule

Sample ID	Pre-Analytical Laboratory Submission Sieving (3/8" and #4 Sieve)	PCBs EPA 1668C	TOC EPA 9060	Activated Carbon Grossman and Ghosh (2009)	Grain Size PSEP	Pre-Analytical Homogenization, Used To Make Composites
Laboratory Bioaccumulation Study Tissue Discrete Samples						
LDW-Y3-LBS-SU-ENR+AC-1A-CLAM						X
LDW-Y3-LBS-SU-ENR+AC-2A-CLAM						X
LDW-Y3-LBS-SU-ENR+AC-3A-CLAM						X
LDW-Y3-LBS-SU-ENR+AC-4A-CLAM						X
LDW-Y3-LBS-SU-ENR+AC-5A-CLAM						X
LDW-Y3-LBS-SU-ENR+AC-6A-CLAM						X
LDW-Y3-LBS-SU-ENR+AC-1B-CLAM						X
LDW-Y3-LBS-SU-ENR+AC-2B-CLAM						X
LDW-Y3-LBS-SU-ENR+AC-3B-CLAM						X
LDW-Y3-LBS-SU-ENR+AC-4B-CLAM						X
LDW-Y3-LBS-SU-ENR+AC-5B-CLAM						X
LDW-Y3-LBS-SU-ENR+AC-6B-CLAM						X
LDW-Y3-LBS-SU-ENR+AC-1C-CLAM						X
LDW-Y3-LBS-SU-ENR+AC-2C-CLAM						X
LDW-Y3-LBS-SU-ENR+AC-3C-CLAM						X
LDW-Y3-LBS-SU-ENR+AC-4C-CLAM						X
LDW-Y3-LBS-SU-ENR+AC-5C-CLAM						X
LDW-Y3-LBS-SU-ENR+AC-6C-CLAM						X
LDW-Y3-LBS-1-WORM-BAS						X
LDW-Y3-LBS-2-WORM-BAS						X
LDW-Y3-LBS-3-WORM-BAS						X
LDW-Y3-LBS-1-CLAM-BAS						X
LDW-Y3-LBS-2-CLAM-BAS						X
LDW-Y3-LBS-3-CLAM-BAS						X

Notes:

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

Abbreviations:

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

Reference:

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

Table 4
Data Qualifier Definitions

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

Abbreviations:
MDL = Method detection limit
PCB = Polychlorinated biphenyl
PRC = Performance recovery compound
SPME = Solid-phase microextraction

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

Plot	Subplot	Sample Type	Composite	Discrete Sample ID	Analyte	Total Mass	Mass on 3/8" Sieve	Mass on #4 Sieve	Mass Passing #4	Avg Total Mass	Avg Mass on 3/8" Sieve	Avg Mass on #4 Sieve	Avg Mass Passing #4	Gravel (> #4 Sieve)	< #4 Sieve
					Sample Date	g	g	g	g	g	g	g	g	%	%
Intertidal	ENR	Discrete	A	LDW-Y3-IN-ENR-4-A-CORE	9/16/2020	5,425	1,716	567	3,143	5,546	1,983	489	3,074	44.6	55.4
				LDW-Y3-IN-ENR-5-E-CORE	9/16/2020	5,826	3,132	529.5	2,165						
				LDW-Y3-IN-ENR-6-A-CORE	9/16/2020	5,388	1102	370.6	3,916						
			B	LDW-Y3-IN-ENR-2-B-CORE	9/16/2020	2,685	771	226.4	1,688	4,576	1,687	434	2,455	46.3	53.7
				LDW-Y3-IN-ENR-3-B-CORE	9/16/2020	4,321	1832.1	362.6	2,126						
				LDW-Y3-IN-ENR-4-B-CORE	9/16/2020	5,109	1,798	381.4	2,929						
				LDW-Y3-IN-ENR-5-B-CORE	9/16/2020	5,442	1,879	476.6	3,087						
				LDW-Y3-IN-ENR-6-B-CORE	9/16/2020	5,326	2,154	724	2,448						
			C	LDW-Y3-IN-ENR-1-C-CORE	9/16/2020	3,471	995.5	144.7	2,330	4,255	1,393	330	2,532	40.5	59.5
				LDW-Y3-IN-ENR-3-A-CORE	9/16/2020	3,429	1,706	290.1	1,433						
				LDW-Y3-IN-ENR-4-C-CORE	9/16/2020	4,892	1,461	478.4	2,952						
				LDW-Y3-IN-ENR-5-C-CORE	9/16/2020	4,185	991	259	2,935						
				LDW-Y3-IN-ENR-6-C-CORE	9/16/2020	5,301	1813.1	475.5	3,012						
			D	LDW-Y3-IN-ENR-1-D-CORE	9/16/2020	2,459	1,096	167.9	1,196	4,115	1,806	305	2,004	51.3	48.7
				LDW-Y3-IN-ENR-2-E-CORE	9/16/2020	4,708	966	278.8	3,464						
				LDW-Y3-IN-ENR-3-D-CORE	9/16/2020	3,895	2,619	265.1	1,011						
				LDW-Y3-IN-ENR-4-D-CORE	9/16/2020	4,208	2,145	327.9	1,735						
				LDW-Y3-IN-ENR-5-D-CORE	9/16/2020	4,523	1,621	387.9	2,515						
				LDW-Y3-IN-ENR-6-D-CORE	9/16/2020	4,895	2,391	399.9	2,104						
			E	LDW-Y3-IN-ENR-4-E-CORE	9/16/2020	4,989	2,101	393.9	2,494	5,056	1,642	362	3,052	39.6	60.4
				LDW-Y3-IN-ENR-6-E-CORE	9/16/2020	5,122	1,183	329.1	3,611						
	ENR+AC	Discrete	A	LDW-Y3-IN-ENR+AC-2-A-CORE	9/16/2020	2,090	1021	49.7	1,019	4,382	1,422	304	2,656	39.4	60.6
				LDW-Y3-IN-ENR+AC-3-E-CORE	9/16/2020	5,045	1,260	269.4	3,515						
				LDW-Y3-IN-ENR+AC-4-A-CORE	9/16/2020	5,088	1,778	398.4	2,912						
				LDW-Y3-IN-ENR+AC-5-A-CORE	9/16/2020	5,145	1,500	455.2	3,189						
				LDW-Y3-IN-ENR+AC-6-A-CORE	9/16/2020	4,543	1,550	349.4	2,643						
			B	LDW-Y3-IN-ENR+AC-1-B-CORE	9/16/2020	4,872	1,476	305.8	3,090	5,042	1,884	369	2,788	44.7	55.3
				LDW-Y3-IN-ENR+AC-2-E-CORE	9/16/2020	5,203	1,503	417.9	3,282						
				LDW-Y3-IN-ENR+AC-3-B-CORE	9/16/2020	5,929	2,564	466.9	2,898						
				LDW-Y3-IN-ENR+AC-4-B-CORE	9/16/2020	4,625	2,235	230.6	2,159						
				LDW-Y3-IN-ENR+AC-5-E-CORE	9/16/2020	4,843	1,722	450.4	2,670						
				LDW-Y3-IN-ENR+AC-6-B-CORE	9/16/2020	4,778	1,807	342.4	2,629						
			C	LDW-Y3-IN-ENR+AC-1-C-CORE	9/16/2020	4,999	1,444	311	3,245	4,678	2,152	378	2,148	54.1	45.9
				LDW-Y3-IN-ENR+AC-2-C-CORE	9/16/2020	2,596	1,579	187.5	829						
				LDW-Y3-IN-ENR+AC-4-C-CORE	9/16/2020	5,337	2,669	494.3	2,175						
				LDW-Y3-IN-ENR+AC-5-D-CORE	9/16/2020	5,006	2728.1	459.8	1,818						
				LDW-Y3-IN-ENR+AC-6-C-CORE	9/16/2020	5,452	2,341	436.8	2,674						
			D	LDW-Y3-IN-ENR+AC-4-D-CORE	9/16/2020	4,977	2,194	398.2	2,385	4,253	1,216	259	2,778	34.7	65.3
				LDW-Y3-IN-ENR+AC-6-D-CORE	9/16/2020	3,529	239	118.8	3,171						
			E	LDW-Y3-IN-ENR+AC-4-E-CORE	9/16/2020	5,175	1,997	555.3	2,623	5,175	1,997	555	2,623	49.3	50.7

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

Plot	Subplot	Sample Type	Composite	Discrete Sample ID	Analyte Sample Date	Total Mass g	Mass on 3/8" Sieve g	Mass on #4 Sieve g	Mass Passing #4 g	Avg Total Mass g	Avg Mass on 3/8" Sieve g	Avg Mass on #4 Sieve g	Avg Mass Passing #4 g	Gravel (> #4 Sieve) %	< #4 Sieve %
Scour	ENR	Discrete	A	LDW-Y3-SC-ENR-1-A-CORE	9/24/2020	5,450	2,940	345.5	2,164	3,915	1,294	217	2,404	38.6	61.4
				LDW-Y3-SC-ENR-2-A-CORE	9/21/2020	3,379	1,254	150.8	1,974						
				LDW-Y3-SC-ENR-3-A-CORE	9/23/2020	3,946	1,004	188.8	2,754						
				LDW-Y3-SC-ENR-4-A-CORE	9/21/2020	3,763	1,138	231.9	2,394						
				LDW-Y3-SC-ENR-5-A-CORE	9/23/2020	4,030	719	190	3,121						
				LDW-Y3-SC-ENR-6-E-CORE	9/22/2020	2,920	710	193	2,017						
			B	LDW-Y3-SC-ENR-1-E-CORE	9/24/2020	5,543	2,993	654.6	1,896	5,035	2,076	397	2,562	49.1	50.9
				LDW-Y3-SC-ENR-2-B-CORE	9/22/2020	4,951	2,208	243.4	2,500						
				LDW-Y3-SC-ENR-3-E-CORE	9/23/2020	5,274	1,988	351.5	2,935						
				LDW-Y3-SC-ENR-4-B-CORE	9/22/2020	4,488	935	305.2	3,248						
				LDW-Y3-SC-ENR-5-B-CORE	9/23/2020	4,916	2,257	428.9	2,230						
			C	LDW-Y3-SC-ENR-1-C-CORE	9/22/2020	4,188	1,193	382.2	2,613	3,686	1,234	258	2,194	40.5	59.5
				LDW-Y3-SC-ENR-2-C-CORE	9/22/2020	4,431	1,924	313.2	2,194						
				LDW-Y3-SC-ENR-3-C-CORE	9/22/2020	3,350	785	221.5	2,343						
				LDW-Y3-SC-ENR-4-C-CORE	9/21/2020	4,023	1,772	257.1	1,994						
				LDW-Y3-SC-ENR-5-C-CORE	9/23/2020	3,436	1,168	230	2,038						
				LDW-Y3-SC-ENR-6-C-CORE	9/22/2020	2,688	561	143.8	1,983						
			D	LDW-Y3-SC-ENR-1-D-CORE	9/24/2020	4,430	1359.1	245.9	2,825	3,705	923	187	2,595	30.0	70.0
				LDW-Y3-SC-ENR-2-D-CORE	9/21/2020	2,240	147	5.9	2,086						
				LDW-Y3-SC-ENR-3-D-CORE	9/23/2020	4,751	1,426	331.6	2,993						
				LDW-Y3-SC-ENR-4-D-CORE	9/23/2020	2,982	396	87.5	2,498						
				LDW-Y3-SC-ENR-5-D-CORE	9/23/2020	3,777	957	152.4	2,668						
				LDW-Y3-SC-ENR-6-D-CORE	9/22/2020	4,050	1,252	299.7	2,498						
			E	LDW-Y3-SC-ENR-2-E-CORE	9/21/2020	5,148	1,960	331.4	2,856	4,372	1,618	269	2,484	43.2	56.8
				LDW-Y3-SC-ENR-5-E-CORE	9/23/2020	3,595	1,276	207.4	2111.7						
	ENR+AC	Discrete	A	LDW-Y3-SC-ENR+AC-1-A-CORE	9/21/2020	4,646	2,724	440.6	1,482	4,589	1,739	387	2,463	46.3	53.7
				LDW-Y3-SC-ENR+AC-2-A-CORE	9/24/2020	4,845	1,473	452.7	2,919						
				LDW-Y3-SC-ENR+AC-3-A-CORE	9/24/2020	4,489	1,550	468.8	2,470						
				LDW-Y3-SC-ENR+AC-4-A-CORE	9/23/2020	4,255	2,048	281.1	1,926						
				LDW-Y3-SC-ENR+AC-5-D-CORE	9/24/2020	4,746	1,586	376	2,785						
				LDW-Y3-SC-ENR+AC-6-A-CORE	9/24/2020	4,552	1,053	300.6	3,198						
			B	LDW-Y3-SC-ENR+AC-1-B-CORE	9/21/2020	4,725	2,205	456.2	2,064	4,355	1,513	313	2,528	41.9	58.1
				LDW-Y3-SC-ENR+AC-2-B-CORE	9/21/2020	3,900	1,207	268.3	2,424						
				LDW-Y3-SC-ENR+AC-3-B-CORE	9/21/2020	4,614	1,837	417.9	2,359						
				LDW-Y3-SC-ENR+AC-4-B-CORE	9/23/2020	5,431	1,864	316.2	3,251						
				LDW-Y3-SC-ENR+AC-5-B-CORE	9/23/2020	2,948	576	44.2	2,328						
				LDW-Y3-SC-ENR+AC-6-B-CORE	9/24/2020	4,510	1,391	375.5	2,744						
			C	LDW-Y3-SC-ENR+AC-1-C-CORE	9/21/2020	3,964	1,850	376.4	1,738	4,861	1,783	389	2,689	44.7	55.3
				LDW-Y3-SC-ENR+AC-2-C-CORE	9/21/2020	5,124	1,485	297.4	3,342						
				LDW-Y3-SC-ENR+AC-3-D-CORE	9/21/2020	5,517	2,423	505.5	2,589						
				LDW-Y3-SC-ENR+AC-4-C-CORE	9/21/2020	5,079	2,312	408.9	2,358						
				LDW-Y3-SC-ENR+AC-5-C-CORE	9/24/2020	5,122	1,639	514.2	2969.1						
				LDW-Y3-SC-ENR+AC-6-C-CORE	9/24/2020	4,360	991	231.2	3,137						
			D	LDW-Y3-SC-ENR+AC-2-D-CORE	9/21/2020	4,727	1,316	254.8	3,156	3,799	1,310	256	2,233	41.2	58.8
				LDW-Y3-SC-ENR+AC-4-D-CORE	9/23/2020	2,871	1,303	256.3	1,311						
			E	LDW-Y3-SC-ENR+AC-1-D-CORE	9/21/2020	5,323	3,189	534.1	1,601	4,583	1,793	329	2,462	46.3	53.7
				LDW-Y3-SC-ENR+AC-2-E-CORE	9/21/2020	4,997	1,521	389.1	3,087						
				LDW-Y3-SC-ENR+AC-3-E-CORE	9/24/2020	5,235	3,022	394.2	1,819						
				LDW-Y3-SC-ENR+AC-4-E-CORE	9/24/2020	4,503	948	225.4	3,330						
				LDW-Y3-SC-ENR+AC-5-E-CORE	9/23/2020	2,779	506	133.5	2,140						
				LDW-Y3-SC-ENR+AC-6-E-CORE	9/24/2020	4,660	1,572	294.9	2,793						

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

Plot	Subplot	Sample Type	Composite	Discrete Sample ID	Analyte Sample Date	Total Mass g	Mass on 3/8" Sieve g	Mass on #4 Sieve g	Mass Passing #4 g	Avg Total Mass g	Avg Mass on 3/8" Sieve g	Avg Mass on #4 Sieve g	Avg Mass Passing #4 g	Gravel (> #4 Sieve) %	< #4 Sieve %
Scour	ENR	Discrete	A-ULM	LDW-Y3-SC-ENR-1-A-CORE	9/24/2020	5,450	2,940	345.5	2,164	5,335	2,278	486	2,571	51.8	48.2
				LDW-Y3-SC-ENR-2-A-ULM	10/8/2020	5,640	3,426	557.2	1,657						
				LDW-Y3-SC-ENR-3-A-ULM	10/8/2020	4,703	1,762	521	2,420						
				LDW-Y3-SC-ENR-4-A-ULM	10/8/2020	5,294	1,485	446	3,363						
				LDW-Y3-SC-ENR-5-A-ULM	10/9/2020	5,308	1,970	552.9	2,786						
				LDW-Y3-SC-ENR-6-E-ULM	10/8/2020	5,616	2,088	491.1	3,037						
			B-ULM	LDW-Y3-SC-ENR-1-E-ULM	10/8/2020	4,910	1,699	592.5	2,619	5,149	2,179	466	2,504	51.4	48.6
				LDW-Y3-SC-ENR-2-B-ULM	10/8/2020	5,228	2,375	493	2,359						
				LDW-Y3-SC-ENR-3-E-ULM	10/8/2020	5,186	2,282	452.9	2,451						
				LDW-Y3-SC-ENR-4-B-ULM	10/8/2020	5,730	1,973	396.7	3,360						
				LDW-Y3-SC-ENR-5-B-ULM	10/8/2020	4,693	2,566	395	1,732						
			C-ULM	LDW-Y3-SC-ENR-1-C-ULM	10/8/2020	5,014	2,574	594.8	1,845	4,534	2,029	424	2,081	54.1	45.9
				LDW-Y3-SC-ENR-2-C-CORE	9/22/2020	4,431	1,924	313.2	2,194						
				LDW-Y3-SC-ENR-3-C-ULM	10/8/2020	4,085	1,975	382.1	1,728						
				LDW-Y3-SC-ENR-4-C-ULM	10/8/2020	5,608	2,277	606.4	2,725						
				LDW-Y3-SC-ENR-5-C-CORE	9/23/2020	3,436	1,168	230	2,038						
				LDW-Y3-SC-ENR-6-C-ULM	10/8/2020	4,629	2,254	415.6	1,959						
			D-ULM	LDW-Y3-SC-ENR-1-D-ULM	10/8/2020	4,933	2969.6	498.4	1,465	4,902	2,339	439	2,124	56.7	43.3
				LDW-Y3-SC-ENR-2-D-ULM	10/8/2020	4,485	3,356	334.2	795						
				LDW-Y3-SC-ENR-3-D-ULM	10/8/2020	5,664	1,971	557.5	3,136						
				LDW-Y3-SC-ENR-4-D-ULM	10/8/2020	4,887	2,105	499.6	2,283						
				LDW-Y3-SC-ENR-5-D-ULM	10/8/2020	5,391	2,380	443.9	2,567						
				LDW-Y3-SC-ENR-6-D-CORE	9/22/2020	4,050	1,252	299.7	2,498						
			E-ULM	LDW-Y3-SC-ENR-2-E-ULM	10/8/2020	4,725	2,205	456.2	2,064	5,090	1,748	544	2,798	45.0	55.0
				LDW-Y3-SC-ENR-5-E-ULM	10/8/2020	5,456	1,291	632.1	3532.9						
	ENR+AC	Discrete	A-ULM	LDW-Y3-SC-ENR+AC-1-A-CORE	9/21/2020	4,646	2,724	440.6	1,482	4,769	1,711	393	2,665	44.1	55.9
				LDW-Y3-SC-ENR+AC-2-A-ULM	10/9/2020	5,765	2,026	562.4	3,176						
				LDW-Y3-SC-ENR+AC-3-A-CORE	9/24/2020	4,489	1,550	468.8	2,470						
				LDW-Y3-SC-ENR+AC-4-A-ULM	10/9/2020	4,416	1,324	210.2	2,881						
				LDW-Y3-SC-ENR+AC-5-D-CORE	9/24/2020	4,746	1,586	376	2,785						
				LDW-Y3-SC-ENR+AC-6-A-CORE	9/24/2020	4,552	1,053	300.6	3,198						
			B-ULM	LDW-Y3-SC-ENR+AC-1-B-CORE	9/21/2020	4,725	2,205	456.2	2,064	4,612	1,927	401	2,284	50.5	49.5
				LDW-Y3-SC-ENR+AC-2-B-ULM	10/9/2020	5,547	1,929	624.8	2,993						
				LDW-Y3-SC-ENR+AC-3-B-CORE	9/21/2020	4,614	1,837	417.9	2,359						
				LDW-Y3-SC-ENR+AC-4-B-ULM	10/9/2020	4,877	2,735	346.1	1,796						
				LDW-Y3-SC-ENR+AC-5-B-CORE	9/23/2020	2,948	576	44.2	2,328						
				LDW-Y3-SC-ENR+AC-6-B-ULM	10/9/2020	4,960	2,281	513.9	2,165						
			C-ULM	LDW-Y3-SC-ENR+AC-1-C-CORE	9/21/2020	3,964	1,850	376.4	1,738	4,811	1,828	403	2,579	46.4	53.6
				LDW-Y3-SC-ENR+AC-2-C-ULM	10/9/2020	4,822	1,755	383.9	2,684						
				LDW-Y3-SC-ENR+AC-3-D-CORE	9/21/2020	5,517	2,423	505.5	2,589						
				LDW-Y3-SC-ENR+AC-4-C-CORE	9/21/2020	5,079	2,312	408.9	2,358						
				LDW-Y3-SC-ENR+AC-5-C-CORE	9/24/2020	5,122	1,639	514.2	2969.1						
				LDW-Y3-SC-ENR+AC-6-C-CORE	9/24/2020	4,360	991	231.2	3,137						
			E-ULM	LDW-Y3-SC-ENR+AC-1-D-CORE	9/21/2020	5,323	3,189	534.1	1,601	4,602	2,028	401	2,173	52.8	47.2
				LDW-Y3-SC-ENR+AC-2-E-CORE	9/21/2020	4,997	1,521	389.1	3,087						
				LDW-Y3-SC-ENR+AC-3-E-CORE	9/24/2020	5,235	3,022	394.2	1,819						
				LDW-Y3-SC-ENR+AC-4-E-ULM	10/9/2020	4,726	2,035	496.3	2,194						
				LDW-Y3-SC-ENR+AC-5-E-CORE	9/23/2020	2,779	506	133.5	2,140						
				LDW-Y3-SC-ENR+AC-6-E-ULM	10/9/2020	4,550	1,893	458.1	2,199						

Notes:

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

Abbreviations:

AC = Activated carbon
BC = black carbon
ENR = Enhanced natural recovery
ENR +AC = Enhanced natural recovery amended with activated carbon
g = gram(s)
ID = Identification
TOC = Total organic carbon

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

					Pre-Analytical Laboratory Submission Sieving to Remove Gravel Fraction		Activated Carbon / Black Carbon (AC/BC)[1]		Total Organic Carbon (TOC)	
Plot	Subplot	Sample Type	Sample ID	Analyte Sample Date	Total Mass g	Mass Passing #4 g	AC/BC without Gravel Fraction %	Corrected AC/BC with Gravel Fraction[2] %	TOC without Gravel Fraction (Average) %	Corrected TOC with Gravel Fraction (Average)[2] %
Subtidal	ENR	Composite of "A" Locations	LDW-Y3-SU-ENR-CA-CORE	7/24/2020	NA	NA	**0.097**	NA	**0.90**	NA
Subtidal	ENR	Composite of "B" Locations	LDW-Y3-SU-ENR-CB-CORE	7/24/2020	NA	NA	**0.19**	NA	**0.68**	NA
Subtidal	ENR	Composite of "C" Locations	LDW-Y3-SU-ENR-CC-CORE	7/24/2020	NA	NA	**0.39**	NA	**0.59**	NA
Subtidal	ENR+AC	Composite of "A" Locations	LDW-Y3-SU-ENR+AC-CA-CORE	7/24/2020	NA	NA	**0.19**	NA	**2.0**	NA
Subtidal	ENR+AC	Composite of "C" Locations	LDW-Y3-SU-ENR+AC-CC-CORE	7/24/2020	NA	NA	**0.46** **0.51** --	NA NA --	**1.8**	NA
Subtidal	ENR+AC	Composite of "D" Locations	LDW-Y3-SU-ENR+AC-CD-CORE	7/24/2020	NA	NA	**0.70**	NA	**2.1 J**	NA
Scour	ENR	Composite of "A" Locations	LDW-Y3-SC-ENR-CA-CORE	10/16/2020	3,915	2,404	0.19	**0.12**	1.2	**0.74**
Scour	ENR	Composite of "C" Locations	LDW-Y3-SC-ENR-CC-CORE	10/16/2020	3,686	2,194	0.16	**0.095**	1.3	**0.77**
Scour	ENR	Composite of "D" Locations	LDW-Y3-SC-ENR-CD-CORE	10/16/2020	3,705	2,595	0.36	**0.25**	1.5	**1.1**
Scour	ENR+AC	Composite of "A" Locations	LDW-Y3-SC-ENR+AC-CA-CORE	10/16/2020	4,589	2,463	2.1	**1.1**	2.4	**1.3**
Scour	ENR+AC	Composite of "B" Locations	LDW-Y3-SC-ENR+AC-CB-CORE	10/16/2020	4,355	2,528	2.0	**1.2**	2.6	**1.5**
Scour	ENR+AC	Composite of "C" Locations	LDW-Y3-SC-ENR+AC-CC-CORE	10/16/2020	4,861	2,689	3.0 J 4.3 J	**1.7** **2.4**	2.6	**1.4**
Scour	ENR	Composite of "A" Underlying Material Locations	LDW-Y3-SC-ENR-CA-ULM	10/16/2020	4,769	2,665	0.076 U	**0.042 U**	0.22	**0.12**
Scour	ENR	Composite of "C" Underlying Material Locations	LDW-Y3-SC-ENR-CC-ULM	10/16/2020	4,612	2,284	0.075 U	**0.037 U**	0.43	**0.21**
Scour	ENR	Composite of "D" Underlying Material Locations	LDW-Y3-SC-ENR-CD-ULM	10/16/2020	4,811	2,579	0.075 U	**0.040 U**	0.30	**0.16**
Scour	ENR+AC	Composite of "A" Underlying Material Locations	LDW-Y3-SC-ENR+AC-CA-ULM	10/16/2020	4,769	2,665	1.7	**0.95**	2.3	**1.3**
Scour	ENR+AC	Composite of "B" Underlying Material Locations	LDW-Y3-SC-ENR+AC-CB-ULM	10/16/2020	4,612	2,284	2.9	**1.4**	1.8	**0.89**
Scour	ENR+AC	Composite of "C" Underlying Material Locations	LDW-Y3-SC-ENR+AC-CC-ULM	10/16/2020	4,811	2,579	3.4 3.7	**1.8** **2.0**	2.8	**1.5**
Scour	ENR	Composite of ENR Plot Surface Silt	LDW-Y3-SC-ENR-SS	8/11/2020	NA	NA	**0.31**	NA	**2.8**	NA
Scour	ENR+AC	Composite of ENR+AC Plot Surface Silt	LDW-Y3-SC-ENR+AC-SS	8/11/2020	NA	NA	**2.2**	NA	**5.0**	NA
Intertidal	ENR	Composite of "B" Locations	LDW-Y3-IN-ENR-CB-CORE	10/1/2020	4,576	2,455	0.076 U	**0.041 U**	0.33	**0.18**
Intertidal	ENR	Composite of "C" Locations	LDW-Y3-IN-ENR-CC-CORE	10/1/2020	4,255	2,532	0.076 U	**0.045 U**	0.44	**0.26**
Intertidal	ENR	Composite of "D" Locations	LDW-Y3-IN-ENR-CD-CORE	10/1/2020	4,115	2,004	0.075 U	**0.037 U**	0.33	**0.16**
Intertidal	ENR+AC	Composite of "A" Locations	LDW-Y3-IN-ENR+AC-CA-CORE	10/1/2020	4,382	2,656	2.6	**1.6**	3.8	**2.3**
Intertidal	ENR+AC	Composite of "B" Locations	LDW-Y3-IN-ENR+AC-CB-CORE	10/1/2020	5,042	2,788	3.2	**1.8**	3.4	**1.9**
Intertidal	ENR+AC	Composite of "C" Locations	LDW-Y3-IN-ENR+AC-CC-CORE	10/1/2020	4,678	2,148	2.0 2.2	**0.92** **1.0**	2.4	**1.1**
Subtidal	ENR	Composite of LBS "A" Locations	LDW-Y3-LBS-SU-ENR-A-CORE	1/22/2021	NA	NA	**0.23**	NA	**0.53**	NA
Subtidal	ENR	Composite of LBS "B" Locations	LDW-Y3-LBS-SU-ENR-B-CORE	1/22/2021	NA	NA	**0.12**	NA	**0.51**	NA
Subtidal	ENR	Composite of LBS "C" Locations	LDW-Y3-LBS-SU-ENR-C-CORE	1/22/2021	NA	NA	**0.25**	NA	**0.35**	NA
Subtidal	ENR+AC	Composite of LBS "A" Locations	LDW-Y3-LBS-SU-ENR+AC-A-CORE	1/22/2021	NA	NA	**0.86** **1.1**	NA NA	**1.6**	NA
Subtidal	ENR+AC	Composite of LBS "B" Locations	LDW-Y3-LBS-SU-ENR+AC-B-CORE	1/22/2021	NA	NA	**0.84**	NA	**1.6**	NA
Subtidal	ENR+AC	Composite of LBS "C" Locations	LDW-Y3-LBS-SU-ENR+AC-C-CORE	1/22/2021	NA	NA	**1.7**	NA	**1.2**	NA

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

					Grain Size[1]						
Plot	Subplot	Sample Type	Sample ID	Analyte Sample Date	Gravel %	Very Coarse Sand %	Coarse Sand %	Medium Sand %	Fine Sand %	Very Fine Sand %	Total Fines %
Subtidal	ENR	Composite of "A" Locations	LDW-Y3-SU-ENR-CA-CORE	7/24/2020	**18.8**	**14.3**	**17.2**	**16.4**	**6.2**	**4.4**	**22.7**
Subtidal	ENR	Composite of "B" Locations	LDW-Y3-SU-ENR-CB-CORE	7/24/2020	**22.4**	**17.7**	**18.7**	**16.8**	**5.9**	**2.3**	**16.2**
Subtidal	ENR	Composite of "C" Locations	LDW-Y3-SU-ENR-CC-CORE	7/24/2020	**23.2**	**19.2**	**19.6**	**16.4**	**5.2**	**3.0**	**13.5**
Subtidal	ENR+AC	Composite of "A" Locations	LDW-Y3-SU-ENR+AC-CA-CORE	7/24/2020	**7.3**	**6.1**	**9.8**	**11.0**	**5.3**	**5.7**	**54.8**
Subtidal	ENR+AC	Composite of "C" Locations	LDW-Y3-SU-ENR+AC-CC-CORE	7/24/2020	**18.3**	**12.3**	**15.5**	**16.8**	**7.6**	**3.7**	**25.9**
					14.6	**13.0**	**15.7**	**17.0**	**7.8**	**3.8**	**28.1**
					18.0	**11.3**	**14.8**	**16.4**	**7.3**	**3.7**	**28.5**
Subtidal	ENR+AC	Composite of "D" Locations	LDW-Y3-SU-ENR+AC-CD-CORE	7/24/2020	**14.8**	**8.8**	**15.3**	**17.2**	**7.6**	**3.6**	**32.7**
Scour	ENR	Composite of "A" Locations	LDW-Y3-SC-ENR-CA-CORE	10/16/2020	25.7	18.8	18.9	12.5	4.8	3.5	15.9
Scour	ENR	Composite of "C" Locations	LDW-Y3-SC-ENR-CC-CORE	10/16/2020	30.1	18.3	16.7	10.4	4.2	6.0	14.3
Scour	ENR	Composite of "D" Locations	LDW-Y3-SC-ENR-CD-CORE	10/16/2020	20.1	14.8	15.3	10.3	4.3	3.3	31.9
Scour	ENR+AC	Composite of "A" Locations	LDW-Y3-SC-ENR+AC-CA-CORE	10/16/2020	28.4	18.8	22.3	13.8	2.9	1.3	12.5
Scour	ENR+AC	Composite of "B" Locations	LDW-Y3-SC-ENR+AC-CB-CORE	10/16/2020	32.8	17.5	19.5	11.3	2.6	1.5	14.8
					30.9	20.2	20.2	11.6	3.3	1.9	12.0
					32.0	19.1	20.6	11.7	3.1	1.9	11.7
Scour	ENR+AC	Composite of "C" Locations	LDW-Y3-SC-ENR+AC-CC-CORE	10/16/2020	37.5	20.6	18.4	10.3	2.5	0.9	9.8
Scour	ENR	Composite of "A" Underlying Material L	LDW-Y3-SC-ENR-CA-ULM	10/16/2020	32.8	24.4	23.3	13.5	2.7	0.5	2.7
Scour	ENR	Composite of "C" Underlying Material L	LDW-Y3-SC-ENR-CC-ULM	10/16/2020	44.0	22.9	18.2	8.5	1.6	0.7	4.2
Scour	ENR	Composite of "D" Underlying Material L	LDW-Y3-SC-ENR-CD-ULM	10/16/2020	49.7	22.0	14.9	6.7	2.0	0.7	4.0
Scour	ENR+AC	Composite of "A" Underlying Material L	LDW-Y3-SC-ENR+AC-CA-ULM	10/16/2020	42.9	18.0	18.1	10.6	2.3	1.1	7.0
Scour	ENR+AC	Composite of "B" Underlying Material L	LDW-Y3-SC-ENR+AC-CB-ULM	10/16/2020	38.9	22.9	22.0	10.6	1.7	0.5	3.4
					41.6	23.6	20.0	9.3	1.8	0.5	3.2
					42.3	21.4	20.6	10.1	1.7	0.5	3.3
Scour	ENR+AC	Composite of "C" Underlying Material L	LDW-Y3-SC-ENR+AC-CC-ULM	10/16/2020	37.2	21.4	19.8	11.7	2.9	1.0	6.0
Scour	ENR	Composite of ENR Plot Surface Silt	LDW-Y3-SC-ENR-SS	8/11/2020	**7.9**	**3.8**	**5.3**	**4.7**	**3.1**	**4.6**	**70.6**
Scour	ENR+AC	Composite of ENR+AC Plot Surface Si	LDW-Y3-SC-ENR+AC-SS	8/11/2020	**28.6**	**4.4**	**7.1**	**6.8**	**4.1**	**3.3**	**45.7**
Intertidal	ENR	Composite of "B" Locations	LDW-Y3-IN-ENR-CB-CORE	10/1/2020	33.2	22.4	22.0	13.8	3.1	1.6	4.0
Intertidal	ENR	Composite of "C" Locations	LDW-Y3-IN-ENR-CC-CORE	10/1/2020	31.3	19.9	21.1	13.7	3.4	2.2	8.4
Intertidal	ENR	Composite of "D" Locations	LDW-Y3-IN-ENR-CD-CORE	10/1/2020	39.4	19.3	19.0	13.0	3.3	1.4	4.6
					35.9	21.7	19.0	13.3	3.6	1.7	4.7
					38.4	20.1	19.4	13.1	3.3	1.4	4.3
Intertidal	ENR+AC	Composite of "A" Locations	LDW-Y3-IN-ENR+AC-CA-CORE	10/1/2020	28.8	18.3	23.1	16.8	4.9	3.1	5.0
Intertidal	ENR+AC	Composite of "B" Locations	LDW-Y3-IN-ENR+AC-CB-CORE	10/1/2020	33.2	16.6	20.8	14.0	5.2	3.8	6.4
Intertidal	ENR+AC	Composite of "C" Locations	LDW-Y3-IN-ENR+AC-CC-CORE	10/1/2020	36.6	20.8	21.4	12.9	3.0	1.6	3.6
Intertidal	ENR+AC	Composite of "C" Locations	LDW-Y3-IN-ENR+AC-CC-CORE	10/1/2020							
Subtidal	ENR	Composite of LBS "A" Locations	LDW-Y3-LBS-SU-ENR-A-CORE	1/22/2021	**22.1**	**20.3**	**18.9**	**16.9**	**6.8**	**1.9**	**13.1**
Subtidal	ENR	Composite of LBS "B" Locations	LDW-Y3-LBS-SU-ENR-B-CORE	1/22/2021	**26.3**	**19.9**	**16.5**	**12.8**	**4.7**	**3.3**	**16.5**
Subtidal	ENR	Composite of LBS "C" Locations	LDW-Y3-LBS-SU-ENR-C-CORE	1/22/2021	**21.9**	**14.3**	**13.9**	**11.6**	**7.8**	**4.3**	**26.2**
					25.2	**13.7**	**13.7**	**12.4**	**5.6**	**3.7**	**25.7**
					23.7	**13.8**	**14.0**	**12.5**	**5.2**	**4.1**	**26.6**
Subtidal	ENR+AC	Composite of LBS "A" Locations	LDW-Y3-LBS-SU-ENR+AC-A-CORE	1/22/2021	**24.2**	**21.6**	**19.7**	**17.6**	**6.8**	**2.7**	**7.3**
Subtidal											
Subtidal	ENR+AC	Composite of LBS "B" Locations	LDW-Y3-LBS-SU-ENR+AC-B-CORE	1/22/2021	**20.1**	**13.9**	**17.8**	**17.4**	**6.9**	**2.8**	**21.1**
Subtidal	ENR+AC	Composite of LBS "C" Locations	LDW-Y3-LBS-SU-ENR+AC-C-CORE	1/22/2021	**26.0**	**16.9**	**16.8**	**16.0**	**7.8**	**3.0**	**13.6**

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

					Corrected Grain Size with Gravel Fraction[1]						
Plot	Subplot	Sample Type	Sample ID	Analyte Sample Date	Gravel %	Very Coarse Sand %	Coarse Sand %	Medium Sand %	Fine Sand %	Very Fine Sand %	Total Fines %
Subtidal	ENR	Composite of "A" Locations	LDW-Y3-SU-ENR-CA-CORE	7/24/2020	NA	NA	NA	NA	NA	NA	NA
Subtidal	ENR	Composite of "B" Locations	LDW-Y3-SU-ENR-CB-CORE	7/24/2020	NA	NA	NA	NA	NA	NA	NA
Subtidal	ENR	Composite of "C" Locations	LDW-Y3-SU-ENR-CC-CORE	7/24/2020	NA	NA	NA	NA	NA	NA	NA
Subtidal	ENR+AC	Composite of "A" Locations	LDW-Y3-SU-ENR+AC-CA-CORE	7/24/2020	NA	NA	NA	NA	NA	NA	NA
Subtidal	ENR+AC	Composite of "C" Locations	LDW-Y3-SU-ENR+AC-CC-CORE	7/24/2020	NA	NA	NA	NA	NA	NA	NA
					NA	NA	NA	NA	NA	NA	NA
					NA	NA	NA	NA	NA	NA	NA
Subtidal	ENR+AC	Composite of "D" Locations	LDW-Y3-SU-ENR+AC-CD-CORE	7/24/2020	NA	NA	NA	NA	NA	NA	NA
Scour	ENR	Composite of "A" Locations	LDW-Y3-SC-ENR-CA-CORE	10/16/2020	**54.4**	**11.5**	**11.6**	**7.7**	**2.9**	**2.1**	**9.8**
Scour	ENR	Composite of "C" Locations	LDW-Y3-SC-ENR-CC-CORE	10/16/2020	**58.4**	**10.9**	**9.9**	**6.2**	**2.5**	**3.6**	**8.5**
Scour	ENR	Composite of "D" Locations	LDW-Y3-SC-ENR-CD-CORE	10/16/2020	**44.0**	**10.4**	**10.7**	**7.2**	**3.0**	**2.3**	**22.3**
Scour	ENR+AC	Composite of "A" Locations	LDW-Y3-SC-ENR+AC-CA-CORE	10/16/2020	**61.6**	**10.1**	**12.0**	**7.4**	**1.6**	**0.7**	**6.7**
Scour	ENR+AC	Composite of "B" Locations	LDW-Y3-SC-ENR+AC-CB-CORE	10/16/2020	**61.0**	**10.2**	**11.3**	**6.6**	**1.5**	**0.9**	**8.6**
					59.9	**11.7**	**11.7**	**6.7**	**1.9**	**1.1**	**7.0**
					60.5	**11.1**	**12.0**	**6.8**	**1.8**	**1.1**	**6.8**
Scour	ENR+AC	Composite of "C" Locations	LDW-Y3-SC-ENR+AC-CC-CORE	10/16/2020	**54.4**	**11.4**	**10.2**	**5.7**	**1.4**	**0.5**	**5.4**
Scour	ENR	Composite of "A" Underlying Material L	LDW-Y3-SC-ENR-CA-ULM	10/16/2020	**62.4**	**13.6**	**13.0**	**7.5**	**1.5**	**0.3**	**1.5**
Scour	ENR	Composite of "C" Underlying Material L	LDW-Y3-SC-ENR-CC-ULM	10/16/2020	**72.3**	**11.3**	**9.0**	**4.2**	**0.8**	**0.3**	**2.1**
Scour	ENR	Composite of "D" Underlying Material L	LDW-Y3-SC-ENR-CD-ULM	10/16/2020	**73.0**	**11.8**	**8.0**	**3.6**	**1.1**	**0.4**	**2.1**
Scour	ENR+AC	Composite of "A" Underlying Material L	LDW-Y3-SC-ENR+AC-CA-ULM	10/16/2020	**68.1**	**10.1**	**10.1**	**5.9**	**1.3**	**0.6**	**3.9**
Scour	ENR+AC	Composite of "B" Underlying Material L	LDW-Y3-SC-ENR+AC-CB-ULM	10/16/2020	**69.7**	**11.3**	**10.9**	**5.3**	**0.8**	**0.2**	**1.7**
					71.1	**11.7**	**9.9**	**4.6**	**0.9**	**0.2**	**1.6**
					71.4	**10.6**	**10.2**	**5.0**	**0.8**	**0.2**	**1.6**
Scour	ENR+AC	Composite of "C" Underlying Material L	LDW-Y3-SC-ENR+AC-CC-ULM	10/16/2020	**54.4**	**11.5**	**10.6**	**6.3**	**1.6**	**0.5**	**3.2**
Scour	ENR	Composite of ENR Plot Surface Silt	LDW-Y3-SC-ENR-SS	8/11/2020	NA	NA	NA	NA	NA	NA	NA
Scour	ENR+AC	Composite of ENR+AC Plot Surface Si	LDW-Y3-SC-ENR+AC-SS	8/11/2020	NA	NA	NA	NA	NA	NA	NA
Intertidal	ENR	Composite of "B" Locations	LDW-Y3-IN-ENR-CB-CORE	10/1/2020	**64.2**	**12.0**	**11.8**	**7.4**	**1.7**	**0.9**	**2.1**
Intertidal	ENR	Composite of "C" Locations	LDW-Y3-IN-ENR-CC-CORE	10/1/2020	**59.1**	**11.8**	**12.6**	**8.2**	**2.0**	**1.3**	**5.0**
Intertidal	ENR	Composite of "D" Locations	LDW-Y3-IN-ENR-CD-CORE	10/1/2020	**70.5**	**9.4**	**9.3**	**6.3**	**1.6**	**0.7**	**2.2**
					68.8	**10.6**	**9.3**	**6.5**	**1.8**	**0.8**	**2.3**
					70.0	**9.8**	**9.4**	**6.4**	**1.6**	**0.7**	**2.1**
Intertidal	ENR+AC	Composite of "A" Locations	LDW-Y3-IN-ENR+AC-CA-CORE	10/1/2020	**56.8**	**11.1**	**14.0**	**10.2**	**3.0**	**1.9**	**3.0**
Intertidal	ENR+AC	Composite of "B" Locations	LDW-Y3-IN-ENR+AC-CB-CORE	10/1/2020	**63.1**	**9.2**	**11.5**	**7.7**	**2.9**	**2.1**	**3.5**
Intertidal	ENR+AC	Composite of "C" Locations	LDW-Y3-IN-ENR+AC-CC-CORE	10/1/2020	**54.4**	**9.6**	**9.8**	**5.9**	**1.4**	**0.7**	**1.7**
Intertidal	ENR+AC	Composite of "C" Locations	LDW-Y3-IN-ENR+AC-CC-CORE	10/1/2020							
Subtidal	ENR	Composite of LBS "A" Locations	LDW-Y3-LBS-SU-ENR-A-CORE	1/22/2021	NA	NA	NA	NA	NA	NA	NA
Subtidal	ENR	Composite of LBS "B" Locations	LDW-Y3-LBS-SU-ENR-B-CORE	1/22/2021	NA	NA	NA	NA	NA	NA	NA
Subtidal	ENR	Composite of LBS "C" Locations	LDW-Y3-LBS-SU-ENR-C-CORE	1/22/2021	NA	NA	NA	NA	NA	NA	NA
Subtidal	ENR+AC	Composite of LBS "A" Locations	LDW-Y3-LBS-SU-ENR+AC-A-CORE	1/22/2021	NA	NA	NA	NA	NA	NA	NA
Subtidal											
Subtidal	ENR+AC	Composite of LBS "B" Locations	LDW-Y3-LBS-SU-ENR+AC-B-CORE	1/22/2021	NA	NA	NA	NA	NA	NA	NA
Subtidal	ENR+AC	Composite of LBS "C" Locations	LDW-Y3-LBS-SU-ENR+AC-C-CORE	1/22/2021	NA	NA	NA	NA	NA	NA	NA

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

					Corrected Grain Size with Gravel Fraction[1]						
Plot	Subplot	Sample Type	Sample ID	Analyte Sample Date	Gravel %	Very Coarse Sand %	Coarse Sand %	Medium Sand %	Fine Sand %	Very Fine Sand %	Total Fines %

Notes:
1. In cases where AC/BC lab replicates were run, samples have two rows of results. In cases where grain size lab replicates were run, samples have three rows of results.
2. Samples collected from the intertidal and scour plots were sieved with a #4 sieve prior to analysis to remove the gravel fraction as the ENR substrate for those plots is gravelly sand. Samples from the subtidal plots were not sieved with a #4 sieve prior to analysis as the ENR substrate for that plot was sand only. AC/BC, TOC, and grain size results were corrected to account for the mass of material removed by the #4 sieve (the gravel fraction). Reportable results for AC/BC, TOC, and grain size are bolded/shaded.
Bolded/shaded values are the reportable value for AC/BC, TOC, and grain size. Subtidal samples were not sieved, and thus did not need the correction that the scour and intertidal samples needed to include the gravel fraction removed prior to analysis.

Abbreviations:
AC = Activated carbon
BC = black carbon
ENR = Enhanced natural recovery
ENR+AC = Enhanced natural recovery amended with activated carbon
ID = Identification
g = gram(s)
LBS = Laboratory bioaccumulation study
NA = Not applicable
TOC = Total organic carbon

Table 7
Analytical Results for PCB Congeners in Bulk Sediment[1]

	SampID	LDW-Y3-SU-ENR-CA-CORE	LDW-Y3-SU-ENR-CB-CORE	LDW-Y3-SU-ENR-CC-CORE	LDW-Y3-SU-ENR+AC-CA-CORE	LDW-Y3-SU-ENR+AC-CC-CORE	LDW-Y3-SU-ENR+AC-CD-CORE	LDW-Y3-SC-ENR-CA-CORE	LDW-Y3-SC-ENR-CC-CORE	LDW-Y3-SC-ENR-CD-CORE
	UseDate	7/24/2020	7/24/2020	7/24/2020	7/24/2020	7/24/2020	7/24/2020	10/16/2020	10/16/2020	10/16/2020
	Plot	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Scour	Scour	Scour
	SubPlot	ENR	ENR	ENR	ENR+AC	ENR+AC	ENR+AC	ENR	ENR	ENR
Polychlorinated Biphenyls (PCBs)										
PCBs (Total, Congeners)	pg/g	3790	31700	7220	52700	13800	11400	46900	50700	59800
PCB-001	pg/g	4.16	31.8	3.46	68.4	5.74	9.03	13.1	14.3	20.5
PCB-002	pg/g	0.607 J	3.9	0.603 J	6.7	0.838 J	1.16 J	3.68	3.76	5.77
PCB-003	pg/g	3.16	27	2.36	72.4	3.48	6.08	13.1	13.7	18.4
PCB-004	pg/g	9.94	65.9	36.8	125	49.3	42.7	70.0	83.3	123
PCB-005	pg/g	0.703 U	0.788 U	0.951 U	0.809 U	1.27 U	0.7 U	0.511 U	0.905 U	1.09 U
PCB-006	pg/g	9.5	75.5	31.6	138	51.3	30.8	71.8	85.7	106
PCB-007	pg/g	1.73 J	14	7.48	34	9.38	6.61	12.3	13.7	20.0
PCB-008	pg/g	31.4	252	142	502	173	105	312	349	483
PCB-009	pg/g	1.87 J	14.5	6.52	25	8.57	5.38	12.0	13.6	17.9
PCB-010	pg/g	0.722 U	4.97	2.37	7.89	4.42	2.54	4.32	6.55	7.35
PCB-011	pg/g	2.43	8.37	16.3	10.2	4.8	3.63	19.2	22.6	25.0
PCB-012	pg/g	1.91 J	13.7	5.98	37.5	12.4	5.77	18.8	17.7	25.2
PCB-013	pg/g	2.15	16.4	4.66	22.4	4.41	3.71	17.1	26.2	23.4
PCB-014	pg/g	0.701 U	0.785 U	0.948 U	0.806 U	1.26 U	0.698 U	0.488 U	0.875 U	1.05 U
PCB-015	pg/g	16.8	142	60.3	235	91.1	44.1	216	239	304
PCB-016	pg/g	19	108	44.4	258	108	45	158	220	249
PCB-017	pg/g	25.3	168	85.1	381	161	70.1	221	285	363
PCB-018	pg/g	51.8	340	169	787	333	163	497	643	833
PCB-019	pg/g	4.71	28	15	62	32.6	14	41.6	51.8	70.7
PCB-020	pg/g	43.9 C	311 C	159 C	629 C	236 C	104 C	530 C	536 C	742 C
PCB-021	pg/g	C020	C020	C020	C020	C020	C020	C020	C020	C020
PCB-022	pg/g	24	176	84.1	325	121	56.9	292	278	403
PCB-023	pg/g	0.384 U	0.825 J	0.563 U	1.25 J	1.01 U	0.434 U	1.14 J	0.607 U	1.51
PCB-024	pg/g	2.48	16.9	8.83	37.7	15.6	7.78	26.1	37.0	45.8
PCB-025	pg/g	11.7	84.9	27.6	144	51.9	24.4	99.5	100	140
PCB-026	pg/g	16.9	136	42.7	237	84.4	36.3	166	166	236
PCB-027	pg/g	2.08	15.5	6.47	34	15.2	5.94	26.5	30.8	39.0
PCB-028	pg/g	76.6	523	247	1110	358	159	946	786	1110
PCB-029	pg/g	0.387 U	3.86	2.36	7.35	2.96	1.48 J	6.20	5.89	8.96
PCB-030	pg/g	0.719 U	0.677 U	0.879 U	0.704 U	1.14 U	0.606 U	0.688 U	0.816 U	1.09 U
PCB-031	pg/g	60.4	505	183	972	322	159	669	851	1200
PCB-032	pg/g	13.7	119	66.2	254	116	52.9	182	221	302
PCB-033	pg/g	C020	C020	C020	C020	C020	C020	C020	C020	C020
PCB-034	pg/g	0.435 U	5.22	2.15	12.1	4.16	1.75 J	4.89	4.41	6.39
PCB-035	pg/g	0.402 U	0.58 U	4.55	19.9	5.87	3.23	19.2	17.4	22.8
PCB-036	pg/g	0.392 U	0.566 U	0.576 U	0.491 U	1.03 U	0.444 U	0.528 U	0.649 U	0.805 U
PCB-037	pg/g	22	157	66.9	280	101	59.2	311	351	422
PCB-038	pg/g	0.37 U	4.28	1.6 J	8.86	3.6	2.19	5.21	7.08	0.847 U
PCB-039	pg/g	0.387 U	0.558 U	0.568 U	0.484 U	1.02 U	0.438 U	0.514 U	0.661 U	0.819 U
PCB-040	pg/g	13.3	74.1	31.4	139	76.9	36	136	146	162
PCB-041	pg/g	69.5 C	430 C	146 C	747 C	335 C	180 C	645 C	869 C	903 C
PCB-042	pg/g	30.5 C	191 C	62.3 C	363 C	151 C	82.9 C	285 C	391 C	429 C
PCB-043	pg/g	98.6 C	617 C	154 C	1150 C	366 C	223 C	712 C	952 C	1120 C
PCB-044	pg/g	78.2	531	162	1030	373	232	737	970	1110
PCB-045	pg/g	10.2	68.8	25.3	146	64.7	29.2	112	140	182
PCB-046	pg/g	4.68	27.8	9.21	58.6	26.6	12.4	44.5	56.4	71.4

Table 7
Analytical Results for PCB Congeners in Bulk Sediment[1]

	SampID	LDW-Y3-SU-ENR-CA-CORE	LDW-Y3-SU-ENR-CB-CORE	LDW-Y3-SU-ENR-CC-CORE	LDW-Y3-SU-ENR+AC-CA-CORE	LDW-Y3-SU-ENR+AC-CC-CORE	LDW-Y3-SU-ENR+AC-CD-CORE	LDW-Y3-SC-ENR-CA-CORE	LDW-Y3-SC-ENR-CC-CORE	LDW-Y3-SC-ENR-CD-CORE
	UseDate	7/24/2020	7/24/2020	7/24/2020	7/24/2020	7/24/2020	7/24/2020	10/16/2020	10/16/2020	10/16/2020
	Plot	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Scour	Scour	Scour
	SubPlot	ENR	ENR	ENR	ENR+AC	ENR+AC	ENR+AC	ENR	ENR	ENR
Polychlorinated Biphenyls (PCBs)										
PCBs (Total, Congeners)	pg/g	3790	31700	7220	52700	13800	11400	46900	50700	59800
PCB-047	pg/g	33.7	200	53.8	391	129	74	299	355	412
PCB-048	pg/g	16.4 C	103 C	36.3 C	192 C	90.7 C	45.2 C	138 C	195 C	232 C
PCB-049	pg/g	C043	C043	C043	C043	C043	C043	C043	C043	C043
PCB-050	pg/g	0.7 U	2.01	0.971 U	4.96	2.05	1 J	2.78	3.47	4.53
PCB-051	pg/g	3.86	26.1	8.97	48.1	20.2	10.5	41.5	48.0	63.8
PCB-052	pg/g	122 C	899 C	224 C	1700 C	506 C	350 C	1060 C	1290 C	1580 C
PCB-053	pg/g	12	79.1	23.7	156	64.9	32.3	120	138	176
PCB-054	pg/g	0.581 U	1.53 J	0.806 U	2.67	1.42 J	0.827 J	2.32	2.96	3.45
PCB-055	pg/g	2.53	15.4	5.3	23.2	9.38	7.02	20.6	32.2	35.2
PCB-056	pg/g	52.2 C	376 C	126 C	657 C	264 C	164 C	639 C	691 C	861 C
PCB-057	pg/g	1.13 J	5.72	1.56 J	6.51	3.81	1.8 J	6.75	9.76	10.9
PCB-058	pg/g	1.05 J	3.93	1.11 J	7.56	3.26	1.35 J	2.91	4.17	5.25
PCB-059	pg/g	C042	C042	C042	C042	C042	C042	C042	C042	C042
PCB-060	pg/g	C056	C056	C056	C056	C056	C056	C056	C056	C056
PCB-061	pg/g	106 C	844 C	231 C	1550 C	453 C	325 C	1280 C	1610 C	1870 C
PCB-062	pg/g	0.574 U	0.648 U	0.796 U	0.438 U	0.942 U	0.476 U	0.508 U	0.839 U	0.974 U
PCB-063	pg/g	4.54	30.1	7.81	53.7	17.5	11	38.8	52.4	58.3
PCB-064	pg/g	C041	C041	C041	C041	C041	C041	C041	C041	C041
PCB-065	pg/g	0.574 U	0.648 U	0.796 U	0.438 U	0.943 U	0.476 U	0.510 U	0.863 U	1.00 U
PCB-066	pg/g	90.1 C	659 C	184 C	1200 C	410 C	247 C	995 C	1330 C	1530 C
PCB-067	pg/g	3.75	26.3	6.62	44.8	15.4	8.6	37.8	47.5	55.1
PCB-068	pg/g	2.49	8.61	2.14	13.7	6.28	2.67	6.26	8.04	6.93
PCB-069	pg/g	C052	C052	C052	C052	C052	C052	C052	C052	C052
PCB-070	pg/g	C061	C061	C061	C061	C061	C061	C061	C061	C061
PCB-071	pg/g	C041	C041	C041	C041	C041	C041	C041	C041	C041
PCB-072	pg/g	C041	C041	C041	C041	C041	C041	C041	C041	C041
PCB-073	pg/g	1.44 J	9.6	2.11	13.4	7.17	2.92	12.7	10.9	14.5
PCB-074	pg/g	40.9	315	93	553	187	121	504	649	735
PCB-075	pg/g	C048	C048	C048	C048	C048	C048	C048	C048	C048
PCB-076	pg/g	C066	C066	C066	C066	C066	C066	C066	C066	C066
PCB-077	pg/g	8.78	60.5	18.1	104	38.7	23	123	132	158
PCB-078	pg/g	0.675 U	0.683 U	0.827 U	0.473 U	0.974 U	0.549 U	0.392 U	0.655 U	0.721 U
PCB-079	pg/g	3.06	17.4	4.1	32.8	9.41	7.81	15.9	20.0	22.5
PCB-080	pg/g	0.995 J	0.537 U	2.12	4.24	9.21	1.14 J	0.368 U	0.685 U	0.798 U
PCB-081	pg/g	2.78	19.6	5.83	34.2	11.5	9.25	30.0	32.0	35.8
PCB-082	pg/g	17	129	31.4	223	68	54.4	212	213	238
PCB-083	pg/g	10.2 C	61 C	14 C	110 C	30.4 C	25.6 C	76.8 C	79.2 C	88.9 C
PCB-084	pg/g	87.7 C	592 C	125 C	1050 C	267 C	236 C	632 C	696 C	798 C
PCB-085	pg/g	21.7 C	175 C	42.4 C	291 C	84.8 C	70.5 C	273 C	273 C	299 C
PCB-086	pg/g	1.25 U	0.951 U	1.28 U	1.04 U	6.85	1.02 U	1.14 U	0.845 U	0.946 U
PCB-087	pg/g	47.6 C	395 C	105 C	705 C	189 C	172 C	626 C	673 C	763 C
PCB-088	pg/g	25.4 C	193 C	42.4 C	379 C	89.4 C	77.7 C	262 C	273 C	342 C
PCB-089	pg/g	2.23	12.4	4.12	20	11.8	6.21	18.1	17.6	22.8
PCB-090	pg/g	198 C	1460 C	303 C	2620 C	600 C	570 C	1790 C	1900 C	2190 C
PCB-091	pg/g	C088	C088	C088	C088	C088	C088	C088	C088	C088
PCB-092	pg/g	C084	C084	C084	C084	C084	C084	C084	C084	C084
PCB-093	pg/g	0.723 U	0.76 U	0.911 U	0.977 U	0.996 U	0.563 U	0.841 U	0.863 U	1.13 U

Table 7
Analytical Results for PCB Congeners in Bulk Sediment[1]

	SampID	LDW-Y3-SU-ENR-CA-CORE	LDW-Y3-SU-ENR-CB-CORE	LDW-Y3-SU-ENR-CC-CORE	LDW-Y3-SU-ENR+AC-CA-CORE	LDW-Y3-SU-ENR+AC-CC-CORE	LDW-Y3-SU-ENR+AC-CD-CORE	LDW-Y3-SC-ENR-CA-CORE	LDW-Y3-SC-ENR-CC-CORE	LDW-Y3-SC-ENR-CD-CORE
	UseDate	7/24/2020	7/24/2020	7/24/2020	7/24/2020	7/24/2020	7/24/2020	10/16/2020	10/16/2020	10/16/2020
	Plot	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Scour	Scour	Scour
	SubPlot	ENR	ENR	ENR	ENR+AC	ENR+AC	ENR+AC	ENR	ENR	ENR
Polychlorinated Biphenyls (PCBs)										
PCBs (Total, Congeners)	pg/g	3790	31700	7220	52700	13800	11400	46900	50700	59800
PCB-094	pg/g	0.715 U	7.15	2.2	12.9	3.87	3.02	10.1	11.4	13.7
PCB-095	pg/g	129	1080	222	2160	449	428	1480	1520	1880
PCB-096	pg/g	1.29 J	7.3	2.21	13	6.36	3.59	12.8	10.8	12.8
PCB-097	pg/g	59	395	91.8	741	190	167	543	569	660
PCB-098	pg/g	0.723 UC	0.761 UC	0.911 UC	0.977 UC	0.996 UC	0.563 UC	0.872 UC	0.863 UC	1.13 UC
PCB-099	pg/g	98.9	660	126	1130	272	245	725	786	903
PCB-100	pg/g	1.56 J	11	1.66 J	16	3.16	3.5	17.3	17.7	23.1
PCB-101	pg/g	C090	C090	C090	C090	C090	C090	C090	C090	C090
PCB-102	pg/g	U,C098	U,C098	U,C098	U,C098	U,C098	U,C098	U,C098	U,C098	U,C098
PCB-103	pg/g	4.09	28.3	3.88	42.7	7.72	9.79	27.9	30.8	38.5
PCB-104	pg/g	0.502 U	0.528 U	0.633 U	0.679 U	0.692 U	0.391 U	0.639 U	0.592 U	0.777 U
PCB-105	pg/g	42.5	395	96.9	686	176	163	688	696	840
PCB-106	pg/g	145 C	1130 C	238 C	2150 C	451 C	430 C	1710 C	1720 C	2080 C
PCB-107	pg/g	14.1 C	103 C	18.9 C	183 C	41.3 C	36.4 C	131 C	132 C	158 C
PCB-108	pg/g	C107	C107	C107	C107	C107	C107	C107	C107	C107
PCB-109	pg/g	0.84 U	0.638 U	0.862 U	0.696 U	1.37 U	0.683 U	0.780 U	0.619 U	0.693 U
PCB-110	pg/g	180	1280	277	2320	555	520	1930	1860	2090
PCB-111	pg/g	3.39 C	16.8 C	5.36 C	32.9 C	12.5 C	10.1 C	35.4 C	28.6 C	49.7 C
PCB-112	pg/g	C083	C083	C083	C083	C083	C083	C083	C083	C083
PCB-113	pg/g	0.868 U	0.659 U	0.89 U	0.719 U	1.41 U	0.706 U	0.860 U	0.667 U	0.749 U
PCB-114	pg/g	2.95	24.2	6.48	44.7	13.7	10.1	39.0	40.3	47.2
PCB-115	pg/g	C111	C111	C111	C111	C111	C111	C111	C111	C111
PCB-116	pg/g	C085	C085	C085	C085	C085	C085	C085	C085	C085
PCB-117	pg/g	C087	C087	C087	C087	C087	C087	C087	C087	C087
PCB-118	pg/g	C106	C106	C106	C106	C106	C106	C106	C106	C106
PCB-119	pg/g	9	51.7	6.42	78.4	17.7	16.6	44.2	54.2	58.9
PCB-120	pg/g	1.57 J	0.574 U	0.775 U	0.626 U	3.08	2.01	6.04	0.564 U	0.632 U
PCB-121	pg/g	0.537 U	0.565 U	0.677 U	0.726 U	0.74 U	0.418 U	0.663 U	0.691 U	0.903 U
PCB-122	pg/g	1.88 J	13.1	3.22	21	7.35	5.7	20.6	21.2	24.2
PCB-123	pg/g	2.47	19.8	5.38	35.8	11.6	8.62	32.9	35.0	40.5
PCB-124	pg/g	5.03	43.3	11.5	80.2	20.8	19.2	74.9	75.6	91.0
PCB-125	pg/g	C087	C087	C087	C087	C087	C087	C087	C087	C087
PCB-126	pg/g	0.774 U	4.29	1.38 J	8.45	2.75	1.9 J	10.1	10.4	12.3
PCB-127	pg/g	0.694 U	1.43 J	0.878 U	0.663 U	1.04 U	0.713 U	0.657 U	0.947 U	1.04 U
PCB-128	pg/g	27.2 C	237 C	49.9 C	420 C	87.6 C	89.1 C	407 C	413 C	481 C
PCB-129	pg/g	7.03	61.7	16.3	121	26.8	26.9	115	116	135
PCB-130	pg/g	12.4	118	21.6	175	35.5	39	163	197	233
PCB-131	pg/g	7.45 C	63 C	11.3 C	92 C	18.5 C	20.6 C	86.0 C	79.2 C	101 C
PCB-132	pg/g	57.1 C	471 C	83.5 C	830 C	165 C	173 C	675 C	708 C	819 C
PCB-133	pg/g	C131	C131	C131	C131	C131	C131	C131	C131	C131
PCB-134	pg/g	11 C	92.8 C	19.3 C	155 C	32.2 C	33.7 C	144 C	143 C	165 C
PCB-135	pg/g	28	246	42.4	375	71.9	84.7	317	323	396
PCB-136	pg/g	29.2	265	45.2	405	83.7	91.3	402	365	422
PCB-137	pg/g	7.62	60.7	13.1	129	26.3	25.9	133	102	120
PCB-138	pg/g	180 C	1700 C	320 C	2720 C	541 C	581 C	2760 C	2830 C	3380 C
PCB-139	pg/g	156 C	1450 C	242 C	2110 C	427 C	460 C	2140 C	2220 C	2630 C
PCB-140	pg/g	3.68	18.8	3.54	0.882 U	6.1	6.36	18.8	19.1	22.6

Table 7
Analytical Results for PCB Congeners in Bulk Sediment[1]

	SampID	LDW-Y3-SU-ENR-CA-CORE	LDW-Y3-SU-ENR-CB-CORE	LDW-Y3-SU-ENR-CC-CORE	LDW-Y3-SU-ENR+AC-CA-CORE	LDW-Y3-SU-ENR+AC-CC-CORE	LDW-Y3-SU-ENR+AC-CD-CORE	LDW-Y3-SC-ENR-CA-CORE	LDW-Y3-SC-ENR-CC-CORE	LDW-Y3-SC-ENR-CD-CORE
	UseDate	7/24/2020	7/24/2020	7/24/2020	7/24/2020	7/24/2020	7/24/2020	10/16/2020	10/16/2020	10/16/2020
	Plot	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Scour	Scour	Scour
	SubPlot	ENR	ENR	ENR	ENR+AC	ENR+AC	ENR+AC	ENR	ENR	ENR
Polychlorinated Biphenyls (PCBs)										
PCBs (Total, Congeners)	pg/g	3790	31700	7220	52700	13800	11400	46900	50700	59800
PCB-141	pg/g	29.8	276	58.6	452	96.6	96.3	469	460	554
PCB-142	pg/g	0.87 U	0.936 U	1.24 U	1.05 U	1.32 U	0.797 U	0.774 U	0.952 U	0.903 U
PCB-143	pg/g	C134	C134	C134	C134	C134	C134	C134	C134	C134
PCB-144	pg/g	7.3	71.9	15.2	99.8	25.7	23.5	128	137	159
PCB-145	pg/g	0.551 U	0.627 U	0.927 U	1.32 J	0.766 U	0.545 U	0.620 U	0.816 U	0.812 U
PCB-146	pg/g	33 C	321 C	42.3 C	428 C	78.5 C	97.8 C	367 C	386 C	463 C
PCB-147	pg/g	4.64	36.5	7.87	51	12.6	10.7	56.1	56.0	66.5
PCB-148	pg/g	0.659 U	0.749 U	1.11 U	0.99 U	0.915 U	0.65 U	0.792 U	466	1.06 U
PCB-149	pg/g	C139	C139	C139	C139	C139	C139	C139	C139	C139
PCB-150	pg/g	0.528 U	6.28	0.888 U	6.99	0.734 U	2.02	9.52	8.63	10.6
PCB-151	pg/g	43.2	420	68.6	560	120	133	574	601	714
PCB-152	pg/g	0.542 U	1.39 J	0.911 U	2.58	0.753 U	0.535 U	3.19	2.94	2.70
PCB-153	pg/g	165	1630	268	2360	462	504	2780	2700	3240
PCB-154	pg/g	4.6	49.3	4.95	57	9.73	14.7	63.9	58.8	70.7
PCB-155	pg/g	0.529 U	0.601 U	0.889 U	0.795 U	0.735 U	0.522 U	0.579 U	0.756 U	0.756 U
PCB-156	pg/g	16.6	150	32.2	276	57.1	54.9	265	286	327
PCB-157	pg/g	3.57	30.5	6.66	60.7	13.6	12.2	58.2	59.5	70.7
PCB-158	pg/g	18.2 C	164 C	36.2 C	284 C	62.6 C	64.1 C	275 C	289 C	340 C
PCB-159	pg/g	2.11	18.7	3.17	22.5	5.47	6.85	28.9	24.6	29.1
PCB-160	pg/g	C158	C158	C158	C158	C158	C158	C158	C158	C158
PCB-161	pg/g	C132	C132	C132	C132	C132	C132	C132	C132	C132
PCB-162	pg/g	C128	C128	C128	C128	C128	C128	C128	C128	C128
PCB-163	pg/g	C138	C138	C138	C138	C138	C138	C138	C138	C138
PCB-164	pg/g	C138	C138	C138	C138	C138	C138	C138	C138	C138
PCB-165	pg/g	C146	C146	C146	C146	C146	C146	C146	C146	C146
PCB-166	pg/g	0.58 U	4.41	1.34 J	3.94	2.07	2.05	8.60	7.68	12.2
PCB-167	pg/g	6.55	57.7	12.3	106	22.8	22.1	114	116	136
PCB-168	pg/g	0.602 U	3.67	0.859 U	6.69	0.912 U	0.552 U	0.541 U	0.679 U	0.642 U
PCB-169	pg/g	0.547 U	0.595 U	0.837 U	0.679 U	0.846 U	0.508 U	0.484 U	0.673 U	0.714 U
PCB-170	pg/g	46.4	507	80.4	689	141	158	847	863	1010
PCB-171	pg/g	15.3	155	24.2	214	43.1	51.4	255	260	281
PCB-172	pg/g	9.55	96.6	15.2	126	28	30.6	144	155	177
PCB-173	pg/g	0.818 U	9.98	1.1 U	17.2	4.76	4.4	18.1	20.5	19.9
PCB-174	pg/g	47.2	502	76	659	129	155	792	941	1100
PCB-175	pg/g	2.87	27.5	4.41	28.9	6.83	6.99	41.1	42.8	40.3
PCB-176	pg/g	7.72	74.9	11.7	102	19.8	22.8	128	132	146
PCB-177	pg/g	32.7	353	49.4	459	87.8	108	531	528	641
PCB-178	pg/g	11.8	125	17.1	159	34.2	41.6	197	193	219
PCB-179	pg/g	22.5	243	33.8	332	62.9	79.1	367	367	430
PCB-180	pg/g	112	1310	177	1730	316	396	2090	1980	2230
PCB-181	pg/g	0.739 U	0.776 U	0.995 U	0.826 U	1.28 U	0.739 U	0.585 U	0.738 U	1.16 U
PCB-182	pg/g	61.5 C	723 C	95.7 C	898 C	176 C	223 C	1140 C	1140 C	1350 C
PCB-183	pg/g	29.7	344	46.7	430	88.5	105	579	563	648
PCB-184	pg/g	0.51 U	0.535 U	0.686 U	0.569 U	0.885 U	0.51 U	1.26	0.541 U	1.10 U
PCB-185	pg/g	6.46	62.5	9.87	83.7	21.4	19.6	98.3	98.8	113
PCB-186	pg/g	0.548 U	0.576 U	0.738 U	0.612 U	0.952 U	0.548 U	0.457 U	0.586 U	0.924 U
PCB-187	pg/g	C182	C182	C182	C182	C182	C182	C182	C182	C182

Table 7
Analytical Results for PCB Congeners in Bulk Sediment[1]

	SampID	LDW-Y3-SU-ENR-CA-CORE	LDW-Y3-SU-ENR-CB-CORE	LDW-Y3-SU-ENR-CC-CORE	LDW-Y3-SU-ENR+AC-CA-CORE	LDW-Y3-SU-ENR+AC-CC-CORE	LDW-Y3-SU-ENR+AC-CD-CORE	LDW-Y3-SC-ENR-CA-CORE	LDW-Y3-SC-ENR-CC-CORE	LDW-Y3-SC-ENR-CD-CORE
	UseDate	7/24/2020	7/24/2020	7/24/2020	7/24/2020	7/24/2020	7/24/2020	10/16/2020	10/16/2020	10/16/2020
	Plot	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Scour	Scour	Scour
	SubPlot	ENR	ENR	ENR	ENR+AC	ENR+AC	ENR+AC	ENR	ENR	ENR
Polychlorinated Biphenyls (PCBs)										
PCBs (Total, Congeners)	pg/g	3790	31700	7220	52700	13800	11400	46900	50700	59800
PCB-188	pg/g	0.651 U	3.46	0.826 U	2.61	1.08 U	0.612 U	2.78	2.66	3.07
PCB-189	pg/g	2.53	19.8	3.62	28.6	6.64	6.8	38.0	38.2	41.3
PCB-190	pg/g	10.8	107	16.3	147	32.4	36.2	174	176	197
PCB-191	pg/g	2.49	22.9	4.65	29.7	6.91	7.1	37.6	33.7	40.6
PCB-192	pg/g	0.596 U	0.626 U	0.803 U	0.666 U	1.04 U	0.596 U	0.488 U	0.649 U	1.02 U
PCB-193	pg/g	7	66.9	8.81	83.1	17.2	20.4	98.3	91.7	114
PCB-194	pg/g	23.7	289	33.7	317	61.6	77.9	422	529	583
PCB-195	pg/g	9.27	121	14.4	130	25.5	33.3	195	220	246
PCB-196	pg/g	28.3 C	391 C	40.8 C	454 C	89.7 C	115 C	499 C	495 C	615 C
PCB-197	pg/g	1.62 J	15.4	1.1 U	17	5.29	4.57	18.1	18.1	26.1
PCB-198	pg/g	0.901 U	19.9	1.64 U	16.4	7.56	5.94	24.3	35.5	29.1
PCB-199	pg/g	22.4	329	35.3	384	74.3	99.7	449	460	566
PCB-200	pg/g	3.8	40.7	5.99	45.1	10.9	11.5	54.6	56.0	65.6
PCB-201	pg/g	4.06	45.8	5.88	50.9	11	13.1	64.5	66.7	84.0
PCB-202	pg/g	4.84	71.9	8.57	79.2	15.8	23.6	103	108	127
PCB-203	pg/g	C196	C196	C196	C196	C196	C196	C196	C196	C196
PCB-204	pg/g	0.613 U	0.725 U	1.11 U	0.809 U	1.27 U	0.747 U	0.645 U	0.798 U	0.805 U
PCB-205	pg/g	1.97	15.5	3.33	18.1	4.37	4.68	25.2	29.2	32.6
PCB-206	pg/g	9.09	135	12.4	136	21.2	38.3	227	247	293
PCB-207	pg/g	1.39 J	18.2	1.76 J	17.4	3.34	5.34	29.8	31.0	37.5
PCB-208	pg/g	2.24	36.4	3.27	34.6	6.34	11	59.6	64.3	74.9
PCB-209	pg/g	3.67	90.9	4.14	64.9	9.25	20.4	94.0	92.3	113

Notes:

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

Abbreviations:

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

Table 7
Analytical Results for PCB Congeners in Bulk Sediment[1]

	SampID	LDW-Y3-SC-ENR+AC-CA-CORE	LDW-Y3-SC-ENR+AC-CB-CORE	LDW-Y3-SC-ENR+AC-CC-CORE	LDW-Y3-SC-ENR-CA-ULM	LDW-Y3-SC-ENR-CC-ULM	LDW-Y3-SC-ENR-CD-ULM	LDW-Y3-SC-ENR+AC-CA-ULM	LDW-Y3-SC-ENR+AC-CB-ULM	LDW-Y3-SC-ENR+AC-CC-ULM
	UseDate	10/16/2020	10/16/2020	10/16/2020	10/16/2020	10/16/2020	10/16/2020	10/16/2020	10/16/2020	10/16/2020
	Plot	Scour	Scour	Scour	Scour	Scour	Scour	Scour	Scour	Scour
	SubPlot	ENR+AC	ENR+AC	ENR+AC	ENR	ENR	ENR	ENR+AC	ENR+AC	ENR+AC
Polychlorinated Biphenyls (PCBs)										
PCBs (Total, Congeners)	pg/g	23200	30000	19400	6480	9810	8310	20600	8850	14600
PCB-001	pg/g	16.5	12.4	11.8	1.34	3.17	2.44	14.1	3.65	10.7
PCB-002	pg/g	3.01	2.82	2.15	0.391 J	0.906 J	0.777 J	2.64	0.931 J	1.57
PCB-003	pg/g	11.3	8.94	5.59	1.36	3.16	2.23	10.6	2.30	6.54
PCB-004	pg/g	63.3	72.6	68.0	7.54	15.3	14.3	58.7	21.7	43.9
PCB-005	pg/g	0.422 U	0.749 U	0.509 U	0.311 U	0.321 U	0.309 U	0.548 U	0.310 U	0.535 U
PCB-006	pg/g	60.7	65.0	54.5	7.27	15.2	13.9	45.6	21.9	35.4
PCB-007	pg/g	9.23	8.42	9.85	1.29	2.66	2.29	10.0	4.08	6.38
PCB-008	pg/g	253	258	234	32.1	65.9	60.6	211	88.7	155
PCB-009	pg/g	13.0	12.3	9.79	1.53	3.02	2.51	8.50	3.58	6.81
PCB-010	pg/g	5.85	4.19	4.62	0.412 J	0.961 J	0.579 J	3.03	1.50	2.73
PCB-011	pg/g	7.89	12.0	7.08	2.57	3.66	3.96	7.54	3.99	5.90
PCB-012	pg/g	9.13	11.1	6.64	2.66	3.98	3.95	7.60	3.86	4.81
PCB-013	pg/g	8.43	11.1	5.86	1.74	3.81	3.22	7.99	2.36	4.75
PCB-014	pg/g	0.408 U	0.726 U	0.492 U	0.297 U	0.306 U	0.295 U	0.522 U	0.295 U	0.509 U
PCB-015	pg/g	105	126	71.9	29.2	46.3	41.4	91.7	39.2	53.2
PCB-016	pg/g	109	135	99.0	14.9	37.0	33.5	96.7	38.1	71.8
PCB-017	pg/g	159	188	145	20.6	52.0	48.3	152	59.4	105
PCB-018	pg/g	356	408	345	45.3	112	102	331	130	238
PCB-019	pg/g	33.7	37.8	30.7	4.68	10.2	9.60	31.6	12.7	21.1
PCB-020	pg/g	411 C	423 C	329 C	49.9 C	118 C	99.7 C	322 C	160 C	205 C
PCB-021	pg/g	C020	C020	C020	C020	C020	C020	C020	C020	C020
PCB-022	pg/g	209	229	175	28.1	65.9	55.8	178	96.1	130
PCB-023	pg/g	1.07 J	1.20	0.979 J	0.269 U	0.217 U	0.255 U	0.643 J	0.322 U	0.508 U
PCB-024	pg/g	19.2	22.4	17.2	2.34	6.98	6.65	18.6	6.49	13.5
PCB-025	pg/g	74.6	84.2	63.6	9.56	22.8	20.8	56.4	31.0	43.9
PCB-026	pg/g	123	141	108	15.1	35.8	32.7	91.7	50.5	71.8
PCB-027	pg/g	18.0	22.2	17.9	2.77	5.05	4.98	14.8	7.28	11.3
PCB-028	pg/g	564	627	496	85.0	197	157	501	261	357
PCB-029	pg/g	5.58	5.05	4.35	0.749 J	1.58	1.46	4.31	2.02	3.31
PCB-030	pg/g	0.419 U	0.691 U	0.488 U	0.476 U	0.363 U	0.379 U	0.541 U	0.350 U	0.533 U
PCB-031	pg/g	660	697	529	67.6	159	150	411	227	327
PCB-032	pg/g	132	140	127	17.2	42.0	41.5	129	50.5	89.5
PCB-033	pg/g	C020	C020	C020	C020	C020	C020	C020	C020	C020
PCB-034	pg/g	3.41	4.09	3.21	0.615 J	1.30	0.836 J	3.65	1.40	2.27
PCB-035	pg/g	7.89	15.7	4.83	2.89	4.78	3.78	7.21	7.88	4.18
PCB-036	pg/g	0.471 U	0.685 U	0.523 U	0.287 U	0.232 U	0.272 U	0.457 U	0.343 U	0.541 U
PCB-037	pg/g	121	172	84.1	39.5	74.8	62.7	114	61.4	60.0
PCB-038	pg/g	0.497 U	5.13	4.84	1.01 J	0.857 J	0.547 J	3.33	2.93	2.91
PCB-039	pg/g	0.481 U	0.703 U	0.533 U	0.279 U	0.226 U	0.264 U	0.444 U	0.334 U	0.984 U
PCB-040	pg/g	66.6	81.9	54.3	15.1	29.1	23.4	69.3	27.4	52.7
PCB-041	pg/g	344 C	423 C	253 C	73.8 C	140 C	113 C	311 C	123 C	249 C
PCB-042	pg/g	159 C	195 C	116 C	31.4 C	61.4 C	51.0 C	139 C	56.0 C	112 C
PCB-043	pg/g	446 C	548 C	350 C	78.2 C	155 C	129 C	340 C	144 C	272 C
PCB-044	pg/g	413	502	308	93.9	162	130	349	141	282
PCB-045	pg/g	77.8	87.7	58.1	10.6	24.3	20.5	63.2	25.1	45.7
PCB-046	pg/g	30.2	35.2	24.2	4.92	9.76	8.69	25.2	10.3	19.1

Table 7
Analytical Results for PCB Congeners in Bulk Sediment[1]

	SampID	LDW-Y3-SC-ENR+AC-CA-CORE	LDW-Y3-SC-ENR+AC-CB-CORE	LDW-Y3-SC-ENR+AC-CC-CORE	LDW-Y3-SC-ENR-CA-ULM	LDW-Y3-SC-ENR-CC-ULM	LDW-Y3-SC-ENR-CD-ULM	LDW-Y3-SC-ENR+AC-CA-ULM	LDW-Y3-SC-ENR+AC-CB-ULM	LDW-Y3-SC-ENR+AC-CC-ULM
	UseDate	10/16/2020	10/16/2020	10/16/2020	10/16/2020	10/16/2020	10/16/2020	10/16/2020	10/16/2020	10/16/2020
	Plot	Scour	Scour	Scour	Scour	Scour	Scour	Scour	Scour	Scour
	SubPlot	ENR+AC	ENR+AC	ENR+AC	ENR	ENR	ENR	ENR+AC	ENR+AC	ENR+AC
Polychlorinated Biphenyls (PCBs)										
PCBs (Total, Congeners)	pg/g	23200	30000	19400	6480	9810	8310	20600	8850	14600
PCB-047	pg/g	167	204	129	29.3	59.9	50.0	131	58.0	110
PCB-048	pg/g	96.6 C	116 C	73.0 C	15.2 C	33.3 C	27.8 C	80.5 C	31.7 C	60.6 C
PCB-049	pg/g	C043	C043	C043	C043	C043	C043	C043	C043	C043
PCB-050	pg/g	2.30	2.44	1.49	0.423 U	0.654 J	0.617 J	1.41	0.723 J	1.03 J
PCB-051	pg/g	26.1	32.7	20.7	4.02	8.57	7.51	21.3	9.06	16.0
PCB-052	pg/g	628 C	766 C	508 C	141 C	222 C	180 C	464 C	196 C	379 C
PCB-053	pg/g	75.1	94.1	60.3	12.2	24.9	20.7	61.5	25.0	45.8
PCB-054	pg/g	1.43	2.19	1.44	0.355 U	0.560 J	0.476 J	1.32	0.718 J	0.986 J
PCB-055	pg/g	14.4	18.8	11.8	2.52	4.68	3.64	9.00	4.23	6.59
PCB-056	pg/g	367 C	437 C	288 C	69.9 C	139 C	116 C	298 C	156 C	221 C
PCB-057	pg/g	3.40	4.31	2.68	0.950 J	1.60	1.36	3.34	1.45	2.22
PCB-058	pg/g	1.95	2.54	1.55	0.317 U	0.679 J	0.659 J	1.26	0.688 J	1.09
PCB-059	pg/g	C042	C042	C042	C042	C042	C042	C042	C042	C042
PCB-060	pg/g	C056	C056	C056	C056	C056	C056	C056	C056	C056
PCB-061	pg/g	709 C	877 C	545 C	145 C	266 C	218 C	520 C	208 C	377 C
PCB-062	pg/g	0.398 U	0.615 U	0.388 U	0.336 U	0.315 U	0.249 U	0.405 U	0.344 U	0.476 U
PCB-063	pg/g	24.5	28.9	18.9	4.04	8.42	6.59	17.7	7.28	13.3
PCB-064	pg/g	C041	C041	C041	C041	C041	C041	C041	C041	C041
PCB-065	pg/g	0.411 U	0.633 U	0.400 U	0.338 U	0.315 U	0.250 U	0.406 U	0.344 U	0.477 U
PCB-066	pg/g	574 C	720 C	433 C	106 C	211 C	175 C	415 C	169 C	285 C
PCB-067	pg/g	21.9	26.8	15.6	3.50	8.27	6.76	16.3	6.84	11.2
PCB-068	pg/g	2.47	3.73	3.11	0.866 J	1.34	1.32	2.61	1.48	2.21
PCB-069	pg/g	C052	C052	C052	C052	C052	C052	C052	C052	C052
PCB-070	pg/g	C061	C061	C061	C061	C061	C061	C061	C061	C061
PCB-071	pg/g	C041	C041	C041	C041	C041	C041	C041	C041	C041
PCB-072	pg/g	C041	C041	C041	C041	C041	C041	C041	C041	C041
PCB-073	pg/g	6.71	7.61	4.74	1.93	2.56	2.09	5.38	2.06	3.62
PCB-074	pg/g	296	355	220	53.0	107	89.0	215	87.7	157
PCB-075	pg/g	C048	C048	C048	C048	C048	C048	C048	C048	C048
PCB-076	pg/g	C066	C066	C066	C066	C066	C066	C066	C066	C066
PCB-077	pg/g	45.4	65.6	30.2	12.8	26.3	21.9	42.9	19.6	21.7
PCB-078	pg/g	0.346 U	0.484 U	0.337 U	0.329 U	0.301 U	0.303 U	0.342 U	0.317 U	0.403 U
PCB-079	pg/g	9.34	12.6	8.24	2.82	3.40	3.15	7.38	4.24	5.84
PCB-080	pg/g	0.326 U	0.503 U	0.318 U	0.244 U	0.228 U	0.180 U	0.293 U	0.249 U	0.420 U
PCB-081	pg/g	15.4	19.0	13.4	5.00	5.60	4.79	11.5	6.14	9.22
PCB-082	pg/g	85.3	118	76.9	35.0	44.7	35.9	83.8	34.9	61.7
PCB-083	pg/g	31.3 C	42.9 C	28.0 C	12.9 C	15.7 C	13.4 C	31.1 C	12.4 C	22.7 C
PCB-084	pg/g	278 C	390 C	243 C	120 C	138 C	114 C	269 C	110 C	206 C
PCB-085	pg/g	105 C	144 C	92.9 C	41.5 C	59.4 C	46.4 C	108 C	45.3 C	81.0 C
PCB-086	pg/g	0.671 U	0.726 U	0.653 U	0.687 U	0.565 U	0.496 U	0.782 U	0.414 U	0.600 U
PCB-087	pg/g	262 C	368 C	238 C	110 C	131 C	107 C	245 C	102 C	187 C
PCB-088	pg/g	140 C	183 C	128 C	34.1 C	52.5 C	42.6 C	96.1 C	46.1 C	76.7 C
PCB-089	pg/g	7.94	10.3	6.31	2.72	4.12	3.63	8.22	3.22	5.41
PCB-090	pg/g	773 C	1080 C	675 C	293 C	377 C	313 C	749 C	314 C	525 C
PCB-091	pg/g	C088	C088	C088	C088	C088	C088	C088	C088	C088
PCB-092	pg/g	C084	C084	C084	C084	C084	C084	C084	C084	C084
PCB-093	pg/g	0.741 U	0.970 U	0.513 U	0.369 U	0.297 U	0.259 U	0.496 U	0.338 U	0.606 U

Table 7
Analytical Results for PCB Congeners in Bulk Sediment[1]

	SampID	LDW-Y3-SC-ENR+AC-CA-CORE	LDW-Y3-SC-ENR+AC-CB-CORE	LDW-Y3-SC-ENR+AC-CC-CORE	LDW-Y3-SC-ENR-CA-ULM	LDW-Y3-SC-ENR-CC-ULM	LDW-Y3-SC-ENR-CD-ULM	LDW-Y3-SC-ENR+AC-CA-ULM	LDW-Y3-SC-ENR+AC-CB-ULM	LDW-Y3-SC-ENR+AC-CC-ULM
	UseDate	10/16/2020	10/16/2020	10/16/2020	10/16/2020	10/16/2020	10/16/2020	10/16/2020	10/16/2020	10/16/2020
	Plot	Scour	Scour	Scour	Scour	Scour	Scour	Scour	Scour	Scour
	SubPlot	ENR+AC	ENR+AC	ENR+AC	ENR	ENR	ENR	ENR+AC	ENR+AC	ENR+AC
Polychlorinated Biphenyls (PCBs)										
PCBs (Total, Congeners)	pg/g	23200	30000	19400	6480	9810	8310	20600	8850	14600
PCB-094	pg/g	5.58	6.91	5.06	1.27	2.38	1.75	3.99	1.99	3.29
PCB-095	pg/g	789	1040	730	225	292	240	564	248	420
PCB-096	pg/g	4.59	7.32	4.80	1.83	2.36	2.02	5.31	2.12	3.97
PCB-097	pg/g	223	304	201	91.1	114	94.9	215	91.1	166
PCB-098	pg/g	0.741 UC	0.975 UC	0.514 UC	0.384 UC	0.310 UC	0.270 UC	0.516 UC	0.352 UC	0.627 UC
PCB-099	pg/g	313	435	278	110	156	128	290	132	226
PCB-100	pg/g	7.89	12.1	9.07	1.80	3.40	2.79	5.31	3.51	5.18
PCB-101	pg/g	C090	C090	C090	C090	C090	C090	C090	C090	C090
PCB-102	pg/g	U,C098	U,C098	U,C098	U,C098	U,C098	U,C098	U,C098	U,C098	U,C098
PCB-103	pg/g	11.9	19.7	13.2	2.78	5.99	4.99	11.3	5.94	9.01
PCB-104	pg/g	0.507 U	0.668 U	0.352 U	0.280 U	0.226 U	0.197 U	0.377 U	0.257 U	0.459 U
PCB-105	pg/g	265	399	240	111	145	117	241	97.1	171
PCB-106	pg/g	660 C	946 C	564 C	265 C	365 C	296 C	592 C	250 C	411 C
PCB-107	pg/g	53.7 C	75.5 C	47.0 C	20.5 C	27.2 C	22.5 C	45.4 C	19.4 C	34.8 C
PCB-108	pg/g	C107	C107	C107	C107	C107	C107	C107	C107	C107
PCB-109	pg/g	0.491 U	0.532 U	0.479 U	0.469 U	0.387 U	0.339 U	0.533 U	0.283 U	0.410 U
PCB-110	pg/g	709	1010	642	319	402	328	749	311	547
PCB-111	pg/g	14.9 C	20.9 C	13.1 C	5.44 C	5.35 C	5.95 C	12.6 C	6.49 C	10.6 C
PCB-112	pg/g	C083	C083	C083	C083	C083	C083	C083	C083	C083
PCB-113	pg/g	0.530 U	0.574 U	0.517 U	0.519 U	0.427 U	0.374 U	0.587 U	0.312 U	0.452 U
PCB-114	pg/g	15.8	23.1	14.7	6.37	8.12	6.76	13.6	5.89	11.4
PCB-115	pg/g	C111	C111	C111	C111	C111	C111	C111	C111	C111
PCB-116	pg/g	C085	C085	C085	C085	C085	C085	C085	C085	C085
PCB-117	pg/g	C087	C087	C087	C087	C087	C087	C087	C087	C087
PCB-118	pg/g	C106	C106	C106	C106	C106	C106	C106	C106	C106
PCB-119	pg/g	20.6	30.4	18.9	5.35	9.66	8.47	19.1	9.26	14.6
PCB-120	pg/g	2.03	3.67	1.63	0.883 J	1.48	1.42	2.27	1.22	1.66
PCB-121	pg/g	0.590 U	0.778 U	0.410 U	0.291 U	0.235 U	0.205 U	0.391 U	0.267 U	0.477 U
PCB-122	pg/g	8.11	11.3	8.35	3.92	4.86	3.97	8.66	3.76	6.17
PCB-123	pg/g	12.6	18.9	10.2	5.12	6.79	5.74	13.0	5.25	7.83
PCB-124	pg/g	30.3	43.7	25.8	13.6	16.4	13.2	29.1	12.1	20.1
PCB-125	pg/g	C087	C087	C087	C087	C087	C087	C087	C087	C087
PCB-126	pg/g	4.17	5.28	3.20	1.55	2.08	1.96	3.63	1.85	2.38
PCB-127	pg/g	0.480 U	0.639 U	0.501 U	0.398 U	0.413 U	0.433 U	0.524 U	0.431 U	0.654 U
PCB-128	pg/g	173 C	251 C	155 C	74.3 C	87.2 C	71.3 C	162 C	68.4 C	117 C
PCB-129	pg/g	46.9	67.4	41.0	23.9	25.0	20.1	45.4	18.0	33.0
PCB-130	pg/g	82.1	118	60.3	32.2	40.2	33.7	71.0	29.4	46.1
PCB-131	pg/g	36.7 C	49.9 C	31.4 C	14.0 C	17.3 C	14.4 C	34.3 C	15.1 C	25.9 C
PCB-132	pg/g	317 C	416 C	250 C	130 C	148 C	123 C	326 C	121 C	191 C
PCB-133	pg/g	C131	C131	C131	C131	C131	C131	C131	C131	C131
PCB-134	pg/g	64.4 C	87.7 C	54.1 C	27.8 C	29.4 C	25.9 C	60.9 C	24.6 C	42.2 C
PCB-135	pg/g	154	198	123	49.0	65.9	55.8	132	54.5	96.0
PCB-136	pg/g	165	216	137	56.4	77.8	67.6	165	65.9	136
PCB-137	pg/g	41.9	62.1	46.7	24.9	32.4	18.4	43.4	19.2	36.7
PCB-138	pg/g	1290 C	1720 C	1080 C	452 C	584 C	487 C	1200 C	487 C	810 C
PCB-139	pg/g	1030 C	1350 C	846 C	309 C	428 C	370 C	950 C	399 C	643 C
PCB-140	pg/g	7.03	11.5	7.25	3.07	3.63	3.31	6.32	3.72	6.22

Table 7
Analytical Results for PCB Congeners in Bulk Sediment[1]

	SampID	LDW-Y3-SC-ENR+AC-CA-CORE	LDW-Y3-SC-ENR+AC-CB-CORE	LDW-Y3-SC-ENR+AC-CC-CORE	LDW-Y3-SC-ENR-CA-ULM	LDW-Y3-SC-ENR-CC-ULM	LDW-Y3-SC-ENR-CD-ULM	LDW-Y3-SC-ENR+AC-CA-ULM	LDW-Y3-SC-ENR+AC-CB-ULM	LDW-Y3-SC-ENR+AC-CC-ULM
	UseDate	10/16/2020	10/16/2020	10/16/2020	10/16/2020	10/16/2020	10/16/2020	10/16/2020	10/16/2020	10/16/2020
	Plot	Scour	Scour	Scour	Scour	Scour	Scour	Scour	Scour	Scour
	SubPlot	ENR+AC	ENR+AC	ENR+AC	ENR	ENR	ENR	ENR+AC	ENR+AC	ENR+AC
Polychlorinated Biphenyls (PCBs)										
PCBs (Total, Congeners)	pg/g	23200	30000	19400	6480	9810	8310	20600	8850	14600
PCB-141	pg/g	229	289	184	77.7	96.6	84.2	217	86.7	147
PCB-142	pg/g	0.655 U	0.952 U	0.702 U	0.553 U	0.486 U	0.430 U	0.587 U	0.391 U	0.826 U
PCB-143	pg/g	C134	C134	C134	C134	C134	C134	C134	C134	C134
PCB-144	pg/g	64.4	81.9	53.4	22.8	26.5	22.4	70.4	26.3	41.8
PCB-145	pg/g	0.474 U	0.615 U	0.408 U	0.317 U	0.245 U	0.220 U	0.373 U	0.257 U	0.485 U
PCB-146	pg/g	174 C	236 C	144 C	56.4 C	81.2 C	68.1 C	166 C	72.3 C	115 C
PCB-147	pg/g	22.7	35.1	22.1	9.78	11.0	9.44	19.6	8.82	16.8
PCB-148	pg/g	0.623 U	0.807 U	0.536 U	0.406 U	0.314 U	0.282 U	0.477 U	0.329 U	0.622 U
PCB-149	pg/g	C139	C139	C139	C139	C139	C139	C139	C139	C139
PCB-150	pg/g	3.61	5.62	3.46	1.27	1.67	1.51	3.57	1.64	3.46
PCB-151	pg/g	293	375	231	83.3	114	103	274	108	183
PCB-152	pg/g	1.13	1.77	1.14	0.320 U	0.535 J	0.222 U	1.35	0.560 J	1.03 J
PCB-153	pg/g	1260	1670	1060	373	560	482	1170	540	836
PCB-154	pg/g	23.9	34.5	21.8	6.26	12.2	11.1	22.1	13.7	19.7
PCB-155	pg/g	0.441 U	0.574 U	0.379 U	0.297 U	0.229 U	0.206 U	0.349 U	0.240 U	0.453 U
PCB-156	pg/g	114	162	98.5	52.0	58.0	46.6	99.5	39.8	69.7
PCB-157	pg/g	21.7	34.3	20.4	11.6	12.4	10.4	20.2	8.27	15.1
PCB-158	pg/g	130 C	177 C	111 C	51.9 C	58.9 C	50.1 C	120 C	49.3 C	85.8 C
PCB-159	pg/g	13.5	15.4	9.62	3.27	4.93	4.73	11.5	5.45	7.83
PCB-160	pg/g	C158	C158	C158	C158	C158	C158	C158	C158	C158
PCB-161	pg/g	C132	C132	C132	C132	C132	C132	C132	C132	C132
PCB-162	pg/g	C128	C128	C128	C128	C128	C128	C128	C128	C128
PCB-163	pg/g	C138	C138	C138	C138	C138	C138	C138	C138	C138
PCB-164	pg/g	C138	C138	C138	C138	C138	C138	C138	C138	C138
PCB-165	pg/g	C146	C146	C146	C146	C146	C146	C146	C146	C146
PCB-166	pg/g	3.35	5.78	3.45	2.23	2.10	1.83	3.53	1.24	2.40
PCB-167	pg/g	43.7	66.2	38.4	20.8	24.5	20.3	40.6	16.4	28.8
PCB-168	pg/g	1.84	0.679 U	0.501 U	0.386 U	0.956 J	0.300 U	0.409 U	1.25	0.574 U
PCB-169	pg/g	0.497 U	0.749 U	0.539 U	0.340 U	0.336 U	0.276 U	0.410 U	0.288 U	0.486 U
PCB-170	pg/g	392	496	326	116	173	152	365	147	243
PCB-171	pg/g	113	157	91.8	32.6	50.0	45.4	110	47.3	71.3
PCB-172	pg/g	69.2	91.7	53.7	19.1	29.3	26.5	61.5	25.7	39.2
PCB-173	pg/g	8.75	13.8	6.25	2.86	3.52	3.45	7.88	3.90	5.34
PCB-174	pg/g	413	552	334	97.2	158	140	338	148	218
PCB-175	pg/g	18.7	18.6	13.0	4.79	8.47	7.40	15.9	5.99	10.8
PCB-176	pg/g	56.9	78.4	46.1	14.5	23.7	23.2	52.5	24.3	33.5
PCB-177	pg/g	237	320	197	62.0	102	90.6	219	92.6	143
PCB-178	pg/g	84.3	116	68.6	22.1	35.4	32.4	78.2	34.6	47.2
PCB-179	pg/g	162	225	134	44.2	71.8	63.3	153	65.4	98.6
PCB-180	pg/g	902	1140	741	253	393	347	877	366	532
PCB-181	pg/g	0.477 U	0.737 U	0.501 U	0.402 U	0.334 U	0.293 U	0.432 U	0.320 U	0.622 U
PCB-182	pg/g	502 C	674 C	411 C	126 C	212 C	192 C	446 C	202 C	281 C
PCB-183	pg/g	247	333	205	67.1	108	100	236	104	154
PCB-184	pg/g	0.349 U	0.538 U	0.366 U	0.295 U	0.245 U	0.215 U	0.317 U	0.235 U	0.458 U
PCB-185	pg/g	43.0	62.7	35.8	12.8	19.6	17.6	39.8	17.0	25.9
PCB-186	pg/g	0.378 U	0.581 U	0.397 U	0.314 U	0.261 U	0.229 U	0.337 U	0.250 U	0.487 U
PCB-187	pg/g	C182	C182	C182	C182	C182	C182	C182	C182	C182

Table 7
Analytical Results for PCB Congeners in Bulk Sediment[1]

	SampID	LDW-Y3-SC-ENR+AC-CA-CORE	LDW-Y3-SC-ENR+AC-CB-CORE	LDW-Y3-SC-ENR+AC-CC-CORE	LDW-Y3-SC-ENR-CA-ULM	LDW-Y3-SC-ENR-CC-ULM	LDW-Y3-SC-ENR-CD-ULM	LDW-Y3-SC-ENR+AC-CA-ULM	LDW-Y3-SC-ENR+AC-CB-ULM	LDW-Y3-SC-ENR+AC-CC-ULM
	UseDate	10/16/2020	10/16/2020	10/16/2020	10/16/2020	10/16/2020	10/16/2020	10/16/2020	10/16/2020	10/16/2020
	Plot	Scour	Scour	Scour	Scour	Scour	Scour	Scour	Scour	Scour
	SubPlot	ENR+AC	ENR+AC	ENR+AC	ENR	ENR	ENR	ENR+AC	ENR+AC	ENR+AC
Polychlorinated Biphenyls (PCBs)										
PCBs (Total, Congeners)	pg/g	23200	30000	19400	6480	9810	8310	20600	8850	14600
PCB-188	pg/g	0.998 J	1.54	0.990 J	0.325 U	0.570 J	0.274 U	0.877 J	0.274 U	0.533 U
PCB-189	pg/g	15.7	19.1	13.1	5.41	8.07	6.97	16.5	5.55	8.95
PCB-190	pg/g	81.1	106	65.3	24.3	36.7	33.8	77.1	31.7	53.3
PCB-191	pg/g	16.6	19.2	12.6	5.11	7.33	6.54	15.7	6.64	10.6
PCB-192	pg/g	0.419 U	0.644 U	0.440 U	0.336 U	0.279 U	0.244 U	0.360 U	0.267 U	0.521 U
PCB-193	pg/g	44.1	56.2	34.6	12.7	20.1	17.5	41.9	18.4	27.7
PCB-194	pg/g	222	290	158	64.3	103	85.2	217	73.3	128
PCB-195	pg/g	93.9	123	72.5	24.4	37.7	34.2	86.6	31.1	52.1
PCB-196	pg/g	213 C	291 C	194 C	78.8 C	121 C	105 C	238 C	102 C	168 C
PCB-197	pg/g	9.13	11.6	7.63	2.95	4.20	4.06	9.05	4.22	6.86
PCB-198	pg/g	11.3	14.5	8.35	3.86	4.49	3.93	12.3	5.40	8.69
PCB-199	pg/g	192	271	179	65.9	106	89.5	206	88.7	141
PCB-200	pg/g	24.0	31.5	20.5	8.05	12.6	10.6	26.0	12.3	16.2
PCB-201	pg/g	28.9	40.9	24.8	8.89	13.6	12.2	29.9	13.4	19.0
PCB-202	pg/g	40.8	62.7	36.0	13.4	22.9	20.1	41.0	19.9	28.9
PCB-203	pg/g	C196	C196	C196	C196	C196	C196	C196	C196	C196
PCB-204	pg/g	0.434 U	0.674 U	0.581 U	0.309 U	0.250 U	0.317 U	0.419 U	0.382 U	0.670 U
PCB-205	pg/g	12.1	16.8	9.79	3.66	5.00	4.60	11.7	3.81	7.29
PCB-206	pg/g	85.9	154	75.8	35.4	50.0	42.0	91.7	32.7	74.5
PCB-207	pg/g	10.7	17.4	9.62	4.67	6.59	5.31	10.6	4.57	8.31
PCB-208	pg/g	21.7	37.2	20.9	8.50	13.6	10.9	21.5	9.01	17.6
PCB-209	pg/g	35.5	59.2	32.9	14.3	18.6	17.0	33.0	14.7	27.6

Notes:

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

Abbreviations:

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

Table 7
Analytical Results for PCB Congeners in Bulk Sediment[1]

	SampID	LDW-Y3-IN-ENR-CB-CORE	LDW-Y3-IN-ENR-CC-CORE	LDW-Y3-IN-ENR-CD-CORE	LDW-Y3-IN-ENR+AC-CA-CORE	LDW-Y3-IN-ENR+AC-CB-CORE	LDW-Y3-IN-ENR+AC-CC-CORE	LDW-Y3-SC-ENR-SS	LDW-Y3-SC-ENR+AC-SS
	UseDate	10/16/2020	10/1/2020	10/1/2020	10/1/2020	10/1/2020	10/1/2020	8/11/2020	8/11/2020
	Plot	Intertidal	Intertidal	Intertidal	Intertidal	Intertidal	Intertidal	Scour	Scour
	SubPlot	ENR	ENR	ENR	ENR+AC	ENR+AC	ENR+AC	ENR	ENR+AC
Polychlorinated Biphenyls (PCBs)									
PCBs (Total, Congeners)	pg/g	4060	9010	3130	8220	5880	2280	9660	13700
PCB-001	pg/g	5.96	11.1	3.25	18.6	8.96	3.56	3.8	4.6
PCB-002	pg/g	1.51	3.13	1.15	2.21	1.74	0.606 J	1.07 J	1.23 J
PCB-003	pg/g	6.92	10.5	3.76	6.91	4.99	1.69	4.01	4.05
PCB-004	pg/g	5.42	12.6	3.38	16.9	15.0	6.24	17.2	21.9
PCB-005	pg/g	0.342 U	0.363 U	0.308 U	0.491 U	0.475 U	0.405 U	0.608 U	0.643 U
PCB-006	pg/g	8.42	14.4	4.92	13.2	13.9	4.87	19.2	20.5
PCB-007	pg/g	1.44	2.79	1.11	3.27	1.71	1.01	2.89	4.59
PCB-008	pg/g	23.7	43.0	14.6	35.3	31.5	12.8	76.1	82.4
PCB-009	pg/g	1.64	2.90	1.11	2.15	2.27	0.666 J	2.92	2.76
PCB-010	pg/g	0.714 J	0.946 J	0.291 U	1.30	0.846 J	0.382 U	0.973 J	0.812 J
PCB-011	pg/g	4.13	6.43	4.19	6.06	5.34	2.92	5.72	7.26
PCB-012	pg/g	3.66	6.84	1.96	5.15	3.34	1.10	4.21	4.91
PCB-013	pg/g	1.77	6.37	2.57	3.45	2.16	1.09	5.1	5.81
PCB-014	pg/g	0.348 U	0.368 U	0.313 U	0.498 U	0.482 U	0.411 U	0.588 U	0.622 U
PCB-015	pg/g	19.4	34.8	13.7	20.4	17.8	7.90	55.2	56.6
PCB-016	pg/g	5.69	13.3	3.81	12.5	11.5	5.33	39.5	37.1
PCB-017	pg/g	10.4	20.1	7.50	20.9	20.6	8.63	52.4	56.5
PCB-018	pg/g	22.1	43.4	15.1	47.5	45.3	19.0	107	123
PCB-019	pg/g	1.85	3.56	1.29	4.98	5.05	2.00	10.1	14.1
PCB-020	pg/g	24.0 C	62.5 C	17.2 C	41.5 C	41.0 C	14.3 C	125 C	116 C
PCB-021	pg/g	C020	C020	C020	C020	C020	C020	C020	C020
PCB-022	pg/g	13.7	38.9	9.59	25.2	25.3	8.59	59.9	59.8
PCB-023	pg/g	0.326 U	0.714 J	0.265 U	0.416 U	0.310 U	0.236 U	0.54 U	0.569 U
PCB-024	pg/g	1.52	3.24	1.03	3.30	3.73	1.27	7.17	7.02
PCB-025	pg/g	14.4	31.4	8.96	24.1	23.9	6.43	26.2	25.7
PCB-026	pg/g	26.5	63.7	16.0	43.6	48.2	11.9	47.4	42.7
PCB-027	pg/g	1.36	2.79	0.979	2.90	2.90	1.37	6.52	6.15
PCB-028	pg/g	46.1	110	32.0	71.5	74.1	25.9	221	171
PCB-029	pg/g	0.311 U	0.881 J	0.253 U	0.776 J	0.296 U	0.225 U	1.5 J	1.62 J
PCB-030	pg/g	0.438 U	0.449 U	0.401 U	0.535 U	0.497 U	0.427 U	0.575 U	0.671 U
PCB-031	pg/g	41.4	113	29.7	80.0	76.9	28.0	197	189
PCB-032	pg/g	8.32	13.7	5.60	16.7	14.7	5.46	41.6	46.7
PCB-033	pg/g	C020	C020	C020	C020	C020	C020	C020	C020
PCB-034	pg/g	0.318 U	0.756 J	0.258 U	0.721 J	0.302 U	0.230 U	1.19 J	0.931 J
PCB-035	pg/g	1.31	7.08	2.10	5.00	2.48	0.964	4.8	5.21
PCB-036	pg/g	0.315 U	0.474 U	0.256 U	0.402 U	0.300 U	0.402 U	0.575 U	0.606 U
PCB-037	pg/g	20.7	41.0	16.1	24.2	24.0	8.04	70.4	79.4
PCB-038	pg/g	0.305 U	2.68	0.589 J	0.388 U	0.290 U	0.388 U	0.606 U	2.77
PCB-039	pg/g	0.307 U	0.462 U	0.250 U	0.392 U	0.292 U	0.392 U	0.587 U	0.618 U
PCB-040	pg/g	7.89	11.0	5.75	13.0	10.6	4.42	29.5	35.6
PCB-041	pg/g	50.5 C	70.8 C	35.6 C	75.8 C	60.3 C	28.3 C	146 C	201 C
PCB-042	pg/g	22.2 C	32.4 C	15.4 C	34.1 C	26.4 C	11.4 C	67.9 C	86.9 C
PCB-043	pg/g	79.9 C	139 C	53.1 C	140 C	110 C	44.0 C	187 C	241 C
PCB-044	pg/g	68.7	121	49.2	135	92.9	40.5	180	213
PCB-045	pg/g	5.00	9.94	3.63	11.0	8.57	3.56	28.4	40.3
PCB-046	pg/g	2.00	3.90	1.41	5.03	3.31	1.44	11.4	16.9

Table 7
Analytical Results for PCB Congeners in Bulk Sediment[1]

	SampID	LDW-Y3-IN-ENR-CB-CORE	LDW-Y3-IN-ENR-CC-CORE	LDW-Y3-IN-ENR-CD-CORE	LDW-Y3-IN-ENR+AC-CA-CORE	LDW-Y3-IN-ENR+AC-CB-CORE	LDW-Y3-IN-ENR+AC-CC-CORE	LDW-Y3-SC-ENR-SS	LDW-Y3-SC-ENR+AC-SS
	UseDate	10/16/2020	10/1/2020	10/1/2020	10/1/2020	10/1/2020	10/1/2020	8/11/2020	8/11/2020
	Plot	Intertidal	Intertidal	Intertidal	Intertidal	Intertidal	Intertidal	Scour	Scour
	SubPlot	ENR	ENR	ENR	ENR+AC	ENR+AC	ENR+AC	ENR	ENR+AC
Polychlorinated Biphenyls (PCBs)									
PCBs (Total, Congeners)	pg/g	4060	9010	3130	8220	5880	2280	9660	13700
PCB-047	pg/g	26.2	41.2	17.4	39.9	35.1	15.2	67.9	95.8
PCB-048	pg/g	8.48 C	35.2 C	6.19 C	16.7 C	11.6 C	5.83 C	37.8 C	41.1 C
PCB-049	pg/g	C043	C043	C043	C043	C043	C043	C043	C043
PCB-050	pg/g	0.395 U	0.513 U	0.391 U	0.495 U	0.436 U	0.340 U	0.871 J	1.2 J
PCB-051	pg/g	2.76	4.01	1.40	4.65	3.37	1.45	10.5	13.9
PCB-052	pg/g	121 C	257 C	87.2 C	266 C	200 C	74.8 C	274 C	343 C
PCB-053	pg/g	7.40	14.5	4.83	15.9	12.8	4.78	30.5	42.5
PCB-054	pg/g	0.326 U	0.423 U	0.322 U	0.407 U	0.359 U	0.280 U	0.964 J	1.11 J
PCB-055	pg/g	2.92	5.01	2.54	4.68	4.04	1.59	6.58	8.36
PCB-056	pg/g	40.2 C	80.9 C	30.8 C	61.2 C	50.6 C	22.4 C	128 C	156 C
PCB-057	pg/g	1.61	1.99	1.04	1.87	1.89	0.624 J	1.69 J	2.56
PCB-058	pg/g	0.649 J	1.23	0.545 J	0.788 J	0.791 J	0.292 U	0.97 J	1.36 J
PCB-059	pg/g	C042	C042	C042	C042	C042	C042	C042	C042
PCB-060	pg/g	C056	C056	C056	C056	C056	C056	C056	C056
PCB-061	pg/g	108 C	246 C	86.7 C	185 C	142 C	56.5 C	291 C	349 C
PCB-062	pg/g	0.334 U	0.433 U	0.330 U	0.418 U	0.368 U	0.287 U	0.514 U	0.599 U
PCB-063	pg/g	3.15	6.67	2.71	5.19	4.22	1.59	9.54	11.7
PCB-064	pg/g	C041	C041	C041	C041	C041	C041	C041	C041
PCB-065	pg/g	0.335 U	0.435 U	0.332 U	0.419 U	0.370 U	0.288 U	0.53 U	0.617 U
PCB-066	pg/g	84.8 C	168 C	65.7 C	130 C	106 C	43.2 C	248 C	292 C
PCB-067	pg/g	3.75	7.02	2.83	5.71	6.03	1.44	8.87	10.2
PCB-068	pg/g	1.93	1.73	1.48	2.32	2.07	1.55	1.27 J	2.34
PCB-069	pg/g	C052	C052	C052	C052	C052	C052	C052	C052
PCB-070	pg/g	C061	C061	C061	C061	C061	C061	C061	C061
PCB-071	pg/g	C041	C041	C041	C041	C041	C041	C041	C041
PCB-072	pg/g	C041	C041	C041	C041	C041	C041	C041	C041
PCB-073	pg/g	1.53	2.64	1.23	2.24	2.50	0.836 J	2.94	3.21
PCB-074	pg/g	36.7	80.9	29.6	58.0	49.0	19.7	126	143
PCB-075	pg/g	C048	C048	C048	C048	C048	C048	C048	C048
PCB-076	pg/g	C066	C066	C066	C066	C066	C066	C066	C066
PCB-077	pg/g	10.8	26.1	10.5	14.9	11.6	4.55	25.1	33.4
PCB-078	pg/g	0.322 U	0.390 U	0.229 U	0.404 U	0.292 U	0.420 U	0.627 U	0.453 U
PCB-079	pg/g	2.70	5.48	2.36	5.54	3.88	1.70	3.72	5.76
PCB-080	pg/g	0.928 J	1.82	1.16	1.79	0.896 J	0.643 J	0.421 U	0.491 U
PCB-081	pg/g	3.46	8.51	3.11	8.73	5.64	2.29	6.34	9.64
PCB-082	pg/g	21.5	49.4	16.5	51.0	33.2	11.9	37.9	55.1
PCB-083	pg/g	10.1 C	21.7 C	7.50 C	21.3 C	14.7 C	5.23 C	14.1 C	21.5 C
PCB-084	pg/g	78.3 C	186 C	58.4 C	184 C	126 C	44.1 C	131 C	189 C
PCB-085	pg/g	29.9 C	63.7 C	24.0 C	67.3 C	45.9 C	17.9 C	49.1 C	68.5 C
PCB-086	pg/g	0.660 U	0.726 U	0.492 U	0.697 U	0.647 U	0.352 U	0.727 U	2.04
PCB-087	pg/g	68.1 C	161 C	54.1 C	162 C	106 C	40.0 C	122 C	169 C
PCB-088	pg/g	27.5 C	72.0 C	21.4 C	69.1 C	49.1 C	16.8 C	64.2 C	89.2 C
PCB-089	pg/g	1.79	3.53	1.52	3.50	2.64	0.978	3.57	5.75
PCB-090	pg/g	191 C	426 C	141 C	427 C	281 C	109 C	345 C	500 C
PCB-091	pg/g	C088	C088	C088	C088	C088	C088	C088	C088
PCB-092	pg/g	C084	C084	C084	C084	C084	C084	C084	C084
PCB-093	pg/g	0.337 U	0.442 U	0.297 U	0.362 U	0.427 U	0.278 U	0.573 U	0.695 U

Table 7
Analytical Results for PCB Congeners in Bulk Sediment[1]

	SampID	LDW-Y3-IN-ENR-CB-CORE	LDW-Y3-IN-ENR-CC-CORE	LDW-Y3-IN-ENR-CD-CORE	LDW-Y3-IN-ENR+AC-CA-CORE	LDW-Y3-IN-ENR+AC-CB-CORE	LDW-Y3-IN-ENR+AC-CC-CORE	LDW-Y3-SC-ENR-SS	LDW-Y3-SC-ENR+AC-SS
	UseDate	10/16/2020	10/1/2020	10/1/2020	10/1/2020	10/1/2020	10/1/2020	8/11/2020	8/11/2020
	Plot	Intertidal	Intertidal	Intertidal	Intertidal	Intertidal	Intertidal	Scour	Scour
	SubPlot	ENR	ENR	ENR	ENR+AC	ENR+AC	ENR+AC	ENR	ENR+AC
Polychlorinated Biphenyls (PCBs)									
PCBs (Total, Congeners)	pg/g	4060	9010	3130	8220	5880	2280	9660	13700
PCB-094	pg/g	1.08	2.23	0.847 J	2.09	1.35	0.482 J	2.46	3.91
PCB-095	pg/g	155	453	122	434	294	94.6	347	515
PCB-096	pg/g	0.917 J	1.73	0.599 J	2.35	1.64	0.675 J	2.7	3.88
PCB-097	pg/g	61.7	140	46.2	140	92.4	35.6	105	144
PCB-098	pg/g	0.359 UC	0.471 UC	0.316 UC	0.385 UC	0.455 UC	0.296 UC	0.574 UC	0.696 UC
PCB-099	pg/g	88.5	178	64.3	179	124	53.3	147	203
PCB-100	pg/g	1.53	2.56	0.891 J	2.12	1.99	0.716 J	4.05	5.91
PCB-101	pg/g	C090	C090	C090	C090	C090	C090	C090	C090
PCB-102	pg/g	U,C098	U,C098	U,C098	U,C098	U,C098	U,C098	U,C098	U,C098
PCB-103	pg/g	2.65	4.36	1.79	4.13	3.29	1.22	7.08	10.5
PCB-104	pg/g	0.241 U	0.315 U	0.211 U	0.259 U	0.305 U	0.198 U	0.393 U	0.477 U
PCB-105	pg/g	77.8	191	64.8	160	104	41.4	135	180
PCB-106	pg/g	210 C	479 C	172 C	412 C	281 C	117 C	326 C	433 C
PCB-107	pg/g	17.3 C	35.5 C	13.7 C	31.3 C	23.0 C	8.63 C	25 C	30.4 C
PCB-108	pg/g	C107	C107	C107	C107	C107	C107	C107	C107
PCB-109	pg/g	0.431 U	0.475 U	0.320 U	0.455 U	0.421 U	0.230 U	0.533 U	0.69 U
PCB-110	pg/g	225	508	172	497	332	121	327	450
PCB-111	pg/g	4.05 C	8.33 C	2.72 C	5.91 C	5.19 C	2.42 C	5.83 C	8.3 C
PCB-112	pg/g	C083	C083	C083	C083	C083	C083	C083	C083
PCB-113	pg/g	0.497 U	0.548 U	0.370 U	0.524 U	0.486 U	0.265 U	0.575 U	0.745 U
PCB-114	pg/g	4.57	10.00	3.56	7.58	5.81	2.46	7.72	10.6
PCB-115	pg/g	C111	C111	C111	C111	C111	C111	C111	C111
PCB-116	pg/g	C085	C085	C085	C085	C085	C085	C085	C085
PCB-117	pg/g	C087	C087	C087	C087	C087	C087	C087	C087
PCB-118	pg/g	C106	C106	C106	C106	C106	C106	C106	C106
PCB-119	pg/g	6.06	11.7	3.99	10.7	7.80	3.22	9.95	14.2
PCB-120	pg/g	0.896 J	1.51	0.920 J	1.35	1.08 J	0.217 U	0.825 J	2.38
PCB-121	pg/g	0.266 U	0.348 U	0.233 U	0.285 U	0.336 U	0.219 U	0.458 U	0.555 U
PCB-122	pg/g	3.10	5.86	3.10	5.22	4.04	1.46	4.56	5.5
PCB-123	pg/g	4.46	9.94	3.83	8.55	6.14	2.35	6.76	8.6
PCB-124	pg/g	8.91	22.1	7.69	19.5	13.3	5.28	14.8	20.2
PCB-125	pg/g	C087	C087	C087	C087	C087	C087	C087	C087
PCB-126	pg/g	1.73	5.30	1.99	2.73	2.03	0.739 J	2.41	2.95
PCB-127	pg/g	0.437 U	0.485 U	0.327 U	0.467 U	0.529 U	0.376 U	0.648 U	0.686 U
PCB-128	pg/g	50.8 C	116 C	39.8 C	110 C	72.4 C	26.9 C	78.5 C	107 C
PCB-129	pg/g	13.8	34.6	11.4	34.9	20.6	7.44	21.3	30.2
PCB-130	pg/g	18.0	40.9	15.6	40.7	25.9	9.05	36.5	51.7
PCB-131	pg/g	8.58 C	20.4 C	6.48 C	18.4 C	12.1 C	4.46 C	15.7 C	22.4 C
PCB-132	pg/g	62.2 C	152 C	54.5 C	156 C	115 C	36.0 C	126 C	198 C
PCB-133	pg/g	C131	C131	C131	C131	C131	C131	C131	C131
PCB-134	pg/g	14.8 C	35.4 C	11.5 C	33.9 C	21.3 C	7.58 C	27.8 C	41.7 C
PCB-135	pg/g	30.0	68.4	23.3	62.4	40.8	15.8	61.8	102
PCB-136	pg/g	28.4	72.6	23.4	66.1	44.1	17.2	70.6	124
PCB-137	pg/g	17.1	41.7	12.1	39.1	25.4	10.2	19.3	25.9
PCB-138	pg/g	269 C	625 C	214 C	588 C	385 C	153 C	528 C	787 C
PCB-139	pg/g	172 C	387 C	131 C	361 C	242 C	97.3 C	409 C	655 C
PCB-140	pg/g	2.26	3.73	1.31	3.81	2.76	1.19	3.72	4.95

Table 7
Analytical Results for PCB Congeners in Bulk Sediment[1]

	SampID	LDW-Y3-IN-ENR-CB-CORE	LDW-Y3-IN-ENR-CC-CORE	LDW-Y3-IN-ENR-CD-CORE	LDW-Y3-IN-ENR+AC-CA-CORE	LDW-Y3-IN-ENR+AC-CB-CORE	LDW-Y3-IN-ENR+AC-CC-CORE	LDW-Y3-SC-ENR-SS	LDW-Y3-SC-ENR+AC-SS
	UseDate	10/16/2020	10/1/2020	10/1/2020	10/1/2020	10/1/2020	10/1/2020	8/11/2020	8/11/2020
	Plot	Intertidal	Intertidal	Intertidal	Intertidal	Intertidal	Intertidal	Scour	Scour
	SubPlot	ENR	ENR	ENR	ENR+AC	ENR+AC	ENR+AC	ENR	ENR+AC
Polychlorinated Biphenyls (PCBs)									
PCBs (Total, Congeners)	pg/g	4060	9010	3130	8220	5880	2280	9660	13700
PCB-141	pg/g	41.2	98.2	33.3	90.9	58.1	23.9	91	146
PCB-142	pg/g	0.569 U	0.553 U	0.458 U	0.602 U	0.497 U	0.456 U	0.771 U	0.88 U
PCB-143	pg/g	C134	C134	C134	C134	C134	C134	C134	C134
PCB-144	pg/g	9.93	25.7	6.53	21.5	14.7	5.42	24.7	38.9
PCB-145	pg/g	0.276 U	0.340 U	0.191 U	0.340 U	0.267 U	0.293 U	0.594 U	0.603 U
PCB-146	pg/g	35.9 C	76.8 C	27.1 C	67.3 C	48.1 C	18.6 C	72 C	107 C
PCB-147	pg/g	5.79	12.6	4.06	11.5	8.79	3.07	10.2	14.4
PCB-148	pg/g	0.336 U	0.414 U	0.232 U	0.414 U	0.325 U	0.356 U	0.78 U	0.791 U
PCB-149	pg/g	C139	C139	C139	C139	C139	C139	C139	C139
PCB-150	pg/g	0.563 J	1.09 J	0.191 U	1.000 J	0.813 J	0.415 J	2.08	2.6
PCB-151	pg/g	43.8	95.2	30.6	83.6	58.6	22.1	114	195
PCB-152	pg/g	0.277 U	0.342 U	0.191 U	0.341 U	0.268 U	0.294 U	0.604 U	0.612 U
PCB-153	pg/g	223	475	164	438	280	127	501	774
PCB-154	pg/g	4.01	7.91	3.48	6.67	5.53	2.34	10.7	17.3
PCB-155	pg/g	0.267 U	0.329 U	0.184 U	0.328 U	0.258 U	0.283 U	0.552 U	0.56 U
PCB-156	pg/g	30.3	73.8	25.4	63.6	39.5	15.3	54.2	77.9
PCB-157	pg/g	7.57	19.3	6.38	17.5	10.1	4.11	11.5	15.3
PCB-158	pg/g	29.9 C	72.0 C	24.7 C	67.9 C	43.6 C	16.9 C	57.3 C	81 C
PCB-159	pg/g	1.90	3.60	1.57	2.75	2.47	1.12	5.92	8.04
PCB-160	pg/g	C158	C158	C158	C158	C158	C158	C158	C158
PCB-161	pg/g	C132	C132	C132	C132	C132	C132	C132	C132
PCB-162	pg/g	C128	C128	C128	C128	C128	C128	C128	C128
PCB-163	pg/g	C138	C138	C138	C138	C138	C138	C138	C138
PCB-164	pg/g	C138	C138	C138	C138	C138	C138	C138	C138
PCB-165	pg/g	C146	C146	C146	C146	C146	C146	C146	C146
PCB-166	pg/g	1.39	2.39	1.10	2.96	1.87	0.698 J	1.85 J	2.19
PCB-167	pg/g	13.0	30.0	11.3	25.5	17.1	6.61	22.3	30.6
PCB-168	pg/g	0.408 U	0.398 U	0.329 U	0.433 U	0.357 U	0.328 U	0.548 U	0.625 U
PCB-169	pg/g	0.383 U	0.377 U	0.290 U	0.404 U	0.346 U	0.306 U	0.536 U	0.639 U
PCB-170	pg/g	55.8	126	47.0	102	72.4	27.9	173	281
PCB-171	pg/g	15.2	35.2	13.0	26.0	21.0	8.68	48.2	78.4
PCB-172	pg/g	10.7	21.2	7.89	16.6	12.4	5.60	28.6	47.5
PCB-173	pg/g	0.442 U	3.77	0.390 U	2.80	2.22	0.937	4.65	6.83
PCB-174	pg/g	50.1	110	40.7	90.3	69.7	29.1	179	278
PCB-175	pg/g	2.50	5.57	2.13	4.47	3.37	1.35	8.34	12.4
PCB-176	pg/g	6.33	15.1	5.50	12.0	8.96	4.24	24.5	38.2
PCB-177	pg/g	33.7	73.2	28.2	56.2	43.2	18.6	99.5	162
PCB-178	pg/g	11.3	24.8	9.30	18.2	15.4	6.11	38.7	54
PCB-179	pg/g	20.8	44.3	16.4	36.5	27.1	12.1	73.4	106
PCB-180	pg/g	126	262	102	214	166	69.8	345	555
PCB-181	pg/g	0.374 U	0.377 U	0.330 U	0.507 U	0.429 U	0.300 U	0.465 U	0.836 U
PCB-182	pg/g	65.5 C	133 C	52.6 C	102 C	85.2 C	37.0 C	222 C	357 C
PCB-183	pg/g	29.7	64.3	24.3	51.4	41.2	19.0	110	174
PCB-184	pg/g	0.274 U	0.276 U	0.242 U	0.372 U	0.314 U	0.220 U	0.34 U	0.612 U
PCB-185	pg/g	5.96	12.6	4.97	9.33	7.85	3.17	20.4	32
PCB-186	pg/g	0.289 U	0.290 U	0.255 U	0.392 U	0.331 U	0.232 U	0.369 U	0.663 U
PCB-187	pg/g	C182	C182	C182	C182	C182	C182	C182	C182

Table 7
Analytical Results for PCB Congeners in Bulk Sediment[1]

	SampID	LDW-Y3-IN-ENR-CB-CORE	LDW-Y3-IN-ENR-CC-CORE	LDW-Y3-IN-ENR-CD-CORE	LDW-Y3-IN-ENR+AC-CA-CORE	LDW-Y3-IN-ENR+AC-CB-CORE	LDW-Y3-IN-ENR+AC-CC-CORE	LDW-Y3-SC-ENR-SS	LDW-Y3-SC-ENR+AC-SS
	UseDate	10/16/2020	10/1/2020	10/1/2020	10/1/2020	10/1/2020	10/1/2020	8/11/2020	8/11/2020
	Plot	Intertidal	Intertidal	Intertidal	Intertidal	Intertidal	Intertidal	Scour	Scour
	SubPlot	ENR	ENR	ENR	ENR+AC	ENR+AC	ENR+AC	ENR	ENR+AC
Polychlorinated Biphenyls (PCBs)									
PCBs (Total, Congeners)	pg/g	4060	9010	3130	8220	5880	2280	9660	13700
PCB-188	pg/g	0.328 U	0.312 U	0.284 U	0.461 U	0.374 U	0.272 U	0.424 U	0.839 U
PCB-189	pg/g	2.56	5.15	2.77	4.12	3.45	1.38	6.84	10.8
PCB-190	pg/g	11.9	24.7	10.0	21.2	15.9	6.66	34.9	52.5
PCB-191	pg/g	2.82	5.61	2.35	4.70	3.42	1.41	7.86	11.2
PCB-192	pg/g	0.323 U	0.325 U	0.285 U	0.438 U	0.370 U	0.259 U	0.409 U	0.735 U
PCB-193	pg/g	6.97	14.4	5.02	10.4	8.68	3.61	19.6	31
PCB-194	pg/g	28.2	51.8	21.4	58.3	35.7	12.9	84.6	133
PCB-195	pg/g	10.6	23.0	9.45	23.2	14.3	5.46	35.4	55.9
PCB-196	pg/g	30.9 C	59.2 C	25.2 C	67.3 C	38.7 C	14.2 C	97.2 C	170 C
PCB-197	pg/g	1.22	2.74	0.916 J	2.28	1.43	0.730 J	3.53	6.82
PCB-198	pg/g	1.74	3.08	1.69	4.04	2.10	0.721 J	4.24	9.09
PCB-199	pg/g	28.2	54.8	21.9	59.5	34.8	13.6	91.3	181
PCB-200	pg/g	4.08	7.26	2.70	8.06	4.88	1.94	10.4	18.6
PCB-201	pg/g	4.02	8.57	3.17	8.24	5.59	2.01	13.3	20.8
PCB-202	pg/g	6.49	11.2	5.11	12.5	8.63	3.18	18.1	36.8
PCB-203	pg/g	C196	C196	C196	C196	C196	C196	C196	C196
PCB-204	pg/g	0.291 U	0.452 U	0.331 U	0.552 U	0.403 U	0.276 U	0.543 U	0.887 U
PCB-205	pg/g	1.60	3.67	1.50	3.44	2.74	0.951	5.77	7.17
PCB-206	pg/g	12.7	22.7	9.79	37.9	18.3	6.06	41.7	197
PCB-207	pg/g	1.68	3.13	1.38	4.36	2.18	0.744 J	5.55	21.4
PCB-208	pg/g	2.87	5.95	2.59	7.58	4.89	1.65	11.7	71.4
PCB-209	pg/g	4.86	10.8	3.97	14.9	39.2	3.64	15.4	86.6

Notes:

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

Abbreviations:

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

Table 8
Analytical Results for PCB Congeners in Porewater

		SampID	LDW-Y3-SU-ENR-CA-S010	LDW-Y3-SU-ENR-CB-S010	LDW-Y3-SU-ENR-CC-S010	LDW-Y3-SU-ENR+AC-CA-S010	LDW-Y3-SU-ENR+AC-CC-S010	LDW-Y3-SU-ENR+AC-CD-S010	LDW-Y3-SC-ENR-CA-S010	LDW-Y3-SC-ENR-CC-S010	LDW-Y3-SC-ENR-CD-S010	LDW-Y3-SC-ENR+AC-CA-S010	
		SampDate	9/28/2020	9/28/2020	9/28/2020	9/28/2020	9/28/2020	9/28/2020	9/29/2020	9/29/2020	9/29/2020	9/29/2020	
		Plot	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Scour	Scour	Scour	Scour	
		SubPlot	ENR	ENR	ENR	ENR+AC	ENR+AC	ENR+AC	ENR	ENR	ENR	ENR+AC	
Polychlorinated Biphenyls (PCBs)													
PCBs (Total, Congeners)	pg/L		3700	3500	4300	5400	3200	4300	2900	4500	2700	3700	
PCB-001	pg/L		20 J	31 J	26 J	160	20 J	34	6.1 U	8.7 U	9.4 U	11	U
PCB-002	pg/L		1.8 U	1.6 U	1.8 U	1.5 U	1.4 U	1.9 U	2 U	2.1 U	2.5 U	3.1	U
PCB-003	pg/L		1.9 U	1.7 U	2 U	7.9 J	1.6 U	2.3 U	2.2 U	2.3 U	2.6 U	3.3	U
PCB-004	pg/L		180	180	300	350	150	190	78	110	86	79	
PCB-005	pg/L		3.5 U	3 U	3.3 U	2.9 U	2.2 U	2.9 U	3.4 U	2.8 U	1.6 U	4.4	U
PCB-006	pg/L		61	58	82	120	49	59	25	40	26	20	
PCB-007	pg/L		6.6 J	7.1 J	10	17	8.7	9.2	3.3 U	9	3.3 J	4	U
PCB-008	pg/L		160	160	220	260	140	160	100	160	110	84	
PCB-009	pg/L		12	13	14	20	8.1	11	3.5 U	5.4 J	6.8	8.2	
PCB-010	pg/L		12 J	12 J	17	24	8.6 J	12 J	5.2 U	4.9 U	2.9 U	7.4	U
PCB-011	pg/L		2.5	2	6.5	4.9	1.6	2.9	5.7 UB	6	6.2	0.78	
PCB-012	pg/L		3 J	1.6 U	2.4 J	1.7 U	1.2 U	2.4 J	2.5 U	2.3 J	2.1 J	2.8	U
PCB-013	pg/L		2.6 J	2.2 J	4.2	4.6	3.1 J	2.4 J	2.4 U	3.4 J	2.1 J	2.9	U
PCB-014	pg/L		PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC		PRC
PCB-015	pg/L		15	17	24	24	18	19	18	24	17	13	
PCB-016	pg/L		95	83	110	130	96	97	67	110	67	77	
PCB-017	pg/L		160	180	220	270	160	200	96	160	92	110	
PCB-018	pg/L		350	390	500	690	410	480	230	410	230	230	
PCB-019	pg/L		62	61	85	120	65	76	45	63	47	47	
PCB-020	pg/L		110 C	130 C	130 C	120 C	100 C	130 C	95 C	170 C	90 C	100	C
PCB-021	pg/L		C020	C020	C020	C020	C020	C020	C020	C020	C020		C020
PCB-022	pg/L		58	63	75	59	57	68	47	86	45	48	
PCB-023	pg/L		1.1 U	1.2 U	1.1 U	1.1 U	0.88 U	0.92 U	1.4 U	1.3 U	1.2 U	1.9	U
PCB-024	pg/L		18	18	22	29	20	24	9.7	21	13	14	
PCB-025	pg/L		31	36	34	39	24	30	21	29	18	17	
PCB-026	pg/L		60	63	55	69	46	53	33	50	32	35	
PCB-027	pg/L		13	15	18	24	17	18	18	16	11	11	
PCB-028	pg/L		160	220	210	200	170	210	150	240	120	140	
PCB-029	pg/L		1.8 J	2.2 J	2.4 J	1.7 J	1.6 J	2.2 J	1.3 U	2.8 J	1.8 J	1.9	U
PCB-030	pg/L		1.6 U	1.4 U	2 U	1.7 U	1.4 U	1.6 U	1.1 U	1.7 U	1.6 U	3.1	U
PCB-031	pg/L		190	210	230	220	170	190	140	220	140	120	
PCB-032	pg/L		100	130	150	210	110	150	82	130	77	85	
PCB-033	pg/L		C020	C020	C020	C020	C020	C020	C020	C020	C020		C020
PCB-034	pg/L		2.6 J	2.6 J	2.8	3.7	2.4 J	3	1.3 U	2.2 J	1.2 U	2	U
PCB-035	pg/L		1.3 J	1.6 J	0.69 U	1.4 J	0.6 U	1.5 J	1.1 U	2.5 J	1 U	1.6	U
PCB-036	pg/L		PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC		PRC
PCB-037	pg/L		18	16	21	18	17	23	20	36	18	19	
PCB-038	pg/L		1.8 J	2	2.3	1.8 J	0.57 U	1.8 J	1.1 U	1.4 J	0.95 U	1.7	U
PCB-039	pg/L		0.71 U	0.73 U	0.69 U	0.81 U	0.63 U	0.69 U	1.1 U	1.2 U	0.94 U	1.6	U
PCB-040	pg/L		23	20	27	31	22	28	19	29	17	27	
PCB-041	pg/L		100 C	90 C	110 C	130 C	94 C	140 C	84 C	130 C	70 C	110	C
PCB-042	pg/L		49 C	42 C	53 C	70 C	44 C	63 C	43 C	62 C	36 C	53	C
PCB-043	pg/L		170 C	130 C	150 C	220 C	120 C	180 C	99 C	140 C	87 C	140	C
PCB-044	pg/L		140	120	140	200	130	180	100	150	86	140	
PCB-045	pg/L		37	36	46	55	34	46	33	44	29	41	
PCB-046	pg/L		15	15	17	24	14	19	14	20	12	17	

Table 8
Analytical Results for PCB Congeners in Porewater

		SampID	LDW-Y3-SU-ENR-CA-S010	LDW-Y3-SU-ENR-CB-S010	LDW-Y3-SU-ENR-CC-S010	LDW-Y3-SU-ENR+AC-CA-S010	LDW-Y3-SU-ENR+AC-CC-S010	LDW-Y3-SU-ENR+AC-CD-S010	LDW-Y3-SC-ENR-CA-S010	LDW-Y3-SC-ENR-CC-S010	LDW-Y3-SC-ENR-CD-S010	LDW-Y3-SC-ENR+AC-CA-S010	
		SampDate	9/28/2020	9/28/2020	9/28/2020	9/28/2020	9/28/2020	9/28/2020	9/29/2020	9/29/2020	9/29/2020	9/29/2020	
		Plot	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Scour	Scour	Scour	Scour	
		SubPlot	ENR	ENR	ENR	ENR+AC	ENR+AC	ENR+AC	ENR	ENR	ENR	ENR+AC	
Polychlorinated Biphenyls (PCBs)													
PCB-047	pg/L		52	42	51	70	42	62	35	52	28	50	
PCB-048	pg/L		31 C	27 C	33 C	43 C	28 C	38 C	24 C	39 C	21 C	34	C
PCB-049	pg/L		C043	C043	C043	C043	C043	C043	C043	C043	C043		C043
PCB-050	pg/L		1.8 J	2 J	2.2	2.4	1.5 J	1.7 J	3.5 J	1.9 J	1.7 J	2	U
PCB-051	pg/L		14	12	15	21	14	17	12	17	10	15	
PCB-052	pg/L		220 C	180 C	210 C	300 C	180 C	260 C	140 C	180 C	120 C	170	C
PCB-053	pg/L		42	40	47	65	40	56	33	47	29	40	
PCB-054	pg/L		1.1 J	1.2 J	1.3 J	1.4 J	1.1 J	1.4 J	1.4 U	1.6 J	1 U	1.5	U
PCB-055	pg/L		2.4	1.7	2.3	2.4	2.2	2.3	2.1	4.3	2.2	3.6	
PCB-056	pg/L		41 C	36 C	44 C	44 C	36 C	49 C	44 C	69 C	41 C	63	C
PCB-057	pg/L		0.88 J	0.64 J	0.99 J	1.3 J	0.78 J	0.94 J	1 U	0.74 U	0.79 U	1.6	J
PCB-058	pg/L		0.53 J	0.64 J	0.6 J	1.1 J	0.59 J	0.42 U	1.1 U	0.77 U	0.79 U	1.2	U
PCB-059	pg/L		C042	C042	C042	C042	C042	C042	C042	C042	C042		C042
PCB-060	pg/L		C056	C056	C056	C056	C056	C056	C056	C056	C056		C056
PCB-061	pg/L		91 C	74 C	95 C	110 C	78 C	110 C	74 C	120 C	62 C	100	C
PCB-062	pg/L		0.45 U	0.64 U	0.47 U	0.72 U	0.52 U	0.59 U	1.4 U	0.89 U	1 U	1.5	U
PCB-063	pg/L		3.3	3	3.8	4.8	2.9	4.4	3.3	4.5	2.9	4.6	
PCB-064	pg/L		C041	C041	C041	C041	C041	C041	C041	C041	C041		C041
PCB-065	pg/L		0.44 U	0.63 U	0.46 U	0.64 U	0.46 U	0.52 U	1.2 U	0.79 U	0.89 U	1.4	U
PCB-066	pg/L		69 C	54 C	69 C	78 C	54 C	80 C	63 C	92 C	53 C	80	C
PCB-067	pg/L		2.9	2.5	3.2	4.7	2.8	4.2	3.3	5.8	2.7	5.7	
PCB-068	pg/L		1.5	1.2	1.6	2.3	1.2	1.9	2 J	2.4	1.7 J	2.2	J
PCB-069	pg/L		C052	C052	C052	C052	C052	C052	C052	C052	C052		C052
PCB-070	pg/L		C061	C061	C061	C061	C061	C061	C061	C061	C061		C061
PCB-071	pg/L		C041	C041	C041	C041	C041	C041	C041	C041	C041		C041
PCB-072	pg/L		C041	C041	C041	C041	C041	C041	C041	C041	C041		C041
PCB-073	pg/L		2.7	1.9	3.8	3.5	1.7	2	1.2 U	2.5	0.92	2.9	
PCB-074	pg/L		36	31	39	46	34	49	33	55	27	45	
PCB-075	pg/L		C048	C048	C048	C048	C048	C048	C048	C048	C048		C048
PCB-076	pg/L		C066	C066	C066	C066	C066	C066	C066	C066	C066		C066
PCB-077	pg/L		3.1	2.3	2.5	3	2.4	4	3.7 L	6.7 L	4.2	4.9	L
PCB-078	pg/L		PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC		PRC
PCB-079	pg/L		1.5	1	1.2	1.1	0.74 J	1	0.93 U L	1.2 J L	1.2 J	1.6	J L
PCB-080	pg/L		0.84	1	0.48 J	0.83 J	1.1	1.6	1.5 J L	3.2 L	0.97 J	1.4	J L
PCB-081	pg/L		2.2	1.5	1.7	1.4	1.5	2.2	1.9 J L	3.4 L	1.6 J	1.8	J L
PCB-082	pg/L		7.7	5.6	7.8	7.1	5.2	7.4	8.7 L	9.5 L	8.3 L	9.6	L
PCB-083	pg/L		4.2 C	2.9 C	3.5 C	4.4 C	2.6 C	3.7 C	4.2 C L	4.9 C L	3.4 C L	5.1	C L
PCB-084	pg/L		47 C	33 C	41 C	52 C	27 C	43 C	48 C L	52 C L	40 C L	53	C L
PCB-085	pg/L		9.2 C	6.5 C	9.2 C	8.8 C	6 C	8.9 C	11 C L	14 C L	9.1 C L	13	C L
PCB-086	pg/L		0.34 U	U	0.34 U	0.37 U	0.36 U	0.44 U	1.2 U L	1.2 U L	0.82 U L	1.5	U L
PCB-087	pg/L		22 C	17 C	23 C	21 C	16 C	24 C	26 C L	31 C L	23 C L	30	C L
PCB-088	pg/L		0.24 UC	UC	0.21 UC	0.4 UC	0.3 UC	0.39 UC	1.1 UC L	1.3 UC L	0.57 UC	1.3	UC L
PCB-089	pg/L		1.2	1.4	1.5	1.8	1.2	1.7	2.4 J L	2 J L	1.3 J	2	J L

Table 8
Analytical Results for PCB Congeners in Porewater

		SampID	LDW-Y3-SU-ENR-CA-S010	LDW-Y3-SU-ENR-CB-S010	LDW-Y3-SU-ENR-CC-S010	LDW-Y3-SU-ENR+AC-CA-S010	LDW-Y3-SU-ENR+AC-CC-S010	LDW-Y3-SU-ENR+AC-CD-S010	LDW-Y3-SC-ENR-CA-S010	LDW-Y3-SC-ENR-CC-S010	LDW-Y3-SC-ENR-CD-S010	LDW-Y3-SC-ENR+AC-CA-S010	
		SampDate	9/28/2020	9/28/2020	9/28/2020	9/28/2020	9/28/2020	9/28/2020	9/29/2020	9/29/2020	9/29/2020	9/29/2020	
		Plot	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Scour	Scour	Scour	Scour	
		SubPlot	ENR	ENR	ENR	ENR+AC	ENR+AC	ENR+AC	ENR	ENR	ENR	ENR+AC	
Polychlorinated Biphenyls (PCBs)													
PCB-090	pg/L		83 C	58 C	75 C	88 C	50 C	82 C	87 C L	100 C L	76 C L	110	C L
PCB-091	pg/L		C088	C088	C088	C088	C088	C088	C088	C088	C088		C088
PCB-092	pg/L		C084	C084	C084	C084	C084	C084	C084	C084	C084		C084
PCB-093	pg/L		0.24 U	U	0.22 U	0.23 U	0.17 U	0.22 U	1.2 U L	0.72 U L	0.59 U	1.3	U L
PCB-094	pg/L		0.77 J	0.67 J	0.71 J	0.95 J	0.68 J	1	1.2 U L	1.7 J L	0.63 U	1.7	J L
PCB-095	pg/L		110	81	93	130	69	110	100 L	120 L	84	150	L
PCB-096	pg/L		1.1	0.8	1.1	1.4	0.8	1.3	0.85 U L	1.8 J L	1.6 J L	1.9	J L
PCB-097	pg/L		25	17	22	26	15	24	25 L	30 L	21 L	27	L
PCB-098	pg/L		0.26 UC	UC	0.23 UC	0.27 UC	0.2 UC	0.26 UC	1.2 UC L	0.85 UC L	0.62 UC	1.3	UC L
PCB-099	pg/L		36	24	29	37	19	32	34 L	41 L	30 L	51	L
PCB-100	pg/L		1.2	0.87	1.1	1.6	0.76	1.4	3.1 L	2.6 L	2.3	6.1	L
PCB-101	pg/L		C090	C090	C090	C090	C090	C090	C090	C090	C090		C090
PCB-102	pg/L		C098	C098	C098	C098	C098	C098	C098	C098	C098		C098
PCB-103	pg/L		2.7	1.6	1.5	3.5	1.1	2.5	2.5 J L	3.1 L	2.5	5.1	L
PCB-104	pg/L		PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC		PRC
PCB-105	pg/L		11	7.5	10	10	6.4	11	15 L	19 L	12 L	20	L
PCB-106	pg/L		33 C	22 C	29 C	34 C	20 C	32 C	39 C L	55 C L	33 C L	59	C L
PCB-107	pg/L		3.3 C	0.46 C,J	2.4 C	3.3 C	1.7 C	3 C	3.4 C L	4.8 C L	2.9 C L	5.3	C L
PCB-108	pg/L		C107	C107	C107	C107	C107	C107	C107	C107	C107		C107
PCB-109	pg/L		0.2 U	U	0.21 U	0.26 U	0.25 U	0.31 U	0.87 U L	0.86 U L	0.57 U L	1	U L
PCB-110	pg/L		71	49	64	74	44	70	73 L	87 L	63 L	86	L
PCB-111	pg/L		0.94 C	0.84 C	1.5 C	0.82 C	0.66 C	1.1 C	1.3 C,J L	1.3 C,J L	1.3 C,J L	1.9	C,J L
PCB-112	pg/L		C083	C083	C083	C083	C083	C083	C083	C083	C083		C083
PCB-113	pg/L		0.22 U	U	0.22 U	0.28 U	0.27 U	0.34 U	0.95 U L	0.94 U L	0.63 U L	1.1	U L
PCB-114	pg/L		0.85	0.57	0.77	0.84	0.75	0.98	1.2 J L	1.5 J L	0.57 U L	2	J L
PCB-115	pg/L		C111	C111	C111	C111	C111	C111	C111	C111	C111		C111
PCB-116	pg/L		C085	C085	C085	C085	C085	C085	C085	C085	C085		C085
PCB-117	pg/L		C087	C087	C087	C087	C087	C087	C087	C087	C087		C087
PCB-118	pg/L		C106	C106	C106	C106	C106	C106	C106	C106	C106		C106
PCB-119	pg/L		3	2.3	1.8	3.3	1.2	2.2	2.8 L	2.7 L	2.2 L	4	L
PCB-120	pg/L		0.15 U	U	0.15 U	0.4 J	0.17 U	0.22 U	0.71 U L	0.73 U L	0.48 U L	0.88	U L
PCB-121	pg/L		PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC		PRC
PCB-122	pg/L		0.49	0.25 J	0.5 J	0.42 J	0.25 J	0.52 J	0.7 U L	1.3 J L	0.57 U L	1.1	U L
PCB-123	pg/L		0.7	0.51 J	0.6	0.64 J	0.43 J	0.77	1 J L	1.2 J L	0.97 J L	1.8	J L
PCB-124	pg/L		1.7	1.1	1.6	1.5	1.1	1.8	2.4 L	3.3 L	2 L	4	L
PCB-125	pg/L		C087	C087	C087	C087	C087	C087	C087	C087	C087		C087
PCB-126	pg/L		0.14 U	U	0.17 U	0.18 U	0.11 U	0.2 U	0.72 U L	0.93 U L	0.55 U L	1.1	U L
PCB-127	pg/L		0.14 U	U	0.16 U	0.17 U	0.099 U	0.17 U	0.68 U L	0.78 U L	0.58 U L	1.1	U L
PCB-128	pg/L		3.1 C	1.7 C	2.2 C	2.7 C	1.4 C	2.7 C	5.2 C L	8.3 C L	4.6 C L	8.3	C L
PCB-129	pg/L		1.2	0.79	0.9	0.89	0.51	0.93	2 L	2.9 L	2.1 L	3.2	L
PCB-130	pg/L		1.9	1.1	1.3	1.6	0.73	1.4	3.3 L	4 L	2.7 L	4.3	L
PCB-131	pg/L		0.3 UB C	UB C	0.33 UB C	0.45 UB C	0.27 UB C	0.38 UB C	1.8 UB C,J L	1.9 UB C L	1.5 UB C L	2	UB C L
PCB-132	pg/L		10 C	6 C	6.4 C	8.3 C	4 C	8.3 C	13 C L	19 C L	14 C L	26	C L
PCB-133	pg/L		C131	C131	C131	C131	C131	C131	C131	C131	C131		C131
PCB-134	pg/L		2.3 C	1.6 C	2 C	2.2 C	1.1 C	2.1 C	3.8 C L	5 C L	3.7 C L	6.3	C L
PCB-135	pg/L		5.2	3.3	3.7	6	2.6	5.1	7.4 L	13 L	8.2 L	16	L
PCB-136	pg/L		5.9	4	4.5	6.9	3	6.5	12 L	17 L	10 L	19	L
PCB-137	pg/L		1.2	0.69	0.76	0.87	0.51	1	1.4 J L	2.2 L	2.4 L	4.2	L
PCB-138	pg/L		24 C	14 C	17 C	22 C	10 C	21 C	38 C L	62 C L	39 C L	73	C L
PCB-139	pg/L		31 C	20 C	22 C	31 C	14 C	28 C	46 C L	72 C L	49 C L	100	C L
PCB-140	pg/L		0.54	0.28 J	0.29 J	0.44 J	0.12 U	0.43	0.72 U L	0.94 U L	0.67 U L	1.2	U L

Table 8
Analytical Results for PCB Congeners in Porewater

		SampID	LDW-Y3-SU-ENR-CA-S010	LDW-Y3-SU-ENR-CB-S010	LDW-Y3-SU-ENR-CC-S010	LDW-Y3-SU-ENR+AC-CA-S010	LDW-Y3-SU-ENR+AC-CC-S010	LDW-Y3-SU-ENR+AC-CD-S010	LDW-Y3-SC-ENR-CA-S010	LDW-Y3-SC-ENR-CC-S010	LDW-Y3-SC-ENR-CD-S010	LDW-Y3-SC-ENR+AC-CA-S010	
		SampDate	9/28/2020	9/28/2020	9/28/2020	9/28/2020	9/28/2020	9/28/2020	9/29/2020	9/29/2020	9/29/2020	9/29/2020	
		Plot	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Scour	Scour	Scour	Scour	
		SubPlot	ENR	ENR	ENR	ENR+AC	ENR+AC	ENR+AC	ENR	ENR	ENR	ENR+AC	
Polychlorinated Biphenyls (PCBs)													
PCB-141	pg/L		4.6	2.7	3.4	3.7	2	3.8	6.7 L	10 L	7.4 L	15	L
PCB-142	pg/L		PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC		PRC
PCB-143	pg/L		C134	C134	C134	C134	C134	C134	C134	C134	C134		C134
PCB-144	pg/L		2.1	1.5	1.5	1.5	0.77	1.8	3.4 L	4.1 L	3 L	6.4	L
PCB-145	pg/L		0.11 U	U	0.12 U	0.14 U	0.082 U	0.13 U	0.73 U L	0.66 U L	0.47 U L	0.85	U L
PCB-146	pg/L		4.4 C	2.6 C	2.8 C	4.4 C	1.8 C	3.8 C	6.8 C L	9.9 C L	6.9 C L	15	C L
PCB-147	pg/L		0.86	0.53	0.57	0.73	0.31	0.64	1.4 J L	1.8 J L	1.3 J L	6.6	L
PCB-148	pg/L		0.18 U	U	0.2 U	0.19 U	0.11 U	0.17 U	0.99 U L	0.78 U L	0.63 U L	1	U L
PCB-149	pg/L		C139	C139	C139	C139	C139	C139	C139	C139	C139		C139
PCB-150	pg/L		0.11 U	U	0.12 U	0.14 U	0.082 U	0.13 U	0.72 U L	0.66 U L	0.47 U L	0.83	U L
PCB-151	pg/L		9.5	6.2	7.3	8.7	4.3	8.6	16 L	22 L	16 L	33	L
PCB-152	pg/L		0.11 U	U	0.12 U	0.13 U	0.076 U	0.12 U	0.73 U L	0.61 U L	0.47 U L	0.84	U L
PCB-153	pg/L		25	15	17	20	9.5	19	43 L	59 L	43 L	88	L
PCB-154	pg/L		1.1	0.69	0.74	1.2	0.49	1	3.7 L	3.2 L	2.8 L	8	L
PCB-155	pg/L		PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC		PRC
PCB-156	pg/L		1.5	0.73	0.93	1.2	0.61	1.2	2.7 L	4.1 L	2.6 L	4.6	L
PCB-157	pg/L		0.33	0.18 J	0.26	0.36	0.15 J	0.34	0.56 U L	1.1 J L	0.83 J L	1.5	J L
PCB-158	pg/L		2.5 C	1.4 C	1.8 C	2.3 C	1.2 C	2.2 C	4.2 C L	5.9 C L	3.9 C L	7	C L
PCB-159	pg/L		0.33	0.22 J	0.2 J	0.27 J	0.14 J	0.27 J	1.5 J L	1.4 J L	0.99 J L	0.81	U L
PCB-160	pg/L		C158	C158	C158	C158	C158	C158	C158	C158	C158		C158
PCB-161	pg/L		C132	C132	C132	C132	C132	C132	C132	C132	C132		C132
PCB-162	pg/L		C128	C128	C128	C128	C128	C128	C128	C128	C128		C128
PCB-163	pg/L		C138	C138	C138	C138	C138	C138	C138	C138	C138		C138
PCB-164	pg/L		C138	C138	C138	C138	C138	C138	C138	C138	C138		C138
PCB-165	pg/L		C146	C146	C146	C146	C146	C146	C146	C146	C146		C146
PCB-166	pg/L		0.092 U	U	0.12 U	0.16 U	0.085 U	0.13 U	0.57 U L	0.82 U L	0.54 U L	0.92	U L
PCB-167	pg/L		0.67	0.36	0.46	0.59	0.29	0.53	1.4 J L	1.9 L	1.3 J L	2.7	L
PCB-168	pg/L		0.094 U	U	0.12 U	0.17 U	0.088 U	0.14 U	0.55 U L	0.84 U L	0.52 U L	0.95	U L
PCB-169	pg/L		0.062 U	U	0.077 U	0.12 U	0.062 U	0.11 U	0.48 U L	0.82 U L	0.47 U L	0.82	U L
PCB-170	pg/L		2.1	0.83	0.95	1.4 L	0.63	1.6	5.1 L	10 L	5.1 L	11	L
PCB-171	pg/L		0.89	0.32	0.46	0.69 L	0.31	0.56	2.6 L	3.7 L	2.9 L	4.9	L
PCB-172	pg/L		0.56	0.28	0.23	0.3 L	0.15	0.34	0.91 L	5 L	1.6 L	3	L
PCB-173	pg/L		0.066 U	U	0.068 U	0.1 U L	0.055 U	0.073 U	0.75 U L	0.85 U L	0.71 U L	0.98	U L
PCB-174	pg/L		3.3	1.5	1.7	2.7 L	1.1	2.6	7.1 L	16 L	8.3 L	15	L
PCB-175	pg/L		0.18	U	0.061 U	0.086 U L	0.047 U	0.062 U	0.65 U L	0.73 U L	0.61 U L	0.87	U L
PCB-176	pg/L		0.5	0.2	0.28	0.5 L	0.14	0.41	0.46 U L	2.6 L	1.7 L	2.5	L
PCB-177	pg/L		2.2	0.95	1.1	1.7 L	0.63	1.5	5.6 L	9.3 L	5.3 L	13	L
PCB-178	pg/L		0.81	0.42	0.5	0.74 L	0.29	0.7	2.6 L	3.6 L	2.4 L	5.4	L
PCB-179	pg/L		1.5	0.72	0.85	1.3 L	0.49	1.2	4.1 L	7.5 L	4.7 L	9.6	L
PCB-180	pg/L		5.7	2.3	2.6	4.7 L	1.9	4.3	14 L	27 L	14 L	31	L
PCB-181	pg/L		0.06 U	U	0.061 U	0.091 U L	0.05 U	0.066 U	0.7 U L	0.77 U L	0.66 U L	0.89	U L
PCB-182	pg/L		4.6 C	2.2 C	2.2 C	3.5 C L	1.4 C	3.4 C	12 C L	20 C L	12 C L	26	C L
PCB-183	pg/L		2.1	0.99	1.1	1.6 L	0.64	1.6	5.4 L	9.2 L	5.6 L	11	L
PCB-184	pg/L		PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC		PRC

Table 8
Analytical Results for PCB Congeners in Porewater

		SampID	LDW-Y3-SU-ENR-CA-S010	LDW-Y3-SU-ENR-CB-S010	LDW-Y3-SU-ENR-CC-S010	LDW-Y3-SU-ENR+AC-CA-S010	LDW-Y3-SU-ENR+AC-CC-S010	LDW-Y3-SU-ENR+AC-CD-S010	LDW-Y3-SC-ENR-CA-S010	LDW-Y3-SC-ENR-CC-S010	LDW-Y3-SC-ENR-CD-S010	LDW-Y3-SC-ENR+AC-CA-S010	
		SampDate	9/28/2020	9/28/2020	9/28/2020	9/28/2020	9/28/2020	9/28/2020	9/29/2020	9/29/2020	9/29/2020	9/29/2020	
		Plot	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Scour	Scour	Scour	Scour	
		SubPlot	ENR	ENR	ENR	ENR+AC	ENR+AC	ENR+AC	ENR	ENR	ENR	ENR+AC	
Polychlorinated Biphenyls (PCBs)													
PCB-185	pg/L		0.46	0.2	0.22	0.32 L	0.2	0.39	0.66 U L	2.8 L	0.62 U L	2.6	L
PCB-186	pg/L		0.037 U	U	0.038 U	0.058 U L	0.03 U	0.041 U	0.46 U L	0.56 U L	0.45 U L	0.64	U L
PCB-187	pg/L		C182	C182	C182	C182	C182	C182	C182	C182	C182		C182
PCB-188	pg/L		0.14	0.13	0.15	0.26 L	0.088 J	0.17 J	0.51 U L	0.63 U L	0.52 U L	0.71	U L
PCB-189	pg/L		0.028 U	U	0.032 U	0.052 U L	0.028 U	0.036 U L	0.43 U L	0.56 U L	0.4 U L	0.55	U L
PCB-190	pg/L		0.41	0.18	0.24	0.39 L	0.16	0.34	0.51 U L	2.7 L	1.5 L	2.7	L
PCB-191	pg/L		0.12	U	0.041 U	0.062 U L	0.033 U	0.045 U	0.51 U L	0.59 U L	0.49 U L	0.62	U L
PCB-192	pg/L		PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC		PRC
PCB-193	pg/L		0.35	0.13	0.17	0.32 L	0.1 J	0.35	0.48 U L	1.9 L	0.47 U L	1.8	L
PCB-194	pg/L		0.4	0.13	0.17	0.28 L	0.11	0.28 L	1.2 L	2.9 L	1.8 L	3.8	L
PCB-195	pg/L		0.23	0.089	0.097	0.14 L	0.071	0.14 L	0.39 U L	1.7 L	0.86 J L	1.7	L
PCB-196	pg/L		0.62 C	0.2 C	0.24 C	0.42 C L	0.16 C	0.46 C L	2 C L	4.5 C L	2.4 C L	5.5	C L
PCB-197	pg/L		0.051 UB	UB	0.064 UB L	0.023 L	0.021	0.026 L	0.044 L	1.3 L	0.19 L	0.93	L
PCB-198	pg/L		0.029 U	U	0.027 U	0.059 U L	0.021 U	0.046 U L	0.6 U L	0.84 U L	0.56 U L	1.3	U L
PCB-199	pg/L		0.46	0.13	0.21 L	0.4 L	0.11	0.34 L	2.2 L	4.3 L	2.7 L	4.5	L
PCB-200	pg/L		0.017 U	U	0.016 U L	0.036 U L	0.012 U	0.027 U L	0.42 U L	0.59 U L	0.41 U L	0.86	U L
PCB-201	pg/L		0.082	30	0.02 U	0.041 U L	0.015 U	0.033 U L	0.46 U L	0.6 U L	0.43 U L	0.92	U L
PCB-202	pg/L		0.13	U	0.018 U L	0.04 U L	0.014 U	0.11 L	0.48 U L	0.67 U L	0.47 U L	0.94	U L
PCB-203	pg/L		C196	C196	C196	C196	C196	C196	C196	C196	C196		C196
PCB-204	pg/L		PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC		PRC
PCB-205	pg/L		0.022 U	U	0.029 U	0.038 U L	0.015 U	0.033 U L	0.3 U L	0.56 U L	0.38 U L	0.46	U L
PCB-206	pg/L		0.086	0.023 J L	0.029 J L	0.063 J L	0.019 J	0.051 J L	0.26 U L	1.2 J L	0.5 U L	1.1	U L
PCB-207	pg/L		0.012 L	UB L	0.031 UB L	0.0039 L	0.021 UB	0.045 UB L	0.76 UB L	0.46 L	0.11 L	0.059	L
PCB-208	pg/L		0.019 J L	U L	0.0084 U L	0.017 U L	0.0059 U	0.018 J L	0.18 U L	0.54 U L	0.36 U L	0.56	U L
PCB-209	pg/L		0.0043 L	UB L	0.015 UB L	0.013 L	0.00038 L	0.0083 L	0.33 L	0.67 L	0.84 UB L	0.82	L

Abbreviations:

B = Background concentration exceeds detected concentration
C = Coelution with one or more PCB congeners; the numerical value indicates the lower congener co-eluter
ENR = Enhanced natural recovery
ENR+AC = Enhanced natural recovery amended with activated carbon
J = Analyte concentration is below calibration range
L = Percent to steady state less than 20%. Concentration is considered estimated
PCB = Polychlorinated biphenyl
pg/L = picogram(s) per liter
PRC = Performance recovery compound
U = Not detected at the estimated detection limit

Table 8
Analytical Results for PCB Congeners in Porewater

	SampID	LDW-Y3-SC-ENR+AC-CB-S010	LDW-Y3-SC-ENR+AC-CC-S010	LDW-Y3-IN-ENR-CB-S010	LDW-Y3-IN-ENR-CC-S010	LDW-Y3-IN-ENR-CD-S010	LDW-Y3-IN-ENR+AC-CA-S010	LDW-Y3-IN-ENR+AC-CB-S010	LDW-Y3-IN-ENR+AC-CC-S010	LDW-Y3-SC-ENR-CA-S010-LONG
	SampDate	9/29/2020	9/29/2020	9/29/2020	9/29/2020	9/29/2020	9/29/2020	9/29/2020	9/29/2020	9/29/2020
	Plot	Scour	Scour	Intertidal	Intertidal	Intertidal	Intertidal	Intertidal	Intertidal	Scour
	SubPlot	ENR+AC	ENR+AC	ENR	ENR	ENR	ENR+AC	ENR+AC	ENR+AC	ENR
Polychlorinated Biphenyls (PCBs)										
PCBs (Total, Congeners)	pg/L	3300	2900	1900	1500	1400	1000	700	650	2800
PCB-001	pg/L	9.9 U	14 U	6.9 U	14 U	8 U	6 U	6.6 U	5.8 U	6.4 U
PCB-002	pg/L	2.5 U	4.4 U	1.7 U	4.2 U	2.1 U	1.7 U	1.8 U	1.6 U	2 U
PCB-003	pg/L	2.7 U	4.7 U	1.8 U	4.4 U	2.2 U	1.8 U	1.9 U	1.7 U	2.2 U
PCB-004	pg/L	31	66	22	37	27	17	21	13 J	120
PCB-005	pg/L	3.2 U	6.1 U	3 U	5.8 U	3.2 U	3.3 U	2.9 U	2.8 U	3.5 U
PCB-006	pg/L	11	23	7 J	13	7.2	6.4 J	7.1 J	4.2 J	36
PCB-007	pg/L	3 U	8.6 J	2.8 U	5.4 U	2.9 U	3.1 U	2.7 U	2.6 U	3.5 U
PCB-008	pg/L	43	76	20	26	16	14	14	10	140
PCB-009	pg/L	3.1 U	6.2 U	2.9 U	5.6 U	3 U	3.2 U	2.8 U	2.7 U	9.9
PCB-010	pg/L	5.9 U	10 U	5.6 U	9.7 U	5.6 U	5.8 U	5.2 U	5.1 U	5.9 U
PCB-011	pg/L	2.2	5.1	0.65	6 UB	0.58	5.1 UB J	4.2 UB	4.6 UB J	5 UB
PCB-012	pg/L	2 U	3.7 U	1.9 U	3.5 U	2 U	2 U	1.6 U	1.6 U	2.3 U
PCB-013	pg/L	2.1 U	3.5 U	1.9 U	3.6 U	2 U	2 U	1.7 U	1.7 U	2.2 U
PCB-014	pg/L	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC
PCB-015	pg/L	6.1	14	5.3	8.3	4.9	3.2 J	3.6 J	2.6 J	23
PCB-016	pg/L	44	58	9.5	13	8.3	9.2	9.2	5.1	66
PCB-017	pg/L	67	100	17	26	17	17	14	10	110
PCB-018	pg/L	160	220	43	64	43	41	34	25	280
PCB-019	pg/L	24	35	7.6	14	7.8	6.7 J	6.8	4.7 J	56
PCB-020	pg/L	70 C	87 C	17 C	24 C	16 C	13 C	12 C	9.9 C	100 C
PCB-021	pg/L	C020	C020	C020	C020	C020	C020	C020	C020	C020
PCB-022	pg/L	36	46	11	14	10	6.9	6.4	5.5	53
PCB-023	pg/L	1.5 U	1.9 U	1.7 U	2 U	1.2 U	1.8 U	1.1 U	0.89 U	1.5 U
PCB-024	pg/L	8.3	11	2.9 J	6.1	3.9 J	2.2 J	2.5 J	1.4 U	13
PCB-025	pg/L	14	17	8.5	13	9.7	7.5	5.7	3.9	21
PCB-026	pg/L	27	29	19	27	19	17	12	8.7	37
PCB-027	pg/L	7.5	11	3.1 J	4.6 J	3.5 J	2.1 J	2.4 J	1.3 U	18
PCB-028	pg/L	94	120	31	42	33	23	22	17	150
PCB-029	pg/L	1.5 U	1.8 U	1.7 U	2.1 U	1.3 U	1.8 U	1.1 U	0.91 U	1.4 U
PCB-030	pg/L	2.1 U	3.3 U	1.5 U	3.2 U	1.8 U	0.98 U	1.2 U	1.3 U	2.1 U
PCB-031	pg/L	88	140	29	40	30	22	20	16	160
PCB-032	pg/L	46	82	9.6	19	11	9.2	6.9	6.9	100
PCB-033	pg/L	C020	C020	C020	C020	C020	C020	C020	C020	C020
PCB-034	pg/L	1.6 U	1.9 U	1.8 U	2.1 U	1.3 U	1.9 U	1.1 U	0.93 U	1.4 U
PCB-035	pg/L	1.4 U	1.3 U	1.6 U	1.6 U	1.1 U	1.4 U	0.79 U	0.7 U	1.1 U
PCB-036	pg/L	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC
PCB-037	pg/L	18	17	6.1	9.9	6.2	3.5	3.1	2.7	20
PCB-038	pg/L	1.4 U	1.2 U	1.6 U	1.6 U	1.1 U	1.4 U	0.8 U	0.71 U	1 U
PCB-039	pg/L	1.3 U	1.3 U	1.5 U	1.5 U	1 U	1.4 U	0.76 U	0.68 U	1 U
PCB-040	pg/L	20	27	7.9	8.9	6.4	5.8	4.5	3.8	19
PCB-041	pg/L	94 C	110 C	38 C	37 C	32 C	25 C	18 C	16 C	78 C
PCB-042	pg/L	43 C	52 C	18 C	20 C	15 C	13 C	8.8 C	8.3 C	40 C
PCB-043	pg/L	110 C	130 C	70 C	80 C	58 C	52 C	33 C	30 C	97 C
PCB-044	pg/L	100	130	56	65	47	42	30	24	96
PCB-045	pg/L	29	47	9.4	14	9	7.7	5.3	4.7	36
PCB-046	pg/L	12	18	4.3	6	4.3	3.6	2.4	2.3 J	16

Table 8
Analytical Results for PCB Congeners in Porewater

	SampID	LDW-Y3-SC-ENR+AC-CB-S010	LDW-Y3-SC-ENR+AC-CC-S010	LDW-Y3-IN-ENR-CB-S010	LDW-Y3-IN-ENR-CC-S010	LDW-Y3-IN-ENR-CD-S010	LDW-Y3-IN-ENR+AC-CA-S010	LDW-Y3-IN-ENR+AC-CB-S010	LDW-Y3-IN-ENR+AC-CC-S010	LDW-Y3-SC-ENR-CA-S010-LONG
	SampDate	9/29/2020	9/29/2020	9/29/2020	9/29/2020	9/29/2020	9/29/2020	9/29/2020	9/29/2020	9/29/2020
	Plot	Scour	Scour	Intertidal	Intertidal	Intertidal	Intertidal	Intertidal	Intertidal	Scour
	SubPlot	ENR+AC	ENR+AC	ENR	ENR	ENR	ENR+AC	ENR+AC	ENR+AC	ENR
Polychlorinated Biphenyls (PCBs)										
PCB-047	pg/L	37	55	24	27	21	14	11	11	34
PCB-048	pg/L	26 C	31 C	8.6 C	9.4 C	7.7 C	6.5 C	5.2 C	4 C	23 C
PCB-049	pg/L	C043	C043	C043	C043	C043	C043	C043	C043	C043
PCB-050	pg/L	2.5 J	3 J	1.3 U	1.7 U	2.5 J	1.6 J	0.81 U	0.95 U	2.4 J
PCB-051	pg/L	9.7	16	3.7 J	5.1	4	3.8	2.7	2.2 J	13
PCB-052	pg/L	140 C	180 C	120 C	130 C	98 C	86 C	56 C	46 C	130 C
PCB-053	pg/L	30	39	14	18	12	11	7.5	7.2	36
PCB-054	pg/L	1.5 U	1.7 U	0.99 U	1.3 U	0.98 U	0.88 U	0.59 U	0.71 U	0.75 U
PCB-055	pg/L	3.3	3	1.9	3.4	1.9	1.2	1.2	1.2	3
PCB-056	pg/L	58 C	46 C	19 C	17 C	15 C	9.5 C	7.6 C	8 C	42 C
PCB-057	pg/L	1.3 U	1.1 U	0.88 U	0.87 U	1.1 J	0.63 U	0.38 U	0.5 U	0.48 U
PCB-058	pg/L	1.3 U	1.1 U	0.9 U	0.89 U	0.8 U	0.64 U	0.38 U	0.51 U	0.48 U
PCB-059	pg/L	C042	C042	C042	C042	C042	C042	C042	C042	C042
PCB-060	pg/L	C056	C056	C056	C056	C056	C056	C056	C056	C056
PCB-061	pg/L	91 C	90 C	44 C	40 C	36 C	25 C	19 C	17 C	64 C
PCB-062	pg/L	1.5 U	1.4 U	1 U	1.2 U	0.96 U	0.82 U	0.53 U	0.66 U	0.69 U
PCB-063	pg/L	4	5.3	2.2 J	2.3 J	1.8 J	1.1 J	1.1 J	1.2 J	3
PCB-064	pg/L	C041	C041	C041	C041	C041	C041	C041	C041	C041
PCB-065	pg/L	1.4 U	1.4 U	0.97 U	1.1 U	0.92 U	0.79 U	0.51 U	0.63 U	0.61 U
PCB-066	pg/L	73 C	73 C	37 C	33 C	29 C	20 C	15 C	14 C	53 C
PCB-067	pg/L	3.5	5.1	2.7 J	2.7	2 J	1.2 J	1.2 J	0.92 J	2.5
PCB-068	pg/L	2 J	2.3	2.4 J	2.1 J	1.7 J	1.2 J	0.8 J	1.1 J	1 J
PCB-069	pg/L	C052	C052	C052	C052	C052	C052	C052	C052	C052
PCB-070	pg/L	C061	C061	C061	C061	C061	C061	C061	C061	C061
PCB-071	pg/L	C041	C041	C041	C041	C041	C041	C041	C041	C041
PCB-072	pg/L	C041	C041	C041	C041	C041	C041	C041	C041	C041
PCB-073	pg/L	1.6	2.3	1.7	2.3	1.3	1.3 J	0.79 J	0.61 J	0.85 J
PCB-074	pg/L	40	42	18	16	15	9.8	7.8	7.3	29
PCB-075	pg/L	C048	C048	C048	C048	C048	C048	C048	C048	C048
PCB-076	pg/L	C066	C066	C066	C066	C066	C066	C066	C066	C066
PCB-077	pg/L	5.3 L	3.5	2.6 J L	1.1 U	1.6 J L	0.97 U	0.82 J	0.54 U	3.5
PCB-078	pg/L	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC
PCB-079	pg/L	1.2 U L	0.84 U	1.2 U L	1 U	0.76 U L	0.92 U	0.43 U	0.5 U	1.1 J
PCB-080	pg/L	1.3 J L	0.76 U	0.72 U L	1 J	0.9 J L	0.46 U	0.25 U	0.59 J	0.64 J
PCB-081	pg/L	3.6 L	0.83 U	1.9 J L	1.1 U	1.3 J L	0.91 U	0.83 J	0.49 U	2.1
PCB-082	pg/L	12 L	8.9	9.2 L	6.2 L	5.4 L	4.5	2.8	3.2	5.7
PCB-083	pg/L	5.7 C L	3.5 C	5.9 C L	3.9 C L	4 C L	3.1 C	1.6 C	2.1 C	2.7 C
PCB-084	pg/L	64 C L	36 C	59 C L	38 C	38 C L	33 C	17 C	18 C	31 C
PCB-085	pg/L	17 C L	9.6 C	15 C L	9.8 C L	8.7 C L	6.5 C	4.3 C	4.3 C	7.2 C
PCB-086	pg/L	2 U L	1.2 U	1.5 U L	1.5 U L	1.2 U L	0.75 U	0.38 U	0.68 U	0.69 U
PCB-087	pg/L	38 C L	22 C	32 C L	20 C L	20 C L	16 C	9.4 C	9.7 C	17 C
PCB-088	pg/L	1.2 UC L	1.1 UC	1 UC L	1.1 UC	0.77 UC L	0.62 UC	0.35 UC	0.48 UC	0.5 UC
PCB-089	pg/L	2.4 J L	1.2 U	1.5 U L	1.7 U	1.3 U L	1.1 J	0.45 U	0.76 U	1.2 J

Table 8
Analytical Results for PCB Congeners in Porewater

		SampID	LDW-Y3-SC-ENR+AC-CB-S010	LDW-Y3-SC-ENR+AC-CC-S010	LDW-Y3-IN-ENR-CB-S010	LDW-Y3-IN-ENR-CC-S010	LDW-Y3-IN-ENR-CD-S010	LDW-Y3-IN-ENR+AC-CA-S010	LDW-Y3-IN-ENR+AC-CB-S010	LDW-Y3-IN-ENR+AC-CC-S010	LDW-Y3-SC-ENR-CA-S010-LONG
		SampDate	9/29/2020	9/29/2020	9/29/2020	9/29/2020	9/29/2020	9/29/2020	9/29/2020	9/29/2020	9/29/2020
		Plot	Scour	Scour	Intertidal	Intertidal	Intertidal	Intertidal	Intertidal	Intertidal	Scour
		SubPlot	ENR+AC	ENR+AC	ENR	ENR	ENR	ENR+AC	ENR+AC	ENR+AC	ENR
Polychlorinated Biphenyls (PCBs)											
PCB-090	pg/L		130 C L	75 C	100 C L	64 C L	64 C L	51 C	29 C	32 C	56 C
PCB-091	pg/L		C088	C088	C088	C088	C088	C088	C088	C088	C088
PCB-092	pg/L		C084	C084	C084	C084	C084	C084	C084	C084	C084
PCB-093	pg/L		1.2 U L	1.1 U	1.1 U L	1.2 U	0.8 U L	0.65 U	0.36 U	0.5 U	0.51 U
PCB-094	pg/L		1.3 U L	1.2 U	1.1 U L	1.2 U	0.84 U L	0.69 U	0.38 U	0.52 U	0.7 J
PCB-095	pg/L		160 L	100	140 L	100	94 L	76	43	42	69
PCB-096	pg/L		2 J L	1.5	0.78 U L	0.79 U	0.57 U L	0.45 U	0.24 U	0.34 U	1 J
PCB-097	pg/L		37 L	21	30 L	19 L	19 L	15	8.6	9.5	16
PCB-098	pg/L		1.2 UC L	1.2 UC	1 UC L	1.1 UC	0.78 UC L	0.63 UC	0.35 UC	0.48 UC	0.54 UC
PCB-099	pg/L		55 L	28	47 L	29 L	30 L	23	13	14	23
PCB-100	pg/L		3.2 L	2	2.9 J L	1 U	2.3 L	1.4 J	0.99 J	0.44 U	1.3 J
PCB-101	pg/L		C090	C090	C090	C090	C090	C090	C090	C090	C090
PCB-102	pg/L		C098	C098	C098	C098	C098	C098	C098	C098	C098
PCB-103	pg/L		4.6 L	2.4	2.8 J L	1 U	2.2 J L	1.4 J	0.79 J	0.44 U	1.9
PCB-104	pg/L		PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC
PCB-105	pg/L		27 L	12	19 L	11 L	12 L	7.2 L	4.6	5.8 L	8
PCB-106	pg/L		72 C L	34 C	62 C L	32 C L	37 C L	23 C L	15 C	17 C L	24 C
PCB-107	pg/L		6.3 C L	3.1 C	4.9 C L	3.7 C L	3.5 C L	2 C L	1.3 C	1.7 C L	1.9 C
PCB-108	pg/L		C107	C107	C107	C107	C107	C107	C107	C107	C107
PCB-109	pg/L		1.4 U L	0.7 U	1.1 U L	1 U L	0.87 U L	0.53 U	0.27 U	0.48 U	0.48 U
PCB-110	pg/L		110 L	58	100 L	62 L	61 L	47	28	30	48
PCB-111	pg/L		1.4 UC L	1.1 C	1.1 UC L	0.95 UC L	0.84 UC L	1.1 C,J L	0.38 C,J	0.45 UC	0.95 C,J
PCB-112	pg/L		C083	C083	C083	C083	C083	C083	C083	C083	C083
PCB-113	pg/L		1.4 U L	0.75 U	1.1 U L	1.1 U L	0.92 U L	0.56 U	0.28 U	0.5 U	0.53 U
PCB-114	pg/L		1.9 J L	0.51 U	1.7 J L	0.96 U L	1.3 J L	0.61 U L	0.49 J	0.53 U L	0.59 J
PCB-115	pg/L		C111	C111	C111	C111	C111	C111	C111	C111	C111
PCB-116	pg/L		C085	C085	C085	C085	C085	C085	C085	C085	C085
PCB-117	pg/L		C087	C087	C087	C087	C087	C087	C087	C087	C087
PCB-118	pg/L		C106	C106	C106	C106	C106	C106	C106	C106	C106
PCB-119	pg/L		3.9 L	2.3	3.5 L	2.4 L	2.6 L	1.7 J	0.88 J	1.1 J	1.6
PCB-120	pg/L		1.2 U L	0.54 U	0.97 U L	0.81 U L	0.75 U L	0.43 U L	0.2 U	0.39 U L	0.36 U
PCB-121	pg/L		PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC
PCB-122	pg/L		1.2 U L	0.54 U	1.3 U L	0.91 U L	0.9 U L	0.58 U L	0.27 U	0.47 U L	0.5 J
PCB-123	pg/L		2.2 J L	0.57 U	1.5 U L	1.1 U L	1.2 J L	0.67 U L	0.39 J	0.58 U L	0.68 J
PCB-124	pg/L		4.6 L	2	3 J L	1.8 L	2.4 L	1.5 J L	0.94	0.82 J L	1.3
PCB-125	pg/L		C087	C087	C087	C087	C087	C087	C087	C087	C087
PCB-126	pg/L		1.3 U L	0.48 U L	1.4 U L	0.94 U L	0.9 U L	0.63 U L	0.25 U	0.52 U L	0.32 U L
PCB-127	pg/L		1.3 U L	0.45 U L	1.4 U L	0.87 U L	0.94 U L	0.57 U L	0.25 U	0.46 U L	0.27 U L
PCB-128	pg/L		13 C L	3.9 C L	10 C L	4.1 C L	6.2 C L	3.4 C L	1.8 C L	2.6 C L	2.4 C L
PCB-129	pg/L		5.8 L	1.9 L	4 L	2.2 L	2.5 L	1.6 L	0.76 L	1 J L	0.89 L
PCB-130	pg/L		6.8 L	1.9 L	5.1 L	1.9 L	3.1 L	2.1 L	0.94 L	1.3 L	1.6 L
PCB-131	pg/L		2.9 UB C L	0.7 UB C L	3.4 UB C L	1.2 UB C L	1.8 UB C L	1.3 UB C,J L	0.57 UB C	1.1 UB C,J L	0.68 UB C L
PCB-132	pg/L		36 C L	12 C L	27 C L	11 C L	13 C L	8.2 C L	4.6 C	6.1 C L	6.4 C L
PCB-133	pg/L		C131	C131	C131	C131	C131	C131	C131	C131	C131
PCB-134	pg/L		8 C L	3.4 C L	6.9 C L	3.6 C L	3.7 C L	2.6 C L	1.3 C	1.6 C L	1.8 C L
PCB-135	pg/L		21 L	6.5 L	15 L	8.1 L	9.2 L	5.7 L	3.2	4.2 L	4.2 L
PCB-136	pg/L		28 L	8.4 L	16 L	6.9 L	9.3 L	5.3 L	2.9	4.1 L	5.4 L
PCB-137	pg/L		3.3 L	1.4 L	4.4 L	2 L	2.1 L	1.3 L	0.83 L	1.1 L	0.72 L
PCB-138	pg/L		100 C L	30 C L	68 C L	26 C L	35 C L	22 C L	12 C L	16 C L	19 C L
PCB-139	pg/L		120 C L	40 C L	71 C L	30 C L	38 C L	24 C L	14 C	17 C L	26 C L
PCB-140	pg/L		1.5 U L	0.58 U L	1.5 U L	0.85 U L	0.82 U L	0.69 U L	0.21 U	0.37 U L	0.35 U L

Table 8
Analytical Results for PCB Congeners in Porewater

SampID		LDW-Y3-SC-ENR+AC-CB-S010	LDW-Y3-SC-ENR+AC-CC-S010	LDW-Y3-IN-ENR-CB-S010	LDW-Y3-IN-ENR-CC-S010	LDW-Y3-IN-ENR-CD-S010	LDW-Y3-IN-ENR+AC-CA-S010	LDW-Y3-IN-ENR+AC-CB-S010	LDW-Y3-IN-ENR+AC-CC-S010	LDW-Y3-SC-ENR-CA-S010-LONG
SampDate		9/29/2020	9/29/2020	9/29/2020	9/29/2020	9/29/2020	9/29/2020	9/29/2020	9/29/2020	9/29/2020
Plot		Scour	Scour	Intertidal	Intertidal	Intertidal	Intertidal	Intertidal	Intertidal	Scour
SubPlot		ENR+AC	ENR+AC	ENR	ENR	ENR	ENR+AC	ENR+AC	ENR+AC	ENR
Polychlorinated Biphenyls (PCBs)										
PCB-141	pg/L	19 L	6 L	12 L	4.7 L	6.8 L	3.8 L	2.1 L	3.2 L	3.5 L
PCB-142	pg/L	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC
PCB-143	pg/L	C134	C134	C134	C134	C134	C134	C134	C134	C134
PCB-144	pg/L	8.4 L	2.8 L	4.1 L	2.3 L	2.3 L	1.3 J L	0.61	0.83 J L	1.4 L
PCB-145	pg/L	1.6 U L	0.38 U L	1.2 U L	0.68 U L	0.78 U L	0.38 U L	0.2 U	0.4 U L	0.27 U L
PCB-146	pg/L	20 C L	5.4 C L	13 C L	5.5 C L	7.1 C L	4.4 C L	2.1 C L	3.2 C L	3.4 C L
PCB-147	pg/L	3 L	0.67 J L	3.1 J L	1.9 L	1.9 L	1 J L	0.69	0.86 J L	0.59 J L
PCB-148	pg/L	1.9 U L	0.6 U L	1.3 U L	0.87 U L	0.93 U L	0.47 U L	0.27 U	0.5 U L	0.4 U L
PCB-149	pg/L	C139	C139	C139	C139	C139	C139	C139	C139	C139
PCB-150	pg/L	1.6 U L	0.37 U L	1.1 U L	0.66 U L	0.76 U L	0.37 U L	0.2 U	0.39 U L	0.27 U L
PCB-151	pg/L	40 L	13 L	22 L	12 L	14 L	8.4 L	4.3	5.6 L	8.5 L
PCB-152	pg/L	1.6 U L	0.38 U L	1.2 U L	0.68 U L	0.77 U L	0.38 U L	0.2 U	0.4 U L	0.28 U L
PCB-153	pg/L	100 L	31 L	60 L	23 L	36 L	22 L	11 L	15 L	21 L
PCB-154	pg/L	4.3 L	1.7 L	4 L	1.7 L	3 L	1.5 L	0.88	1.2 L	1.3 L
PCB-155	pg/L	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC
PCB-156	pg/L	7.4 L	1.8 L	4.8 L	2.2 L	2.2 L	1.4 L	0.76 L	1.1 L	1.2 L
PCB-157	pg/L	1.2 U L	0.33 U L	1.1 U L	0.54 U L	0.61 U L	0.5 J L	0.25 J L	0.25 U L	0.38 J L
PCB-158	pg/L	10 C L	2.6 C L	6.4 C L	3.1 C L	4.1 C L	2.5 C L	1.4 C L	1.8 C L	1.8 C L
PCB-159	pg/L	2.2 J L	0.32 U L	1.1 U L	0.49 U L	0.55 U L	0.29 U L	0.2 J L	0.23 U L	0.37 J L
PCB-160	pg/L	C158	C158	C158	C158	C158	C158	C158	C158	C158
PCB-161	pg/L	C132	C132	C132	C132	C132	C132	C132	C132	C132
PCB-162	pg/L	C128	C128	C128	C128	C128	C128	C128	C128	C128
PCB-163	pg/L	C138	C138	C138	C138	C138	C138	C138	C138	C138
PCB-164	pg/L	C138	C138	C138	C138	C138	C138	C138	C138	C138
PCB-165	pg/L	C146	C146	C146	C146	C146	C146	C146	C146	C146
PCB-166	pg/L	1.2 U L	0.4 U L	1.2 U L	0.6 U L	0.62 U L	0.35 U L	0.14 U L	0.27 U L	0.26 U L
PCB-167	pg/L	3.4 L	0.96 L	2 J L	1.2 L	1.3 J L	0.89 J L	0.46 L	0.54 J L	0.5 J L
PCB-168	pg/L	1.2 U L	0.41 U L	1.2 U L	0.62 U L	0.64 U L	0.36 U L	0.15 U L	0.28 U L	0.25 U L
PCB-169	pg/L	1.1 U L	0.3 U L	1 U L	0.43 U L	0.55 U L	0.28 U L	0.091 U L	0.22 U L	0.18 U L
PCB-170	pg/L	18 L	2.4 L	5.8 L	1.6 L	3.7 L	1.7 L	0.75 L	1.4 L	1.8 L
PCB-171	pg/L	6.8 L	1.8 L	3.2 J L	0.64 U L	2 L	0.96 L	0.46 L	0.72 J L	0.95 L
PCB-172	pg/L	6.2 L	1.2 L	2.5 L	0.81 L	2.2 L	1.3 L	0.099 L	1.5 L	0.55 L
PCB-173	pg/L	1.9 U L	0.28 U L	1.5 U L	0.71 U L	1 U L	0.48 U L	0.15 U L	0.35 U L	0.16 U L
PCB-174	pg/L	22 L	4.9 L	9.9 L	2.8 L	5.6 L	2.9 L	1.2 L	1.5 L	3 L
PCB-175	pg/L	1.6 U L	0.25 U L	1.3 U L	0.63 U L	0.93 U L	0.43 U L	0.13 U L	0.31 U L	0.14 U L
PCB-176	pg/L	5.5 L	0.7 L	2.3 J L	0.41 U L	0.66 U L	0.66 J L	0.086 U L	0.21 U L	0.53 L
PCB-177	pg/L	18 L	3.3 L	7.8 L	2.3 L	4.5 L	2.2 L	0.92 L	1.5 L	2 L
PCB-178	pg/L	8.6 L	1.7 L	3.8 L	0.65 U L	0.96 U L	1.2 L	0.39 L	0.73 J L	0.75 L
PCB-179	pg/L	17 L	2.2 L	7.8 L	2 L	4 L	1.5 L	0.67 L	1.1 L	1.5 L
PCB-180	pg/L	48 L	6 L	19 L	4.5 L	10 L	5.3 L	2 L	3.7 L	4.5 L
PCB-181	pg/L	1.7 U L	0.25 U L	1.4 U L	0.64 U L	0.95 U L	0.44 U L	0.14 U L	0.32 U L	0.15 U L
PCB-182	pg/L	39 C L	6.2 C L	16 C L	4.8 C L	8.1 C L	4.4 C L	1.8 C L	3.4 C L	4.1 C L
PCB-183	pg/L	21 L	3.2 L	9.3 L	3 L	4.3 L	2.1 L	1.1 L	1.6 L	2 L
PCB-184	pg/L	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC

Table 8
Analytical Results for PCB Congeners in Porewater

	SampID	LDW-Y3-SC-ENR+AC-CB-S010	LDW-Y3-SC-ENR+AC-CC-S010	LDW-Y3-IN-ENR-CB-S010	LDW-Y3-IN-ENR-CC-S010	LDW-Y3-IN-ENR-CD-S010	LDW-Y3-IN-ENR+AC-CA-S010	LDW-Y3-IN-ENR+AC-CB-S010	LDW-Y3-IN-ENR+AC-CC-S010	LDW-Y3-SC-ENR-CA-S010-LONG
	SampDate	9/29/2020	9/29/2020	9/29/2020	9/29/2020	9/29/2020	9/29/2020	9/29/2020	9/29/2020	9/29/2020
	Plot	Scour	Scour	Intertidal	Intertidal	Intertidal	Intertidal	Intertidal	Intertidal	Scour
	SubPlot	ENR+AC	ENR+AC	ENR	ENR	ENR	ENR+AC	ENR+AC	ENR+AC	ENR
Polychlorinated Biphenyls (PCBs)										
PCB-185	pg/L	1.6 U L	0.25 U L	1.3 U L	0.62 U L	0.91 U L	0.42 U L	0.13 U L	0.31 U L	0.14 U L
PCB-186	pg/L	1.3 U L	0.16 U L	1 U L	0.43 U L	0.68 U L	0.3 U L	0.089 U L	0.22 U L	0.091 U L
PCB-187	pg/L	C182	C182	C182	C182	C182	C182	C182	C182	C182
PCB-188	pg/L	1.4 U L	0.18 U L	1.2 U L	0.46 U L	0.7 U L	0.32 U L	0.1 U L	0.27 U L	0.1 U L
PCB-189	pg/L	1.1 U L	0.14 U L	0.92 U L	0.37 U L	0.67 U L	0.27 U L	0.069 U L	0.16 U L	0.08 U L
PCB-190	pg/L	4.1 L	0.84 L	2.5 J L	0.45 U L	0.71 U L	0.31 U L	0.094 U L	0.23 U L	0.5 L
PCB-191	pg/L	1.2 U L	0.18 U L	0.99 U L	0.42 U L	0.66 U L	0.29 U L	0.088 U L	0.21 U L	0.1 U L
PCB-192	pg/L	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC
PCB-193	pg/L	1.3 U L	0.6 L	1 U L	0.43 U L	0.68 U L	0.3 U L	0.09 U L	0.22 U L	0.097 U L
PCB-194	pg/L	6.7 L	0.7 L	3.4 J L	0.38 U L	2.3 L	0.69 L	0.15 J L	0.48 J L	0.37 L
PCB-195	pg/L	4.4 L	0.22 U L	1.2 U L	0.46 U L	1.1 U L	0.25 U L	0.095 U L	0.19 U L	0.11 U L
PCB-196	pg/L	10 C L	0.9 C L	3.9 C L	0.41 UC L	2 C L	0.29 UC L	0.28 C L	0.59 C,J L	0.62 C L
PCB-197	pg/L	0.25 L	0.053 L	3.6 UB L	0.17 L	0.37 L	0.12 L	0.17 UB L	0.0013 L	0.2 UB L
PCB-198	pg/L	2.5 U L	0.22 U L	1.8 U L	0.46 U L	1.2 U L	0.33 U L	0.12 U L	0.29 U L	0.14 U L
PCB-199	pg/L	9.7 L	0.5 L	1.7 U L	0.39 U L	1.1 U L	0.29 U L	0.1 U L	0.48 J L	0.47 L
PCB-200	pg/L	1.8 U L	0.13 U L	1.3 U L	0.29 U L	0.82 U L	0.21 U L	0.075 U L	0.19 U L	0.093 U L
PCB-201	pg/L	1.9 U L	0.16 U L	1.3 U L	0.34 U L	0.87 U L	0.24 U L	0.088 U L	0.21 U L	0.11 U L
PCB-202	pg/L	2 U L	0.15 U L	1.4 U L	0.32 U L	0.9 U L	0.23 U L	0.082 U L	0.21 U L	0.11 U L
PCB-203	pg/L	C196	C196	C196	C196	C196	C196	C196	C196	C196
PCB-204	pg/L	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC	PRC
PCB-205	pg/L	1.6 U L	0.15 U L	0.96 U L	0.32 U L	0.81 U L	0.18 U L	0.065 U L	0.14 U L	0.078 U L
PCB-206	pg/L	2.1 U L	0.13 U L	1.4 U L	0.26 U L	0.89 U L	0.23 U L	0.053 U L	0.16 U L	0.043 U L
PCB-207	pg/L	1.4 L	0.057 L	3.8 UB L	0.12 L	0.43 L	0.45 UB L	0.1 UB L	0.075 L	0.11 UB L
PCB-208	pg/L	1.6 U L	0.074 U L	0.98 U L	0.15 U L	0.71 U L	0.18 U L	0.035 U L	0.11 U L	0.026 U L
PCB-209	pg/L	3.5 L	0.065 UB L	0.96 L	0.13 L	0.039 L	0.032 L	0.06 UB L	0.18 L	0.066 UB L

Abbreviations:

B = Background concentration exceeds detected concentration
C = Coelution with one or more PCB congeners; the numerical value indicates the lower congener co-eluter
ENR = Enhanced natural recovery
ENR+AC = Enhanced natural recovery amended with activated carbon
J = Analyte concentration is below calibration range
L = Percent to steady state less than 20%. Concentration is considered estimated
PCB = Polychlorinated biphenyl
pg/L = picogram(s) per liter
PRC = Performance recovery compound
U = Not detected at the estimated detection limit

Table 8
Analytical Results for PCB Congeners in Porewater

		SampID	LDW-Y3-SC-ENR-CC-S010-LONG	LDW-Y3-SC-ENR-CD-S010-LONG	LDW-Y3-SC-ENR+AC-CA-S010-LONG	LDW-Y3-SC-ENR+AC-CB-S010-LONG	LDW-Y3-SC-ENR+AC-CC-S010-LONG	LDW-Y3-SC-ENR-S010-DEP	LDW-Y3-SC-ENR+AC-S010-DEP
		SampDate	9/29/2020	9/29/2020	9/29/2020	9/29/2020	9/29/2020	9/28/2020	9/28/2020
		Plot	Scour	Scour	Scour	Scour	Scour	Scour	Scour
		SubPlot	ENR	ENR	ENR+AC	ENR+AC	ENR+AC	ENR+AC	ENR+AC
Polychlorinated Biphenyls (PCBs)									
PCBs (Total, Congeners)	pg/L		2500	4400	7900	4000	8800	4600	5700
PCB-001	pg/L		10 U	12 J	23 J	12 U	7.2 U	21 J	8.7 U
PCB-002	pg/L		3 U	1.8 U	2.5 U	2.8 U	1.7 U	3.4 U	2.5 U
PCB-003	pg/L		3.2 U	2.1 U	2.7 U	3 U	1.7 U	3.9 U	2.8 U
PCB-004	pg/L		110	110	41	19	58	150	38
PCB-005	pg/L		2.2 U	3.8 U	3.7 U	3.9 U	2.3 U	5.6 U	4 U
PCB-006	pg/L		35	42	5.6 J	8.2	19	57	17
PCB-007	pg/L		7.3 J	7.7 J	3.5 U	3.8 U	3.4 J	9.2 J	3.9 U
PCB-008	pg/L		150	180	26	31	77	190	58
PCB-009	pg/L		7.4 J	12	3.6 U	4 U	5.2 J	12 J	4.1 U
PCB-010	pg/L		3.9 U	5.7 U	6.9 U	7.3 U	4.5 U	8.4 U	6.4 U
PCB-011	pg/L		0.78	5.7 UB	4.7	6.1	4	0.75	2.2
PCB-012	pg/L		1.4 U	2.5 U	2.7 U	2.6 U	1.5 U	4.9 J	3.3 U
PCB-013	pg/L		2.8 J	2.6 U	2.7 U	2.5 U	1.4 U	4.7 J	3.2 U
PCB-014	pg/L		PRC	PRC	PRC	PRC	PRC	PRC	PRC
PCB-015	pg/L		21	26	5.4	9.6	13	39	21
PCB-016	pg/L		75	160	26	30	42	140	49
PCB-017	pg/L		120	210	40	42	76	200	73
PCB-018	pg/L		300	550	100	96	180	510	190
PCB-019	pg/L		60	80	16	13	25	93	29
PCB-020	pg/L		90 C	220 C	49 C	55 C	100 C	160 C	100 C
PCB-021	pg/L		C020	C020	C020	C020	C020	C020	C020
PCB-022	pg/L		44	110	27	32	48	87	50
PCB-023	pg/L		1.4 U	1.3 U	2 U	1.3 U	1.8 U	2.8 U	2 U
PCB-024	pg/L		16	26	6.5	6	8.3	28	4.4 J
PCB-025	pg/L		19	34	9.8	12	18	31	23
PCB-026	pg/L		34	62	19	20	30	55	42
PCB-027	pg/L		18	25	6.2	4.8	8.5	26	18
PCB-028	pg/L		140	300	75	82	130	270	150
PCB-029	pg/L		1.3 U	1.2 U	2.1 U	1.3 U	1.7 U	2.7 U	1.9 U
PCB-030	pg/L		1.9 U	2.1 U	2.3 U	1.9 U	1.7 U	3.7 U	1.6 U
PCB-031	pg/L		150	290	61	86	140	230	160
PCB-032	pg/L		110	160	32	31	66	160	62
PCB-033	pg/L		C020	C020	C020	C020	C020	C020	C020
PCB-034	pg/L		1.3 U	1.4 U	2.1 U	1.3 U	1.8 U	3.1 U	1.9 U
PCB-035	pg/L		0.95 U	0.98 U	2.3 U	1.2 U	1.9 U	3.4 J	1.9 U
PCB-036	pg/L		PRC	PRC	PRC	PRC	PRC	PRC	PRC
PCB-037	pg/L		17	37	19	18	27	37	31
PCB-038	pg/L		0.9 U	0.91 U	2.4 U	1.2 U	1.8 U	2 U	1.8 U
PCB-039	pg/L		0.89 U	1 U	2.3 U	1.2 U	1.9 U	2.2 U	1.8 U
PCB-040	pg/L		14	32	30 L	26	33 L	31	35 L
PCB-041	pg/L		61 C	120 C	130 C L	98 C	160 C L	130 C	150 C L
PCB-042	pg/L		29 C	60 C	62 C L	46 C	75 C L	66 C	75 C L
PCB-043	pg/L		74 C	130 C	150 C L	120 C	180 C L	170 C	190 C L
PCB-044	pg/L		73	150	150 L	110	170 L	160	180 L
PCB-045	pg/L		27	55	34	29	41	54	47
PCB-046	pg/L		11	24	15	13	16	23	21

Table 8
Analytical Results for PCB Congeners in Porewater

	SampID	LDW-Y3-SC-ENR-CC-S010-LONG	LDW-Y3-SC-ENR-CD-S010-LONG	LDW-Y3-SC-ENR+AC-CA-S010-LONG	LDW-Y3-SC-ENR+AC-CB-S010-LONG	LDW-Y3-SC-ENR+AC-CC-S010-LONG	LDW-Y3-SC-ENR-S010-DEP	LDW-Y3-SC-ENR+AC-S010-DEP
	SampDate	9/29/2020	9/29/2020	9/29/2020	9/29/2020	9/29/2020	9/28/2020	9/28/2020
	Plot	Scour	Scour	Scour	Scour	Scour	Scour	Scour
	SubPlot	ENR	ENR	ENR+AC	ENR+AC	ENR+AC	ENR+AC	ENR+AC
Polychlorinated Biphenyls (PCBs)								
PCB-047	pg/L	25	47	59 L	46	65 L	64	71 L
PCB-048	pg/L	17 C	37 C	33 C L	27 C	44 C L	38 C	40 C L
PCB-049	pg/L	C043	C043	C043	C043	C043	C043	C043
PCB-050	pg/L	1.5 J	2.4 J	3.3 J	3.4 J	3.2 J	4.1 J	2.4 U
PCB-051	pg/L	9.8	20	16	15	18	25	22
PCB-052	pg/L	98 C	180 C	200 C L	160 C	220 C L	220 C	250 C L
PCB-053	pg/L	29	58	37	33	45	63	53
PCB-054	pg/L	1.2 J	2.1 J	1.8 U	1.6 U	1.3 U	2.2 J	1.9 U
PCB-055	pg/L	1.2	2.2	3.3 L	3.6 L	4 L	4.4	5.1 L
PCB-056	pg/L	32 C	53 C	83 C L	56 C L	98 C L	60 C	97 C L
PCB-057	pg/L	0.41 U	1.1 J	2.2 U L	2.2 J L	1.5 U L	1 U	1.9 U L
PCB-058	pg/L	0.41 U	0.64 U	2.2 U L	1.6 U L	1.6 U L	1.1 U	1.9 U L
PCB-059	pg/L	C042	C042	C042	C042	C042	C042	C042
PCB-060	pg/L	C056	C056	C056	C056	C056	C056	C056
PCB-061	pg/L	48 C	93 C	140 C L	100 C L	180 C L	110 C	150 C L
PCB-062	pg/L	0.61 U	0.84 U	2.1 U L	1.5 U	1.3 U L	1.4 U	2.1 U L
PCB-063	pg/L	1.9	3.8	6.8 L	6.3 L	9.4 L	4.8	6.7 L
PCB-064	pg/L	C041	C041	C041	C041	C041	C041	C041
PCB-065	pg/L	0.54 U	0.74 U	2 U L	1.5 U	1.3 U L	1.3 U	1.8 U L
PCB-066	pg/L	39 C	75 C	120 C L	89 C L	150 C L	87 C	120 C L
PCB-067	pg/L	2	4.2	7.8 L	6.2 L	8.2 L	5.4	6.1 L
PCB-068	pg/L	0.87 J	2 J	3 J L	3.2 L	3.7 J L	3.2	3.3 J L
PCB-069	pg/L	C052	C052	C052	C052	C052	C052	C052
PCB-070	pg/L	C061	C061	C061	C061	C061	C061	C061
PCB-071	pg/L	C041	C041	C041	C041	C041	C041	C041
PCB-072	pg/L	C041	C041	C041	C041	C041	C041	C041
PCB-073	pg/L	0.94	2.1	3.8 L	2.1	4.9 L	3.6	2.8 L
PCB-074	pg/L	20	43	65 L	47 L	83 L	50	68 L
PCB-075	pg/L	C048	C048	C048	C048	C048	C048	C048
PCB-076	pg/L	C066	C066	C066	C066	C066	C066	C066
PCB-077	pg/L	2.8	4.3	8.7 L	8 L	14 L	5.9 L	9.1 L
PCB-078	pg/L	PRC	PRC	PRC	PRC	PRC	PRC	PRC
PCB-079	pg/L	0.58 J	0.71 U	3.6 U L	1.4 U L	2.9 J L	1.3 J L	4.1 J L
PCB-080	pg/L	0.46 J	1.4 J	2.1 U L	2.7 J L	3.5 J L	1.8 J L	2.6 J L
PCB-081	pg/L	1.2	1.7 J	3.7 U L	2.9 J L	6.6 L	2.4 L	2.6 U L
PCB-082	pg/L	4	5.9 L	27 L	18 L	30 L	7.4 L	24 L
PCB-083	pg/L	1.7 C	3 C L	14 C L	7.1 C L	14 C L	3.7 C L	12 C L
PCB-084	pg/L	23 C	35 C	140 C L	79 C L	140 C L	41 C L	130 C L
PCB-085	pg/L	5.2 C	7.9 C L	36 C L	18 C L	41 C L	9.3 C L	32 C L
PCB-086	pg/L	0.49 U	0.99 U L	4.9 U L	3.6 U L	5.1 U L	1.2 U L	2.4 U L
PCB-087	pg/L	12 C	19 C L	87 C L	46 C L	90 C L	24 C L	74 C L
PCB-088	pg/L	0.31 UC	1 UC	3.9 UC L	1.8 UC L	2.8 UC L	1.5 UC L	2.3 UC L
PCB-089	pg/L	0.94 J	1.5 J	4.2 U L	2.8 U L	4.9 J L	1.8 J L	4.2 J L

Table 8
Analytical Results for PCB Congeners in Porewater

		SampID	LDW-Y3-SC-ENR-CC-S010-LONG	LDW-Y3-SC-ENR-CD-S010-LONG	LDW-Y3-SC-ENR+AC-CA-S010-LONG	LDW-Y3-SC-ENR+AC-CB-S010-LONG	LDW-Y3-SC-ENR+AC-CC-S010-LONG	LDW-Y3-SC-ENR-S010-DEP	LDW-Y3-SC-ENR+AC-S010-DEP
		SampDate	9/29/2020	9/29/2020	9/29/2020	9/29/2020	9/29/2020	9/28/2020	9/28/2020
		Plot	Scour	Scour	Scour	Scour	Scour	Scour	Scour
		SubPlot	ENR	ENR	ENR+AC	ENR+AC	ENR+AC	ENR+AC	ENR+AC
Polychlorinated Biphenyls (PCBs)									
PCB-090	pg/L		42 C	61 C L	290 C L	160 C L	310 C L	76 C L	250 C L
PCB-091	pg/L		C088	C088	C088	C088	C088	C088	C088
PCB-092	pg/L		C084	C084	C084	C084	C084	C084	C084
PCB-093	pg/L		0.32 U	0.58 U	4.1 U L	1.9 U L	2.9 U L	0.85 U L	2.3 U L
PCB-094	pg/L		0.34 U	0.69 U	4.3 U L	1.9 U L	3 U L	1 U L	2.5 U L
PCB-095	pg/L		56	91	370 L	180 L	310 L	110 L	250 L
PCB-096	pg/L		0.77 J	1.4 J	5.4 J L	1.4 U L	5.5 J L	0.59 U L	4.7 J L
PCB-097	pg/L		11	18 L	86 L	44 L	83 L	22 L	67 L
PCB-098	pg/L		0.33 UC	0.69 UC	4 UC L	2 UC L	3 UC L	1 UC L	2.5 UC L
PCB-099	pg/L		16	25 L	120 L	65 L	130 L	31 L	100 L
PCB-100	pg/L		0.98 J	1.9	9.6 L	5.1 L	7.9 L	3.3 L	8 L
PCB-101	pg/L		C090	C090	C090	C090	C090	C090	C090
PCB-102	pg/L		C098	C098	C098	C098	C098	C098	C098
PCB-103	pg/L		1.3	2.2	11 L	5.6 L	9 L	3.1 L	8.5 L
PCB-104	pg/L		PRC	PRC	PRC	PRC	PRC	PRC	PRC
PCB-105	pg/L		6	12 L	70 L	35 L	72 L	12 L	45 L
PCB-106	pg/L		17 C	31 C L	190 C L	97 C L	200 C L	36 C L	120 C L
PCB-107	pg/L		1.4 C	2.4 C L	17 C L	9.7 C L	16 C L	3.2 C L	11 C L
PCB-108	pg/L		C107	C107	C107	C107	C107	C107	C107
PCB-109	pg/L		0.34 U	0.7 U L	3.4 U L	2.2 U L	3.1 U L	0.87 U L	1.7 U L
PCB-110	pg/L		36	57 L	250 L	130 L	260 L	67 L	210 L
PCB-111	pg/L		0.92 C	1 C,J L	7 C,J L	3.2 C,J L	6.7 C,J L	1.6 C L	3.9 C,J L
PCB-112	pg/L		C083	C083	C083	C083	C083	C083	C083
PCB-113	pg/L		0.38 U	0.76 U L	3.6 U L	62 L	3.3 U L	0.95 U L	1.8 U L
PCB-114	pg/L		0.51 J	0.91 J L	6.7 J L	1.7 U L	6.3 J L	1.3 J L	3.4 J L
PCB-115	pg/L		C111	C111	C111	C111	C111	C111	C111
PCB-116	pg/L		C085	C085	C085	C085	C085	C085	C085
PCB-117	pg/L		C087	C087	C087	C087	C087	C087	C087
PCB-118	pg/L		C106	C106	C106	C106	C106	C106	C106
PCB-119	pg/L		1.3	2 L	9 L	3.8 J L	8.7 L	2.4 L	7.8 L
PCB-120	pg/L		0.25 U	0.52 U L	3.5 U L	2.1 U L	3.3 U L	0.63 U L	1.5 U L
PCB-121	pg/L		PRC	PRC	PRC	PRC	PRC	PRC	PRC
PCB-122	pg/L		0.22 U	0.59 J L	4.5 U L	1.8 U L	3.1 U L	0.55 U L	1.6 U L
PCB-123	pg/L		0.45 J	0.95 J L	5.1 U L	1.8 U L	4.8 J L	1 J L	2.8 J L
PCB-124	pg/L		1	1.5 L	14 L	5.9 L	10 L	1.8 L	8.1 L
PCB-125	pg/L		C087	C087	C087	C087	C087	C087	C087
PCB-126	pg/L		0.18 U	0.36 U L	5.6 U L	1.9 U L	3.9 U L	0.51 U L	1.9 U L
PCB-127	pg/L		0.19 U	0.34 U L	5.6 U L	1.9 U L	3.6 U L	0.47 U L	1.8 U L
PCB-128	pg/L		1.6 C	3.3 C L	60 C L	22 C L	60 C L	3.8 C L	25 C L
PCB-129	pg/L		0.64	1.1 L	25 L	8.8 L	22 L	1.5 L	8.4 L
PCB-130	pg/L		0.84	1.7 L	24 L	13 L	30 L	1.9 L	13 L
PCB-131	pg/L		0.46 UB C	0.97 UB C L	13 UB C L	4.9 UB C L	13 UB C L	1 UB C L	5.8 UB C L
PCB-132	pg/L		5 C	8.1 C L	130 C L	47 C L	130 C L	9.5 C L	69 C L
PCB-133	pg/L		C131	C131	C131	C131	C131	C131	C131
PCB-134	pg/L		1.2 C	2.1 C L	34 C L	15 C L	31 C L	3 C L	15 C L
PCB-135	pg/L		3.4	5.8 L	84 L	29 L	64 L	7.1 L	34 L
PCB-136	pg/L		3.9	8 L	130 L	43 L	130 L	8.3 L	54 L
PCB-137	pg/L		0.67	0.82 J L	19 L	6.8 L	18 L	1.1 L	7.6 L
PCB-138	pg/L		13 C	25 C L	410 C L	170 C L	400 C L	28 C L	180 C L
PCB-139	pg/L		19 C	32 C L	460 C L	190 C L	430 C L	39 C L	210 C L
PCB-140	pg/L		0.32 J	0.46 U L	6.9 U L	3.1 U L	7.3 J L	0.51 U L	4.1 J L

Table 8
Analytical Results for PCB Congeners in Porewater

		SampID	LDW-Y3-SC-ENR-CC-S010-LONG	LDW-Y3-SC-ENR-CD-S010-LONG	LDW-Y3-SC-ENR+AC-CA-S010-LONG	LDW-Y3-SC-ENR+AC-CB-S010-LONG	LDW-Y3-SC-ENR+AC-CC-S010-LONG	LDW-Y3-SC-ENR-S010-DEP	LDW-Y3-SC-ENR+AC-S010-DEP
		SampDate	9/29/2020	9/29/2020	9/29/2020	9/29/2020	9/29/2020	9/28/2020	9/28/2020
		Plot	Scour	Scour	Scour	Scour	Scour	Scour	Scour
		SubPlot	ENR	ENR	ENR+AC	ENR+AC	ENR+AC	ENR+AC	ENR+AC
Polychlorinated Biphenyls (PCBs)									
PCB-141	pg/L		2.4	4.5 L	83 L	33 L	76 L	5 L	35 L
PCB-142	pg/L		PRC	PRC	PRC	PRC	PRC	PRC	PRC
PCB-143	pg/L		C134	C134	C134	C134	C134	C134	C134
PCB-144	pg/L		1.1	2.2 L	31 L	11 L	34 L	2.3 L	15 L
PCB-145	pg/L		0.14 U	0.41 U L	7.9 U L	2.2 U L	6.6 U L	0.48 U L	2.9 U L
PCB-146	pg/L		2.2 C	4.4 C L	74 C L	28 C L	76 C L	5 C L	33 C L
PCB-147	pg/L		0.6	0.93 J L	17 L	5.7 L	12 J L	1.2 L	7.5 L
PCB-148	pg/L		0.21 U	0.52 U L	8.4 U L	2.9 U L	8.3 U L	0.63 U L	3.7 U L
PCB-149	pg/L		C139	C139	C139	C139	C139	C139	C139
PCB-150	pg/L		0.14 U	0.41 U L	7.7 U L	2.1 U L	6.5 U L	0.48 U L	2.9 U L
PCB-151	pg/L		5.7	9.9 L	160 L	57 L	140 L	12 L	67 L
PCB-152	pg/L		0.14 U	0.38 U L	7.9 U L	2.2 U L	6.7 U L	0.44 U L	2.9 U L
PCB-153	pg/L		15	26 L	450 L	190 L	490 L	29 L	200 L
PCB-154	pg/L		0.92	1.7 L	29 L	9.3 L	33 L	1.9 L	14 L
PCB-155	pg/L		PRC	PRC	PRC	PRC	PRC	PRC	PRC
PCB-156	pg/L		0.7	1.7 L	34 L	14 L	34 L	1.6 L	13 L
PCB-157	pg/L		0.16 U	0.48 J L	11 J L	5 J L	8.8 J L	0.39 U L	2.8 U L
PCB-158	pg/L		1.3 C	2.7 C L	42 C L	16 C L	38 C L	3 C L	19 C L
PCB-159	pg/L		0.3 J	0.55 J L	12 J L	3.6 J L	12 J L	0.32 U L	6.5 L
PCB-160	pg/L		C158	C158	C158	C158	C158	C158	C158
PCB-161	pg/L		C132	C132	C132	C132	C132	C132	C132
PCB-162	pg/L		C128	C128	C128	C128	C128	C128	C128
PCB-163	pg/L		C138	C138	C138	C138	C138	C138	C138
PCB-164	pg/L		C138	C138	C138	C138	C138	C138	C138
PCB-165	pg/L		C146	C146	C146	C146	C146	C146	C146
PCB-166	pg/L		0.17 U	0.37 U L	6 U L	2.6 U L	5.4 U L	0.4 U L	2.4 U L
PCB-167	pg/L		0.4	0.79 J L	18 L	9.7 L	16 J L	0.87 L	5.3 J L
PCB-168	pg/L		0.17 U	0.38 U L	6.2 U L	2.6 U L	5.6 U L	0.41 U L	2.3 U L
PCB-169	pg/L		0.11 U	0.31 U L	7.1 U L	2.8 U L	7.1 U L	0.29 U L	2.5 U L
PCB-170	pg/L		1 L	2.8 L	120 L	36 L	130 L	2.3 L	38 L
PCB-171	pg/L		0.58 L	1.4 L	47 L	14 L	60 L	1.1 L	17 L
PCB-172	pg/L		0.043 L	0.8 L	73 L	12 L	82 L	0.51 UB L	15 L
PCB-173	pg/L		0.11 U L	0.29 U L	11 U L	4.8 U L	12 U L	0.31 U L	3.3 U L
PCB-174	pg/L		1.9 L	4.1 L	160 L	49 L	150 L	4.1 L	53 L
PCB-175	pg/L		0.093 U L	0.25 U L	9.7 U L	4.3 U L	11 U L	0.27 U L	2.9 U L
PCB-176	pg/L		0.32 L	0.8 L	31 L	9 L	35 L	0.76 L	13 L
PCB-177	pg/L		1.1 L	2.9 L	94 L	31 L	110 L	2.3 L	35 L
PCB-178	pg/L		0.5 L	1.4 L	39 L	15 L	49 L	1.2 L	16 L
PCB-179	pg/L		0.93 L	2.1 L	97 L	29 L	110 L	2 L	33 L
PCB-180	pg/L		3 L	7.3 L	280 L	82 L	350 L	6.6 L	93 L
PCB-181	pg/L		0.1 U L	0.26 U L	9.9 U L	4.3 U L	11 U L	0.29 U L	3.1 U L
PCB-182	pg/L		2.8 C L	5.6 C L	190 C L	65 C L	220 C L	5.7 C L	78 C L
PCB-183	pg/L		1.3 L	2.6 L	120 L	35 L	130 L	2.9 L	38 L
PCB-184	pg/L		PRC	PRC	PRC	PRC	PRC	PRC	PRC

Table 8
Analytical Results for PCB Congeners in Porewater

	SampID	LDW-Y3-SC-ENR-CC-S010-LONG	LDW-Y3-SC-ENR-CD-S010-LONG	LDW-Y3-SC-ENR+AC-CA-S010-LONG	LDW-Y3-SC-ENR+AC-CB-S010-LONG	LDW-Y3-SC-ENR+AC-CC-S010-LONG	LDW-Y3-SC-ENR-S010-DEP	LDW-Y3-SC-ENR+AC-S010-DEP
	SampDate	9/29/2020	9/29/2020	9/29/2020	9/29/2020	9/29/2020	9/28/2020	9/28/2020
	Plot	Scour	Scour	Scour	Scour	Scour	Scour	Scour
	SubPlot	ENR	ENR	ENR+AC	ENR+AC	ENR+AC	ENR+AC	ENR+AC
Polychlorinated Biphenyls (PCBs)								
PCB-185	pg/L	0.094 U L	0.43 J L	9.5 U L	4.4 U L	27 L	0.3 U L	8 L
PCB-186	pg/L	0.06 U L	0.17 U L	8.3 U L	3.5 U L	9.5 U L	0.18 U L	2.2 U L
PCB-187	pg/L	C182	C182	C182	C182	C182	C182	C182
PCB-188	pg/L	0.071 U L	0.18 U L	8.9 U L	3.8 U L	11 U L	0.55 L	10 L
PCB-189	pg/L	0.047 U L	0.17 U L	8.4 U L	3.4 U L	9.1 U L	0.16 U L	2.2 U L
PCB-190	pg/L	0.24 L	0.72 L	30 L	6 J L	31 L	0.75 L	9.1 L
PCB-191	pg/L	0.067 U L	0.18 U L	7.8 U L	3.6 U L	9.6 U L	0.2 U L	2.4 U L
PCB-192	pg/L	PRC	PRC	PRC	PRC	PRC	PRC	PRC
PCB-193	pg/L	0.18 J L	0.55 L	22 L	5.3 J L	22 J L	0.63 L	7.1 L
PCB-194	pg/L	0.22 L	0.43 L	63 L	15 L	91 L	0.52 L	13 L
PCB-195	pg/L	0.031 U L	0.3 J L	33 L	7.9 L	32 J L	0.26 J L	2.6 U L
PCB-196	pg/L	0.31 C L	0.8 C L	110 C L	15 C L	120 C L	0.88 C L	17 C L
PCB-197	pg/L	0.012 L	0.32 UB L	32 L	6.6 L	14 L	0.067 L	0.89 L
PCB-198	pg/L	0.063 U L	0.19 U L	25 U L	4.6 U L	21 U L	0.15 U L	3.8 U L
PCB-199	pg/L	0.22 L	0.69 L	96 L	17 L	130 L	0.68 L	17 L
PCB-200	pg/L	0.04 U L	0.12 U L	21 U L	3.5 U L	18 U L	0.09 U L	3 U L
PCB-201	pg/L	0.048 U L	0.13 U L	18 U L	3.4 U L	16 U L	0.1 U L	2.9 U L
PCB-202	pg/L	0.046 U L	0.13 U L	22 U L	4 U L	20 U L	0.1 U L	3.4 U L
PCB-203	pg/L	C196	C196	C196	C196	C196	C196	C196
PCB-204	pg/L	PRC	PRC	PRC	PRC	PRC	PRC	PRC
PCB-205	pg/L	0.022 U L	0.09 U L	18 U L	3.1 U L	15 U L	0.12 U L	2.1 U L
PCB-206	pg/L	0.043 U L	0.13 J L	32 U L	3 U L	41 U L	0.13 J L	6.8 J L
PCB-207	pg/L	0.059 UB L	0.2 UB L	47 L	7.9 L	58 L	0.15 UB L	1.1 L
PCB-208	pg/L	0.023 U L	0.037 U L	32 U L	2.3 U L	36 U L	0.038 U L	2.3 U L
PCB-209	pg/L	0.032 UB L	0.12 UB L	110 L	5.5 L	110 L	0.081 UB L	5 L

Abbreviations:

B = Background concentration exceeds detected concentration
C = Coelution with one or more PCB congeners; the numerical value indicates the lower congener co-eluter
ENR = Enhanced natural recovery
ENR+AC = Enhanced natural recovery amended with activated carbon
J = Analyte concentration is below calibration range
L = Percent to steady state less than 20%. Concentration is considered estimated
PCB = Polychlorinated biphenyl
pg/L = picogram(s) per liter
PRC = Performance recovery compound
U = Not detected at the estimated detection limit

Table 9
Laboratory Bioaccumulation Study Analytical Results for PCB Congeners and Lipids in Tissue

	SampID	LDW-Y3-LBS-SU-ENR-A-WORM	LDW-Y3-LBS-SU-ENR-B-WORM	LDW-Y3-LBS-SU-ENR-C-WORM	LDW-Y3-LBS-SU-ENR+AC-A-WORM	LDW-Y3-LBS-SU-ENR+AC-B-WORM	LDW-Y3-LBS-SU-ENR+AC-C-WORM	LDW-Y3-LBS-SU-ENR-A-CLAM
	UseDate	10/27/2020	10/27/2020	10/27/2020	10/27/2020	10/27/2020	10/27/2020	10/26/2020
	Plot	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal
	SubPlot	ENR	ENR	ENR	ENR+AC	ENR+AC	ENR+AC	ENR
Lipids								
Lipids	%	0.7	0.59	0.893	0.452	0.38	0.482	0.1
Polychlorinated Biphenyls (PCBs)								
PCBs (Total, Congeners)	pg/g	40700	61300	31700	29900	17700	24100	3990
PCB-001	pg/g	1.96 J	2.17 J	1.06 U	2.38	0.77 U	1.24 U	1.19 U
PCB-002	pg/g	0.71 U	0.915 U	1.03 U	0.87 U	0.751 U	1.2 U	0.652 U
PCB-003	pg/g	1.32 J	1.19 J	1.02 U	1.38 J	0.741 U	1.17 U	0.462 U
PCB-004	pg/g	3.63	29.5	3.85 J	2.81	1.96 J	1.97 U	4.32
PCB-005	pg/g	1.04 U	0.798 U	1.13 U	0.975 U	0.835 U	1.05 U	0.647 U
PCB-006	pg/g	26.1	94.3	18.9	21.5	10.6	13.9	5.45
PCB-007	pg/g	5.92	14.5	4.83	4.43	1.94 J	2.78 J	0.656 U
PCB-008	pg/g	111	269	91.4	70.7	43.3	50.4	11.3
PCB-009	pg/g	6.54	17.7	8.18	6.61	3.46	3.3	0.665 U
PCB-010	pg/g	1.9 J	4.54	2.16 J	2.32 J	0.794 U	1 U	0.616 U
PCB-011	pg/g	16.1	17.1	18.7	11.1	7.15	14.9	9.6
PCB-012	pg/g	5.35	16	2.98 J	3.55	2.14 J	2.09 J	0.701 U
PCB-013	pg/g	3.08	13.8	6.22	3.13	2.03 J	2.23 J	0.705 U
PCB-014	pg/g	1 U	0.844 U	1.13 U	0.973 U	0.834 U	1.05 U	0.685 U
PCB-015	pg/g	31.5	49.8	32.2	11.9	13	14.7	6.2
PCB-016	pg/g	131	367	143	105	82.5	130	17.3
PCB-017	pg/g	254	763	214	191	131	202	32.3
PCB-018	pg/g	260	1190	212	243	122	224	65.6
PCB-019	pg/g	30.3	96.6	28.3	20.7	12.7	22.4	3.36
PCB-020	pg/g	389 C	895 C	363 C	207 C	169 C	232 C	42.3 C
PCB-021	pg/g	C020	C020	C020	C020	C020	C020	C020
PCB-022	pg/g	212	462	214	108	101	132	21.8
PCB-023	pg/g	1.6 J	3.37	0.84 U	0.805 U	0.618 U	1.03 U	0.619 U
PCB-024	pg/g	29.4	79.7	26.3	28.7	15.9	28	4.69
PCB-025	pg/g	94.5	239	84.7	74.5	45.1	61.9	8.87
PCB-026	pg/g	195	446	160	152	90.7	122	16.2
PCB-027	pg/g	26.8	62.1	27.6	27.3	16.4	25.3	3.89
PCB-028	pg/g	612	1500	546	312	282	353	58
PCB-029	pg/g	5.92	11.5	4.81	3.26	2.51	3.67	0.668 U
PCB-030	pg/g	0.814 U	2.36 J	1.13 U	1.3 U	0.829 U	1.9 U	0.862 U
PCB-031	pg/g	779	1550	616	464	311	452	56.4
PCB-032	pg/g	212	583	162	152	91.8	147	21.6
PCB-033	pg/g	C020	C020	C020	C020	C020	C020	C020
PCB-034	pg/g	7.29	27.9	6.18	6.15	4.05	4.58	1.06 J
PCB-035	pg/g	7.45	16	6.73	4.8	3.17	4.48	1.89
PCB-036	pg/g	0.768 U	0.602 U	0.887 U	0.85 U	0.653 U	1.09 U	0.708 U
PCB-037	pg/g	117	240	107	49.6	48	63.8	14.1
PCB-038	pg/g	12.2	24.8	9.64	9.01	5.37	8.07	1.5 J
PCB-039	pg/g	1.7 J	0.603 U	0.876 U	1.63 J	0.644 U	1.07 U	0.71 U
PCB-040	pg/g	256	460	221	156	113	154	24.5
PCB-041	pg/g	954 C	2100 C	810 C	786 C	405 C	593 C	117 C
PCB-042	pg/g	484 C	973 C	388 C	317 C	197 C	320 C	57.5 C
PCB-043	pg/g	1700 C	3010 C	1290 C	1290 C	695 C	1010 C	143 C
PCB-044	pg/g	1510	2800	1320	1160	729	1030	123
PCB-045	pg/g	151	374	131	103	65.3	97.6	17.7
PCB-046	pg/g	64.7	138	59.6	49.6	29.1	42.5	9.06

Table 9
Laboratory Bioaccumulation Study Analytical Results for PCB Congeners and Lipids in Tissue

	SampID	LDW-Y3-LBS-SU-ENR-A-WORM	LDW-Y3-LBS-SU-ENR-B-WORM	LDW-Y3-LBS-SU-ENR-C-WORM	LDW-Y3-LBS-SU-ENR+AC-A-WORM	LDW-Y3-LBS-SU-ENR+AC-B-WORM	LDW-Y3-LBS-SU-ENR+AC-C-WORM	LDW-Y3-LBS-SU-ENR-A-CLAM
	UseDate	10/27/2020	10/27/2020	10/27/2020	10/27/2020	10/27/2020	10/27/2020	10/26/2020
	Plot	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal
	SubPlot	ENR	ENR	ENR	ENR+AC	ENR+AC	ENR+AC	ENR
Lipids								
Lipids	%	0.7	0.59	0.893	0.452	0.38	0.482	0.1
Polychlorinated Biphenyls (PCBs)								
PCBs (Total, Congeners)	pg/g	40700	61300	31700	29900	17700	24100	3990
PCB-047	pg/g	509	965	401	351	219	333	58.1
PCB-048	pg/g	342 C	627 C	274 C	226 C	153 C	230 C	39.6 C
PCB-049	pg/g	C043	C043	C043	C043	C043	C043	C043
PCB-050	pg/g	7.57	9.02	6.14	5.31	3.6	5.75	0.838 U
PCB-051	pg/g	46.2	111	51.9	48	30.2	42.3	8.66
PCB-052	pg/g	2400 C	4080 C	1800 C	1830 C	983 C	1320 C	203 C
PCB-053	pg/g	185	402	161	200	83.7	135	19
PCB-054	pg/g	3.36	4.24	3.7 J	2.18 J	1.81 J	2.92 J	0.655 U
PCB-055	pg/g	26.5	41.9	16.7	18.2	10.4	17.4	4.39
PCB-056	pg/g	566 C	1020 C	546 C	347 C	278 C	406 C	65.9 C
PCB-057	pg/g	11.2	23.1	8.91	7.55	5.99	7.74	2.05
PCB-058	pg/g	7.7	12.1	4.41 J	6.16	3.06	3.53	1.36 J
PCB-059	pg/g	C042	C042	C042	C042	C042	C042	C042
PCB-060	pg/g	C056	C056	C056	C056	C056	C056	C056
PCB-061	pg/g	1390 C	2680 C	1150 C	937 C	571 C	929 C	133 C
PCB-062	pg/g	0.838 U	0.693 U	1.17 U	0.994 U	0.704 U	1.54 U	0.659 U
PCB-063	pg/g	62.5	121	49	39	25.6	39.7	6.08
PCB-064	pg/g	C041	C041	C041	C041	C041	C041	C041
PCB-065	pg/g	0.864 U	0.764 U	1.1 U	0.939 U	0.665 U	1.46 U	0.727 U
PCB-066	pg/g	1070 C	2050 C	826 C	705 C	403 C	620 C	126 C
PCB-067	pg/g	52.4	92.2	33.1	29.8	20.5	29.8	6.07
PCB-068	pg/g	16.9	31.7	10.8	17	6.81	9.23	2.25
PCB-069	pg/g	C052	C052	C052	C052	C052	C052	C052
PCB-070	pg/g	C061	C061	C061	C061	C061	C061	C061
PCB-071	pg/g	C041	C041	C041	C041	C041	C041	C041
PCB-072	pg/g	C041	C041	C041	C041	C041	C041	C041
PCB-073	pg/g	24.7	38.8	22.8	30.1	10.6	20.3	3.62
PCB-074	pg/g	523	1150	508	381	241	374	62.4
PCB-075	pg/g	C048	C048	C048	C048	C048	C048	C048
PCB-076	pg/g	C066	C066	C066	C066	C066	C066	C066
PCB-077	pg/g	50.7	112	58.6	37	25.2	36.9	7.83
PCB-078	pg/g	0.688 U	11	1.07 U	0.623 U	0.488 U	4.69	0.756 U
PCB-079	pg/g	25	32.1	15.3	19	11.3	10.7	2.37
PCB-080	pg/g	0.686 U	0.595 U	0.859 U	0.732 U	0.518 U	1.14 U	0.566 U
PCB-081	pg/g	35.1	44.8	24.9	19.2	15.2	20.9	2.68
PCB-082	pg/g	201	312	190	137	102	131	20.8
PCB-083	pg/g	107 C	167 C	91 C	80.3 C	54.7 C	66.4 C	11.1 C
PCB-084	pg/g	931 C	1350 C	710 C	691 C	445 C	513 C	84.8 C
PCB-085	pg/g	244 C	374 C	233 C	183 C	130 C	168 C	25.4 C
PCB-086	pg/g	1.51 U	15	1.84 U	1.14 U	1.13 U	1.65 U	1.05 U
PCB-087	pg/g	640 C	934 C	591 C	438 C	340 C	433 C	47.9 C
PCB-088	pg/g	260 C	419 C	220 C	229 C	114 C	153 C	29.3 C
PCB-089	pg/g	21.5	38	18.8	15.3	8.91	14.6	3.71
PCB-090	pg/g	2350 C	3210 C	1760 C	1740 C	1030 C	1310 C	191 C
PCB-091	pg/g	C088	C088	C088	C088	C088	C088	C088
PCB-092	pg/g	C084	C084	C084	C084	C084	C084	C084
PCB-093	pg/g	0.806 U	0.879 U	1.29 U	0.808 U	0.799 U	1.45 U	0.874 U

Table 9
Laboratory Bioaccumulation Study Analytical Results for PCB Congeners and Lipids in Tissue

	SampID	LDW-Y3-LBS-SU-ENR-A-WORM	LDW-Y3-LBS-SU-ENR-B-WORM	LDW-Y3-LBS-SU-ENR-C-WORM	LDW-Y3-LBS-SU-ENR+AC-A-WORM	LDW-Y3-LBS-SU-ENR+AC-B-WORM	LDW-Y3-LBS-SU-ENR+AC-C-WORM	LDW-Y3-LBS-SU-ENR-A-CLAM
	UseDate	10/27/2020	10/27/2020	10/27/2020	10/27/2020	10/27/2020	10/27/2020	10/26/2020
	Plot	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal
	SubPlot	ENR	ENR	ENR	ENR+AC	ENR+AC	ENR+AC	ENR
Lipids								
Lipids	%	0.7	0.59	0.893	0.452	0.38	0.482	0.1
Polychlorinated Biphenyls (PCBs)								
PCBs (Total, Congeners)	pg/g	40700	61300	31700	29900	17700	24100	3990
PCB-094	pg/g	14.7	22.4	13.5	14.4	7.75	11.2	1.39 J
PCB-095	pg/g	2110	2900	1640	1660	811	1120	156
PCB-096	pg/g	15.9	27.8	14.2	13.1	7.43	10.7	1.47 J
PCB-097	pg/g	638	953	550	466	321	410	55.8
PCB-098	pg/g	0.807 UC	0.877 UC	1.38 UC	0.868 UC	0.859 UC	1.56 UC	0.873 UC
PCB-099	pg/g	915	1180	662	673	398	478	82.4
PCB-100	pg/g	19.8	18.7	13	16.5	8.21	9.85	2.12
PCB-101	pg/g	C090	C090	C090	C090	C090	C090	C090
PCB-102	pg/g	U,C098	U,C098	U,C098	U,C098	U,C098	U,C098	U,C098
PCB-103	pg/g	65.3	59.4	35.7	55.2	22.4	26.7	3.57
PCB-104	pg/g	0.553 U	0.617 U	0.951 U	0.597 U	0.591 U	1.07 U	0.613 U
PCB-105	pg/g	392	571	382	304	209	278	42.1
PCB-106	pg/g	1170 C	1780 C	1130 C	980 C	605 C	837 C	115 C
PCB-107	pg/g	129 C	163 C	87 C	95.7 C	50.6 C	68.9 C	11.9 C
PCB-108	pg/g	C107	C107	C107	C107	C107	C107	C107
PCB-109	pg/g	1.11 U	0.943 U	1.31 U	0.811 U	0.808 U	1.18 U	0.74 U
PCB-110	pg/g	1730	2680	1450	1240	828	1030	161
PCB-111	pg/g	24.8 C	40.2 C	28.5 C	13.9 C	15.1 C	21.1 C	4.55 C
PCB-112	pg/g	C083	C083	C083	C083	C083	C083	C083
PCB-113	pg/g	1.2 U	1.1 U	1.43 U	0.883 U	0.879 U	1.28 U	0.861 U
PCB-114	pg/g	29.5	43.2	27.9	21.5	15.1	21.5	4.25
PCB-115	pg/g	C111	C111	C111	C111	C111	C111	C111
PCB-116	pg/g	C085	C085	C085	C085	C085	C085	C085
PCB-117	pg/g	C087	C087	C087	C087	C087	C087	C087
PCB-118	pg/g	C106	C106	C106	C106	C106	C106	C106
PCB-119	pg/g	79.1	89	47.1	64.8	30.9	33.1	7.97
PCB-120	pg/g	12.4	10.6	5.54	9.76	4.33	4.24	1.59 J
PCB-121	pg/g	0.644 U	0.634 U	1.01 U	0.637 U	0.63 U	1.14 U	0.631 U
PCB-122	pg/g	17.6	23.1	15.7	12	10.1	12.3	2.26
PCB-123	pg/g	24.1	30.9	22.1	16.8	12.9	18.3	3.26
PCB-124	pg/g	61	85.1	57.5	46.3	35.2	46.8	6.44
PCB-125	pg/g	C087	C087	C087	C087	C087	C087	C087
PCB-126	pg/g	5.04	8.18	4.75	4.72	3.33	3.73	0.992 U
PCB-127	pg/g	1.07 U	0.777 U	1.23 U	1.05 U	0.916 U	1.26 U	0.919 U
PCB-128	pg/g	216 C	251 C	170 C	157 C	97.9 C	131 C	27.1 C
PCB-129	pg/g	65.1	82.9	58.3	47.5	35.7	43.1	6.44
PCB-130	pg/g	126	129	100	94.6	57.5	69	15.1
PCB-131	pg/g	79 C	68 C	50.6 C	56.2 C	34.6 C	40.1 C	9.48 C
PCB-132	pg/g	504 C	521 C	312 C	404 C	196 C	267 C	48.5 C
PCB-133	pg/g	C131	C131	C131	C131	C131	C131	C131
PCB-134	pg/g	133 C	142 C	99.9 C	102 C	59.6 C	77.6 C	12.5 C
PCB-135	pg/g	318	309	195	231	129	148	28.1
PCB-136	pg/g	355	328	269	329	161	195	29.3
PCB-137	pg/g	65.3	72.1	46.5	46.2	27.9	53.6	8.72
PCB-138	pg/g	1660 C	1720 C	1200 C	1200 C	706 C	912 C	166 C
PCB-139	pg/g	1760 C	1600 C	1030 C	1310 C	678 C	824 C	151 C
PCB-140	pg/g	24.6	16.4	12.9	18.5	8.76	9.26	2.33

Table 9
Laboratory Bioaccumulation Study Analytical Results for PCB Congeners and Lipids in Tissue

	SampID	LDW-Y3-LBS-SU-ENR-A-WORM	LDW-Y3-LBS-SU-ENR-B-WORM	LDW-Y3-LBS-SU-ENR-C-WORM	LDW-Y3-LBS-SU-ENR+AC-A-WORM	LDW-Y3-LBS-SU-ENR+AC-B-WORM	LDW-Y3-LBS-SU-ENR+AC-C-WORM	LDW-Y3-LBS-SU-ENR-A-CLAM
	UseDate	10/27/2020	10/27/2020	10/27/2020	10/27/2020	10/27/2020	10/27/2020	10/26/2020
	Plot	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal
	SubPlot	ENR	ENR	ENR	ENR+AC	ENR+AC	ENR+AC	ENR
Lipids								
Lipids	%	0.7	0.59	0.893	0.452	0.38	0.482	0.1
Polychlorinated Biphenyls (PCBs)								
PCBs (Total, Congeners)	pg/g	40700	61300	31700	29900	17700	24100	3990
PCB-141	pg/g	293	315	237	234	134	188	16
PCB-142	pg/g	1.13 U	0.947 U	1.67 U	1.25 U	0.848 U	1.82 U	0.768 U
PCB-143	pg/g	C134	C134	C134	C134	C134	C134	C134
PCB-144	pg/g	112	97.4	78.7	83.5	44.3	63.8	10.7
PCB-145	pg/g	0.748 U	0.967 U	1.41 U	0.693 U	0.863 U	1.49 U	0.736 U
PCB-146	pg/g	347 C	272 C	203 C	252 C	133 C	165 C	40.1 C
PCB-147	pg/g	42.8	38.1	25.9	28.6	17.1	23.7	4.78
PCB-148	pg/g	0.982 U	1.25 U	1.84 U	0.902 U	1.12 U	1.94 U	0.95 U
PCB-149	pg/g	C139	C139	C139	C139	C139	C139	C139
PCB-150	pg/g	7.74	5.69	5.03	8.91	3.79	4.22	0.746 U
PCB-151	pg/g	588	497	353	425	225	281	51.9
PCB-152	pg/g	3	3.01	2.58 J	1.87 J	1.69 J	1.55 U	0.754 U
PCB-153	pg/g	1760	1610	1180	1300	708	898	166
PCB-154	pg/g	69	37.3	38.9	54	27.9	26.9	6.28
PCB-155	pg/g	0.695 U	0.93 U	1.35 U	0.662 U	0.825 U	1.42 U	0.708 U
PCB-156	pg/g	103	122	92.1	77.5	52.1	69.1	12.9
PCB-157	pg/g	22.5	27	20.9	16.9	12.7	17	4.09
PCB-158	pg/g	156 C	181 C	121 C	119 C	73.1 C	96 C	17.7 C
PCB-159	pg/g	14.9	11.2	7.98	9.13	6.4	8.06	2.06
PCB-160	pg/g	C158	C158	C158	C158	C158	C158	C158
PCB-161	pg/g	C132	C132	C132	C132	C132	C132	C132
PCB-162	pg/g	C128	C128	C128	C128	C128	C128	C128
PCB-163	pg/g	C138	C138	C138	C138	C138	C138	C138
PCB-164	pg/g	C138	C138	C138	C138	C138	C138	C138
PCB-165	pg/g	C146	C146	C146	C146	C146	C146	C146
PCB-166	pg/g	4.77	6.78	4.64	3.25	2.6	4	0.559 U
PCB-167	pg/g	48.9	53.1	42.2	36.7	23.8	31.8	6.26
PCB-168	pg/g	0.804 U	0.669 U	1.15 U	0.865 U	0.586 U	1.26 U	0.542 U
PCB-169	pg/g	0.877 U	0.661 U	1.14 U	0.921 U	0.663 U	1.22 U	0.553 U
PCB-170	pg/g	265	219	189	203	121	175	27.8
PCB-171	pg/g	91.9	77	69.2	73.9	39.7	57	12.7
PCB-172	pg/g	55.5	44.3	38.7	44	26.6	36.7	6.22
PCB-173	pg/g	6.12	6.77	6.91	7.48	4.95	7.28	0.976 U
PCB-174	pg/g	389	320	258	289	162	226	26.4
PCB-175	pg/g	16.3	12.8	14.7	12.4	8.63	11.3	3.09
PCB-176	pg/g	60.9	48.7	42.2	46.4	25	31.9	7.27
PCB-177	pg/g	237	177	150	180	95.2	134	36.7
PCB-178	pg/g	103	78	62.7	76.2	37.5	54.8	18.4
PCB-179	pg/g	204	158	132	160	82.4	109	23.4
PCB-180	pg/g	638	530	484	540	291	403	75.8
PCB-181	pg/g	1.06 U	0.673 U	1.5 U	0.934 U	0.836 U	1.67 U	0.823 U
PCB-182	pg/g	561 C	386 C	340 C	368 C	214 C	303 C	68.9 C
PCB-183	pg/g	238	174	154	157	96.8	126	27.3
PCB-184	pg/g	0.773 U	0.51 U	1.03 U	0.641 U	0.574 U	1.14 U	0.624 U
PCB-185	pg/g	44.4	34.7	31.2	30.3	17.9	26.6	3.39
PCB-186	pg/g	0.837 U	0.556 U	1.11 U	0.69 U	0.618 U	1.23 U	0.68 U
PCB-187	pg/g	C182	C182	C182	C182	C182	C182	C182

Table 9
Laboratory Bioaccumulation Study Analytical Results for PCB Congeners and Lipids in Tissue

	SampID	LDW-Y3-LBS-SU-ENR-A-WORM	LDW-Y3-LBS-SU-ENR-B-WORM	LDW-Y3-LBS-SU-ENR-C-WORM	LDW-Y3-LBS-SU-ENR+AC-A-WORM	LDW-Y3-LBS-SU-ENR+AC-B-WORM	LDW-Y3-LBS-SU-ENR+AC-C-WORM	LDW-Y3-LBS-SU-ENR-A-CLAM
	UseDate	10/27/2020	10/27/2020	10/27/2020	10/27/2020	10/27/2020	10/27/2020	10/26/2020
	Plot	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal
	SubPlot	ENR	ENR	ENR	ENR+AC	ENR+AC	ENR+AC	ENR
Lipids								
Lipids	%	0.7	0.59	0.893	0.452	0.38	0.482	0.1
Polychlorinated Biphenyls (PCBs)								
PCBs (Total, Congeners)	pg/g	40700	61300	31700	29900	17700	24100	3990
PCB-188	pg/g	1.11 U	0.631 U	1.33 U	2.18 J	0.792 U	1.57 U	0.71 U
PCB-189	pg/g	8.12	7.9	8.29	6.92	4.37	6.27	1.56 J
PCB-190	pg/g	56	47	46.7	43.1	28.6	38.1	6.84
PCB-191	pg/g	11.8	10.5	11.3	10.6	6.31	9.63	2.9
PCB-192	pg/g	0.927 U	0.592 U	1.34 U	0.831 U	0.744 U	1.48 U	0.723 U
PCB-193	pg/g	41.7	30	25.5	31.6	18.5	24.4	6.55
PCB-194	pg/g	86.6	59.9	57.1	54.9	36.4	38.7	9.09
PCB-195	pg/g	37.1	27.5	24	25.9	15	18.1	3.57
PCB-196	pg/g	138 C	77.5 C	85.8 C	83.8 C	57.8 C	55.4 C	15 C
PCB-197	pg/g	7.88	4.36	9.75 MJ	3.85	2.98	4.29	0.685 U
PCB-198	pg/g	8.49	4.3	6.39	4.94	3.56	4.52	0.975 U
PCB-199	pg/g	141	79.4	85.6	82.1	58.3	55.7	16.8
PCB-200	pg/g	20.1	11.1	12.1	12.3	8.16	8.31	0.705 U
PCB-201	pg/g	18.7	12.2	13.6	15	8.51	10	3.83
PCB-202	pg/g	32.5	21.5	24.8	23.9	15.1	17.7	9.27
PCB-203	pg/g	C196	C196	C196	C196	C196	C196	C196
PCB-204	pg/g	1.06 U	0.878 U	1.36 U	0.856 U	1.09 U	1.35 U	0.691 U
PCB-205	pg/g	6.13	4.44	4.29 J	4.15	2.2 J	2.82 J	0.652 U
PCB-206	pg/g	25.3	15.5	19.5	17.2	11.5	13.3	3.45
PCB-207	pg/g	3.2	2.2 J	3.21 J	3.27	1.85 J	2.25 J	0.552 U
PCB-208	pg/g	8.4	4.73	6.53	6.46	3.99	5.13	1.27 J
PCB-209	pg/g	8.45	4.61	6.53	5.66	3.79	4.66	1.71 J

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

Table 9
Laboratory Bioaccumulation Study Analytical Results for PCB Congeners and Lipids in Tissue

	SampID	LDW-Y3-LBS-SU-ENR-B-CLAM	LDW-Y3-LBS-SU-ENR-C-CLAM	LDW-Y3-LBS-SU-ENR+AC-A-CLAM	LDW-Y3-LBS-SU-ENR+AC-B-CLAM	LDW-Y3-LBS-SU-ENR+AC-C-CLAM	LDW-Y3-LBS-CLAM-BAS	LDW-Y3-LBS-WORM-BAS
	UseDate	10/26/2020	10/26/2020	10/26/2020	10/26/2020	10/26/2020	10/27/2020	10/27/2020
	Plot	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal		
	SubPlot	ENR	ENR	ENR+AC	ENR+AC	ENR+AC		
Lipids								
Lipids	%	0.123	0.316	0.203	0.341	0.303	0.304	0.645
Polychlorinated Biphenyls (PCBs)								
PCBs (Total, Congeners)	pg/g	22900	4020	5200	4980	6840	578	1350
PCB-001	pg/g	1.59 J	0.738 U	1.4 J	0.849 U	1.82 U	0.88 U	294
PCB-002	pg/g	0.618 U	0.702 U	0.997 U	0.804 U	1.35 U	0.893 U	1.8 U
PCB-003	pg/g	0.873 J	0.676 U	0.869 U	0.769 U	1.11 U	0.914 U	72.2
PCB-004	pg/g	43.7	3.02	5.08	6.57	5.71	1.89 U	140
PCB-005	pg/g	0.988 U	0.899 U	1.21 U	1.27 U	1.45 U	1.14 U	2.14 U
PCB-006	pg/g	68.8	4.3	5.4	7.82	8.95	1.17 U	2.21 U
PCB-007	pg/g	6.02	0.912 U	1.23 U	1.29 U	1.47 U	1.13 U	2.12 U
PCB-008	pg/g	122	7.89	11	11.3	18.8	1.18 U	2.22 U
PCB-009	pg/g	8.87	0.925 U	1.78 J	1.31 U	1.49 U	1.15 U	2.16 U
PCB-010	pg/g	2.95	0.857 U	1.15 U	1.21 U	1.38 U	1.08 U	2.03 U
PCB-011	pg/g	18.2	14.5	9.04	17	19.3	39.6	25.7
PCB-012	pg/g	5.92	0.974 U	1.34 U	1.38 U	1.57 U	1.2 U	2.26 U
PCB-013	pg/g	9.6	0.98 U	1.35 U	1.38 U	1.58 U	1.22 U	2.3 U
PCB-014	pg/g	1.05 U	0.952 U	1.31 U	1.34 U	1.53 U	1.13 U	2.13 U
PCB-015	pg/g	39	6.37	4.38	6.83	9.28	1.12 U	12.4
PCB-016	pg/g	166	10.2	15.4	14.4	32.5	1.24 U	2.04 U
PCB-017	pg/g	303	20.5	28.5	25.8	56	1.39 U	2.27 U
PCB-018	pg/g	588	40	52.6	50.4	108	3.39	2.44 U
PCB-019	pg/g	41.4	3.16	3.86	4.76	7.45	1.58 U	65.7
PCB-020	pg/g	376 C	39.5 C	37 C	39.5 C	79.1 C	2.78 C	1.67 UC
PCB-021	pg/g	C020	C020	C020	C020	C020	C020	U,C020
PCB-022	pg/g	201	22	18.1	21	41.7	1.06 U	1.55 U
PCB-023	pg/g	0.659 U	0.461 U	0.878 U	0.737 U	0.934 U	1.06 U	1.54 U
PCB-024	pg/g	35.6	3.24	3.89	3.67	7.42	1.07 U	1.76 U
PCB-025	pg/g	96.7	9.58	8.44	10.2	20	1.17 U	1.71 U
PCB-026	pg/g	179	16.2	16	18.2	31.4	1.87 J	1.65 U
PCB-027	pg/g	27.9	3.79	3.13	3.68	6.73	1.11 U	1.82 U
PCB-028	pg/g	573	64.2	60.3	57.6	121	6.47	4.17
PCB-029	pg/g	3.64	0.498 U	0.948 U	0.797 U	1.33 J	1.08 U	1.58 U
PCB-030	pg/g	0.981 U	0.777 U	1.39 U	1.16 U	1.31 U	1.01 U	1.65 U
PCB-031	pg/g	649	56.6	59	55.5	112	5.44	4.59
PCB-032	pg/g	193	16.9	18.1	19.1	33.6	1.19 U	1.95 U
PCB-033	pg/g	C020	C020	C020	C020	C020	C020	U,C020
PCB-034	pg/g	12	0.554 U	1.55 J	0.886 U	2.43	1.15 U	1.67 U
PCB-035	pg/g	6.57	1.5 J	1.38 J	1.13 J	2.49	1.2 U	1.75 U
PCB-036	pg/g	0.754 U	0.528 U	1 U	0.844 U	1.07 U	1.12 U	1.63 U
PCB-037	pg/g	112	16.1	13.8	14	25	1.13 U	9.92
PCB-038	pg/g	9.02	1.65 J	2.19	1.85	3.03	1.15 U	1.69 U
PCB-039	pg/g	2.8	0.529 U	1.01 U	0.846 U	1.07 U	1.1 U	1.61 U
PCB-040	pg/g	186	22.7	27	24.4	37.6	1.85 U	2.83 U
PCB-041	pg/g	866 C	115 C	144 C	114 C	191 C	8.21 C	4.31 C
PCB-042	pg/g	426 C	55.6 C	66 C	57.3 C	98.6 C	3.88 C	1.97 UC
PCB-043	pg/g	1020 C	117 C	163 C	140 C	223 C	10.7 C	8.08 C
PCB-044	pg/g	973	113	145	119	208	8.3	11.1
PCB-045	pg/g	162	15.9	21.8	17.3	31.4	1.65 U	2.53 U
PCB-046	pg/g	67.1	8.39	10.6	7.65	14.6	1.74 U	2.66 U

Table 9
Laboratory Bioaccumulation Study Analytical Results for PCB Congeners and Lipids in Tissue

	SampID	LDW-Y3-LBS-SU-ENR-B-CLAM	LDW-Y3-LBS-SU-ENR-C-CLAM	LDW-Y3-LBS-SU-ENR+AC-A-CLAM	LDW-Y3-LBS-SU-ENR+AC-B-CLAM	LDW-Y3-LBS-SU-ENR+AC-C-CLAM	LDW-Y3-LBS-CLAM-BAS	LDW-Y3-LBS-WORM-BAS
	UseDate	10/26/2020	10/26/2020	10/26/2020	10/26/2020	10/26/2020	10/27/2020	10/27/2020
	Plot	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal		
	SubPlot	ENR	ENR	ENR+AC	ENR+AC	ENR+AC		
Lipids								
Lipids	%	0.123	0.316	0.203	0.341	0.303	0.304	0.645
Polychlorinated Biphenyls (PCBs)								
PCBs (Total, Congeners)	pg/g	22900	4020	5200	4980	6840	578	1350
PCB-047	pg/g	365	56.2	65.4	55.6	86.8	9.17	5.67
PCB-048	pg/g	257 C	31.5 C	42.2 C	33.3 C	58.4 C	2.69 C	1.77 UC
PCB-049	pg/g	C043	C043	C043	C043	C043	C043	C043
PCB-050	pg/g	4.81	0.738 U	1.03 U	1.11 U	1.39 U	1.37 U	2.1 U
PCB-051	pg/g	52.5	8.78	11.9	9.75	14	1.42 U	2.17 U
PCB-052	pg/g	1360 C	176 C	225 C	203 C	318 C	14.2 C	13.6 C
PCB-053	pg/g	154	17.9	25.7	20.6	33.9	1.41 U	2.17 U
PCB-054	pg/g	2.5	0.577 U	0.808 U	0.867 U	1.08 U	1.05 U	24.7
PCB-055	pg/g	17.2	4.05	4.02	4.44	5.72	1.03 U	1.58 U
PCB-056	pg/g	421 C	74.9 C	72.5 C	69.2 C	117 C	6.97 C	6.55 C
PCB-057	pg/g	10.6	1.53 J	2.44	2.17	2.43	1.06 U	1.62 U
PCB-058	pg/g	7.79	1.27 J	1.38 J	1.56 J	2.24	1.05 U	1.62 U
PCB-059	pg/g	C042	C042	C042	C042	C042	C042	U,C042
PCB-060	pg/g	C056	C056	C056	C056	C056	C056	C056
PCB-061	pg/g	952 C	136 C	167 C	143 C	223 C	11.9 C	12.4 C
PCB-062	pg/g	0.834 U	0.581 U	0.812 U	0.872 U	1.09 U	1.19 U	1.82 U
PCB-063	pg/g	45	5.34	8.15	6.05	9.44	1.07 U	1.64 U
PCB-064	pg/g	C041	C041	C041	C041	C041	C041	C041
PCB-065	pg/g	0.92 U	0.641 U	0.896 U	0.962 U	1.2 U	1.12 U	1.72 U
PCB-066	pg/g	885 C	130 C	155 C	129 C	205 C	11.4 C	8.55 C
PCB-067	pg/g	40.4	5.61	6.37	6.33	9.29	1.07 U	1.65 U
PCB-068	pg/g	16.6	2.39	3.61	3.13	5.57	1 U	1.54 U
PCB-069	pg/g	C052	C052	C052	C052	C052	C052	C052
PCB-070	pg/g	C061	C061	C061	C061	C061	C061	C061
PCB-071	pg/g	C041	C041	C041	C041	C041	C041	C041
PCB-072	pg/g	C041	C041	C041	C041	C041	C041	C041
PCB-073	pg/g	27.8	2.92	4.16	3.44	5.79	1.19 U	1.83 U
PCB-074	pg/g	463	65.4	79.3	63	104	7	5.65
PCB-075	pg/g	C048	C048	C048	C048	C048	C048	U,C048
PCB-076	pg/g	C066	C066	C066	C066	C066	C066	C066
PCB-077	pg/g	49.5	9.54	9.36	10.1	13.3	2.48	13.6
PCB-078	pg/g	4.79	0.495 U	0.763 U	0.668 U	2.27	1.24 U	1.97 U
PCB-079	pg/g	11.4	2.55	3.54	3.72	5.07	1.25 U	1.99 U
PCB-080	pg/g	0.717 U	0.499 U	0.698 U	0.749 U	0.937 U	0.875 U	1.34 U
PCB-081	pg/g	12.3	3.39	3.97	4.46	5.49	1.22 U	9.97
PCB-082	pg/g	118	24.4	27.8	27.2	37	3.42	2.63 U
PCB-083	pg/g	65.1 C	13.4 C	15.1 C	16 C	21 C	2.87 C	1.99 UC
PCB-084	pg/g	473 C	89.1 C	115 C	119 C	161 C	11.5 C	10.6 C
PCB-085	pg/g	147 C	32.2 C	37.2 C	34 C	50.6 C	4.08 C	4.72 C
PCB-086	pg/g	1.17 U	0.994 U	1.27 U	1.98	2.42	1.66 U	2.35 U
PCB-087	pg/g	280 C	58.1 C	70.3 C	63.7 C	95.7 C	5.2 C	7.66 C
PCB-088	pg/g	168 C	32.8 C	40.7 C	39.1 C	54.4 C	4.27 C	2.12 UC
PCB-089	pg/g	17.1	3.03	4.21	3.92	6.73	1.6 U	2.26 U
PCB-090	pg/g	984 C	201 C	268 C	257 C	360 C	18.4 C	30.4 C
PCB-091	pg/g	C088	C088	C088	C088	C088	C088	U,C088
PCB-092	pg/g	C084	C084	C084	C084	C084	C084	C084
PCB-093	pg/g	1.27 U	0.606 U	1.07 U	0.877 U	1.04 U	1.41 U	2.24 U

Table 9
Laboratory Bioaccumulation Study Analytical Results for PCB Congeners and Lipids in Tissue

	SampID	LDW-Y3-LBS-SU-ENR-B-CLAM	LDW-Y3-LBS-SU-ENR-C-CLAM	LDW-Y3-LBS-SU-ENR+AC-A-CLAM	LDW-Y3-LBS-SU-ENR+AC-B-CLAM	LDW-Y3-LBS-SU-ENR+AC-C-CLAM	LDW-Y3-LBS-CLAM-BAS	LDW-Y3-LBS-WORM-BAS
	UseDate	10/26/2020	10/26/2020	10/26/2020	10/26/2020	10/26/2020	10/27/2020	10/27/2020
	Plot	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal		
	SubPlot	ENR	ENR	ENR+AC	ENR+AC	ENR+AC		
Lipids								
Lipids	%	0.123	0.316	0.203	0.341	0.303	0.304	0.645
Polychlorinated Biphenyls (PCBs)								
PCBs (Total, Congeners)	pg/g	22900	4020	5200	4980	6840	578	1350
PCB-094	pg/g	7.79	1.95 J	2.02	1.58 J	2.93	1.56 U	2.48 U
PCB-095	pg/g	934	172	243	218	310	16.5	10.8
PCB-096	pg/g	9.41	1.76 J	2.41	1.81	3.28	1.12 U	1.78 U
PCB-097	pg/g	325	59.6	77.9	72.5	106	7.15	8.78
PCB-098	pg/g	1.26 UC	0.605 UC	1.07 UC	0.875 UC	1.04 UC	1.52 UC	2.41 UC
PCB-099	pg/g	410	83.7	115	110	151	13.9	14.7
PCB-100	pg/g	7.04	2.62	3.07	2.76	3	1.28 U	2.03 U
PCB-101	pg/g	C090	C090	C090	C090	C090	C090	C090
PCB-102	pg/g	U,C098	U,C098	U,C098	U,C098	U,C098	U,C098	U,C098
PCB-103	pg/g	18.3	3.61	6.7	6.68	7.16	1.33 U	2.11 U
PCB-104	pg/g	0.888 U	0.425 U	0.752 U	0.615 U	0.731 U	1.05 U	9.13
PCB-105	pg/g	227	52.9	61.8	57.9	78.5	8.21	16.9
PCB-106	pg/g	630 C	130 C	174 C	154 C	206 C	22.5 C	38.8 C
PCB-107	pg/g	59.5 C	12.7 C	18 C	16.2 C	21.4 C	4.38 C	3.69 C
PCB-108	pg/g	C107	C107	C107	C107	C107	C107	C107
PCB-109	pg/g	0.826 U	0.701 U	0.897 U	1.03 U	1.17 U	1.19 U	1.68 U
PCB-110	pg/g	931	170	230	203	302	15.3	12.2
PCB-111	pg/g	15 C	4.6 C	4.73 C	5.92 C	7.48 C	1.08 UC	1.53 UC
PCB-112	pg/g	C083	C083	C083	C083	C083	C083	U,C083
PCB-113	pg/g	0.961 U	0.816 U	1.04 U	1.2 U	1.36 U	1.29 U	1.82 U
PCB-114	pg/g	15.9	4.1	5.69	4.94	6.98	1.42 U	7.63
PCB-115	pg/g	C111	C111	C111	C111	C111	U,C111	U,C111
PCB-116	pg/g	C085	C085	C085	C085	C085	C085	C085
PCB-117	pg/g	C087	C087	C087	C087	C087	C087	C087
PCB-118	pg/g	C106	C106	C106	C106	C106	C106	C106
PCB-119	pg/g	37.2	7.15	10.4	11	13.1	1.81 J	1.65 U
PCB-120	pg/g	6.28	1.46 J	1.91	2.66	3.42	1.07 U	1.51 U
PCB-121	pg/g	0.913 U	0.438 U	0.773 U	0.633 U	0.752 U	1.12 U	1.77 U
PCB-122	pg/g	10.3	2.95	3.29	3.51	5.3	1.57 U	1.83 U
PCB-123	pg/g	13.5	4.14	3.76	4.01	6.03	1.67 U	9.24
PCB-124	pg/g	29.8	7.74	9.53	9.56	12.3	1.65 U	1.92 U
PCB-125	pg/g	C087	C087	C087	C087	C087	C087	C087
PCB-126	pg/g	2.79	0.76 U	0.964 U	1.15 U	0.994 U	1.62 U	10
PCB-127	pg/g	0.781 U	0.696 U	0.866 U	1.07 U	0.876 U	1.6 U	1.86 U
PCB-128	pg/g	108 C	30.2 C	35.6 C	35 C	46 C	7.52 C	7.99 C
PCB-129	pg/g	26.1	7.03	7.59	8.42	9.79	1.31 U	3.72
PCB-130	pg/g	58	18.2	20.9	23.5	30.1	5.8	7.65
PCB-131	pg/g	30.1 C	10.1 C	12.9 C	15.5 C	15.5 C	4.83 C	5.6 C
PCB-132	pg/g	213 C	43.2 C	69.1 C	70 C	90.6 C	7.05 C	5.28 C
PCB-133	pg/g	C131	C131	C131	C131	C131	C131	C131
PCB-134	pg/g	49.4 C	13.7 C	17.2 C	18 C	22.4 C	6.67 C	2.46 UC
PCB-135	pg/g	110	31.9	45	46.7	51.3	7.22	5.29
PCB-136	pg/g	114	28.1	44.9	42.2	51.8	5	2.2 U
PCB-137	pg/g	34.8	8.2	11.4	11.5	10.9	2.88	5.94
PCB-138	pg/g	641 C	182 C	246 C	238 C	279 C	33.2 C	45.7 C
PCB-139	pg/g	561 C	150 C	221 C	219 C	253 C	20 C	19.6 C
PCB-140	pg/g	7.59	2.02	4.45	4.95	4.39	1.04 U	1.98 U

Table 9
Laboratory Bioaccumulation Study Analytical Results for PCB Congeners and Lipids in Tissue

	SampID	LDW-Y3-LBS-SU-ENR-B-CLAM	LDW-Y3-LBS-SU-ENR-C-CLAM	LDW-Y3-LBS-SU-ENR+AC-A-CLAM	LDW-Y3-LBS-SU-ENR+AC-B-CLAM	LDW-Y3-LBS-SU-ENR+AC-C-CLAM	LDW-Y3-LBS-CLAM-BAS	LDW-Y3-LBS-WORM-BAS
	UseDate	10/26/2020	10/26/2020	10/26/2020	10/26/2020	10/26/2020	10/27/2020	10/27/2020
	Plot	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal		
	SubPlot	ENR	ENR	ENR+AC	ENR+AC	ENR+AC		
Lipids								
Lipids	%	0.123	0.316	0.203	0.341	0.303	0.304	0.645
Polychlorinated Biphenyls (PCBs)								
PCBs (Total, Congeners)	pg/g	22900	4020	5200	4980	6840	578	1350
PCB-141	pg/g	65.5	16.1	25	22.4	24	1.16 U	6.33
PCB-142	pg/g	1.37 U	0.928 U	1.21 U	1.14 U	1.26 U	1.25 U	2.38 U
PCB-143	pg/g	C134	C134	C134	C134	C134	C134	U,C134
PCB-144	pg/g	39.1	10.4	14	14	16.8	1.11 U	2.12 U
PCB-145	pg/g	1.2 U	0.95 U	1.02 U	1.07 U	1.15 U	1.38 U	2.06 U
PCB-146	pg/g	118 C	38.1 C	54.3 C	62.9 C	64.9 C	17.1 C	15.8 C
PCB-147	pg/g	16.6	6.05	7.06	8.79	8.32	1.06 U	2.02 U
PCB-148	pg/g	1.55 U	1.23 U	1.32 U	1.38 U	1.48 U	1.8 U	2.69 U
PCB-149	pg/g	C139	C139	C139	C139	C139	C139	C139
PCB-150	pg/g	1.22 U	0.963 U	1.04 U	1.71 J	1.16 U	1.42 U	2.13 U
PCB-151	pg/g	181	52.8	74.1	77.2	88.6	10.1	8.32
PCB-152	pg/g	1.23 U	0.973 U	1.05 U	1.09 U	1.17 U	1.44 U	2.15 U
PCB-153	pg/g	564	178	245	249	272	43.4	64
PCB-154	pg/g	12.8	4.96	7.39	10.6	7.93	2.99	2.46 U
PCB-155	pg/g	1.16 U	0.913 U	0.983 U	1.02 U	1.1 U	1.32 U	6.09
PCB-156	pg/g	54.2	15.1	18.4	16.4	19.4	2.39	12.1
PCB-157	pg/g	13.8	4.06	5.32	5.1	5.77	0.941 U	9.42
PCB-158	pg/g	74.1 C	19.4 C	24.5 C	24.4 C	30 C	2.99 C	4.91 C
PCB-159	pg/g	4.74	2.55	3.2	4.24	3.84	1.45 J	1.65 U
PCB-160	pg/g	C158	C158	C158	C158	C158	C158	C158
PCB-161	pg/g	C132	C132	C132	C132	C132	C132	C132
PCB-162	pg/g	C128	C128	C128	C128	C128	C128	C128
PCB-163	pg/g	C138	C138	C138	C138	C138	C138	C138
PCB-164	pg/g	C138	C138	C138	C138	C138	C138	C138
PCB-165	pg/g	C146	C146	C146	C146	C146	C146	C146
PCB-166	pg/g	3.26	0.675 U	0.882 U	0.83 U	0.914 U	0.901 U	1.71 U
PCB-167	pg/g	23.1	7.85	9.16	9.59	10.7	2.94	8.49
PCB-168	pg/g	0.97 U	0.655 U	0.856 U	0.806 U	0.887 U	0.865 U	1.64 U
PCB-169	pg/g	1.01 U	0.648 U	0.874 U	0.838 U	0.938 U	0.901 U	11.7
PCB-170	pg/g	78.8	27.6	36.5	38.3	36.3	1.89 U	12.9
PCB-171	pg/g	35.7	12.9	16.8	18.9	20	1.69 U	2.53 U
PCB-172	pg/g	15	4.52	6.84	7.16	5.95	1.8 U	2.69 U
PCB-173	pg/g	1.46 U	0.976 U	1.05 U	1.47 U	1.31 U	1.8 U	2.69 U
PCB-174	pg/g	81	23.5	36.4	38.9	34.8	1.7 U	2.54 U
PCB-175	pg/g	7.67	3.24	3.42	4.35	5.63	1.59 U	2.38 U
PCB-176	pg/g	20.6	8.62	11.9	12.3	12.8	1.18 U	1.77 U
PCB-177	pg/g	88.7	37.2	49.5	57.4	54.2	10.2	8.53
PCB-178	pg/g	42.1	22.6	25.1	32.9	30.9	11.2	2.46 U
PCB-179	pg/g	61.1	23.2	33.7	42.1	38	6.14	5.72
PCB-180	pg/g	205	71.4	103	107	101	11.9	17.7
PCB-181	pg/g	1.23 U	0.823 U	0.889 U	1.24 U	1.1 U	1.55 U	2.32 U
PCB-182	pg/g	168 C	74.1 C	96.4 C	115 C	112 C	27.2 C	21.7 C
PCB-183	pg/g	68.3	28	40.8	38.7	38.7	7.74	10.2
PCB-184	pg/g	0.933 U	0.623 U	0.674 U	0.937 U	0.836 U	1.06 U	1.59 U
PCB-185	pg/g	9.81	3	5	3.88	4.62	1.63 U	2.44 U
PCB-186	pg/g	1.02 U	0.679 U	0.734 U	1.02 U	0.911 U	1.15 U	1.71 U
PCB-187	pg/g	C182	C182	C182	C182	C182	C182	C182

Table 9
Laboratory Bioaccumulation Study Analytical Results for PCB Congeners and Lipids in Tissue

	SampID	LDW-Y3-LBS-SU-ENR-B-CLAM	LDW-Y3-LBS-SU-ENR-C-CLAM	LDW-Y3-LBS-SU-ENR+AC-A-CLAM	LDW-Y3-LBS-SU-ENR+AC-B-CLAM	LDW-Y3-LBS-SU-ENR+AC-C-CLAM	LDW-Y3-LBS-CLAM-BAS	LDW-Y3-LBS-WORM-BAS
	UseDate	10/26/2020	10/26/2020	10/26/2020	10/26/2020	10/26/2020	10/27/2020	10/27/2020
	Plot	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal		
	SubPlot	ENR	ENR	ENR+AC	ENR+AC	ENR+AC		
Lipids								
Lipids	%	0.123	0.316	0.203	0.341	0.303	0.304	0.645
Polychlorinated Biphenyls (PCBs)								
PCBs (Total, Congeners)	pg/g	22900	4020	5200	4980	6840	578	1350
PCB-188	pg/g	1.13 U	0.734 U	0.76 U	1.1 U	0.962 U	1.23 U	5.89
PCB-189	pg/g	3.44	1.61 J	2.57	1.02 U	1.96	1.34 U	9.45
PCB-190	pg/g	18.7	7.25	9.69	9.26	9.19	1.44 U	2.15 U
PCB-191	pg/g	5.31	2.44	3.15	3.41	3.61	1.34 U	2 U
PCB-192	pg/g	1.08 U	0.723 U	0.781 U	1.09 U	0.969 U	1.38 U	2.06 U
PCB-193	pg/g	14.7	6.55	9.7	10.1	10.3	1.31 U	1.95 U
PCB-194	pg/g	19.8	8.62	12.5	14.5	11	1.79 U	3.61
PCB-195	pg/g	8.78	3.46	4.92	5.67	4.31	1.89 U	2.28 U
PCB-196	pg/g	32.5 C	11.4 C	19.1 C	23.3 C	18.4 C	3.5 C	6.38 C
PCB-197	pg/g	2.85	0.802 U	1.11 U	2.77	2.44	1.3 U	1.95 U
PCB-198	pg/g	1.16 U	1.14 U	1.59 U	1.44 U	1.68 U	1.94 U	2.91 U
PCB-199	pg/g	36.3	15.1	24.3	28.5	21.5	7.49	7.4
PCB-200	pg/g	3.32	0.826 U	1.15 U	3.29	1.22 U	1.35 U	2.03 U
PCB-201	pg/g	8.2	5.63	5.25	8.36	8.19	3.04	1.97 U
PCB-202	pg/g	18.7	12.4	11.8	18.3	16	10.5	9.47
PCB-203	pg/g	C196	C196	C196	C196	C196	C196	C196
PCB-204	pg/g	0.823 U	0.809 U	1.12 U	1.02 U	1.19 U	1.31 U	1.97 U
PCB-205	pg/g	1.99	0.699 U	0.817 U	0.932 U	2.1	1.57 U	8.85
PCB-206	pg/g	5.1	2.27	3.79	4.88	1.72 U	1.66 U	8.86
PCB-207	pg/g	0.718 U	0.488 U	0.658 U	0.739 U	1.15 U	1.22 U	1.73 U
PCB-208	pg/g	1.87 J	0.441 U	0.646 U	1.21 J	1.04 U	1.31 U	6.62
PCB-209	pg/g	2.62	1.37 J	1.42 J	2.46	1.75 J	1.35 U	7.17

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

Table 10
Laboratory Bioaccumulation Study Analytical Results for PCB Congeners in Porewater

		SampID	LDW-Y3-SU-ENR-CA-S010-BIO	LDW-Y3-SU-ENR-CB-S010-BIO	LDW-Y3-SU-ENR-CC-S010-BIO	LDW-Y3-SU-ENR+AC-CA-S010-BIO	LDW-Y3-SU-ENR+AC-CB-S010-BIO	LDW-Y3-SU-ENR+AC-CC-S010-BIO	LDW-Y3-LBS-WAT-S010-SPME
		SampDate	9/28/2020	9/28/2020	9/28/2020	9/28/2020	9/28/2020	9/28/2020	9/28/2020
		Plot	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal
		SubPlot	ENR	ENR	ENR	ENR+AC	ENR+AC	ENR+AC	Overlying Water
Polychlorinated Biphenyls (PCBs)									
PCBs (Total, Congeners)	pg/L		5200	26000	7500	9900	5200	4700	2.6
PCB-001	pg/L		34 J	56	18 J	75	19 J	19 J	13 U
PCB-002	pg/L		3.4 U	2.2 U	3.6 U	2.8 U	1.5 U	1.5 U	3.7 U
PCB-003	pg/L		3.7 U	4.2 J	3.8 U	3.1 U	1.7 U	1.7 U	4.1 U
PCB-004	pg/L		200	920	140	160	54	94	14 U
PCB-005	pg/L		7.3 U	4.3 U	5.6 U	5 U	3 U	2.1 U	5.4 U
PCB-006	pg/L		64	380	61	61	22	36	5.7 U
PCB-007	pg/L		8.8 J	37	9.8 J	8.9 J	2.9 U	7.1 J	5.7 U
PCB-008	pg/L		190	780	190	130	56	95	5.6 U
PCB-009	pg/L		13 J	69	13 J	17	2.9 U	4.9 J	5.5 U
PCB-010	pg/L		13 J	51	8.4 U	6.6 U	4.6 U	3.3 U	11 U
PCB-011	pg/L		7.7 UB	7.4	11 UB	7.9 UB	5.3 UB	4.8 UB	6.1 UB
PCB-012	pg/L		4.4 U	15	3.8 U	4.1 U	2.3 U	1.4 U	2.9 U
PCB-013	pg/L		4.1 U	13	3.6 U	5.6 J	2.4 U	1.5 U	2.9 U
PCB-014	pg/L		PRC	PRC	PRC	PRC	PRC	PRC	PRC
PCB-015	pg/L		29	75	33	19	8.6	13	3.2 U
PCB-016	pg/L		130	560	150	120	75	100	2.4 U
PCB-017	pg/L		220	1000	250	210	100	150	2.6 U
PCB-018	pg/L		490	2500	580	540	250	380	2.7 U
PCB-019	pg/L		240	350	94	73	30	53	4.5 U
PCB-020	pg/L		160 C	730 C	250 C	160 C	84 C	110 C	1.2 UC
PCB-021	pg/L		C020	C020	C020	C020	C020	C020	C020
PCB-022	pg/L		81	370	120	82	44	61	1.1 U
PCB-023	pg/L		2.3 U	2.4 U	4 U	2.6 U	1.7 U	1.1 U	1.1 U
PCB-024	pg/L		23	91	31	24	14	19	2 U
PCB-025	pg/L		43	210	57	48	22	28	1.2 U
PCB-026	pg/L		74	430	100	84	38	52	1.1 U
PCB-027	pg/L		19	91	21	22	8.5	14	2 U
PCB-028	pg/L		280	1200	350	270	150	190	1 U
PCB-029	pg/L		2.2 U	13	3.8 U	2.5 U	1.7 U	2 J	1.1 U
PCB-030	pg/L		3.3 U	2.9 U	3.9 U	3.6 U	2.1 U	2 U	1.9 U
PCB-031	pg/L		270	1300	410	280	130	170	1.1 U
PCB-032	pg/L		160	710	210	150	51	99	2.2 U
PCB-033	pg/L		C020	C020	C020	C020	C020	C020	C020
PCB-034	pg/L		2.3 U	23	4 U	4.9 J	1.9 U	2.8 J	1.2 U
PCB-035	pg/L		1.5 U	7.8 L	3.6 J L	2.4 U L	1.7 U	0.93 U	0.75 U
PCB-036	pg/L		PRC	PRC	PRC	PRC	PRC	PRC	PRC
PCB-037	pg/L		26	120 L	41 L	35 L	20	22	0.74 U
PCB-038	pg/L		1.4 U	12 L	4.4 J L	2.3 U L	1.5 U	0.87 U	0.69 U
PCB-039	pg/L		1.5 U	2 U L	2.9 U L	2.6 U L	1.7 U	0.98 U	0.72 U
PCB-040	pg/L		35	190 L	53 L	69 L	33	35	1.3 U
PCB-041	pg/L		150 C	830 C L	250 C L	330 C L	160 C	160 C	0.78 UC
PCB-042	pg/L		69 C	410 C L	110 C L	150 C L	73 C	74 C	0.95 UC
PCB-043	pg/L		210 C	1200 C L	330 C L	460 C L	210 C	220 C	1 UC
PCB-044	pg/L		190	1100 L	300 L	430 L	200	210	1.2 U
PCB-045	pg/L		57	300 L	88 L	86	40	48	1.5 U
PCB-046	pg/L		24	120 L	36 L	38	18	20	1.6 U

Table 10
Laboratory Bioaccumulation Study Analytical Results for PCB Congeners in Porewater

	SampID	LDW-Y3-SU-ENR-CA-S010-BIO	LDW-Y3-SU-ENR-CB-S010-BIO	LDW-Y3-SU-ENR-CC-S010-BIO	LDW-Y3-SU-ENR+AC-CA-S010-BIO	LDW-Y3-SU-ENR+AC-CB-S010-BIO	LDW-Y3-SU-ENR+AC-CC-S010-BIO	LDW-Y3-LBS-WAT-S010-SPME
	SampDate	9/28/2020	9/28/2020	9/28/2020	9/28/2020	9/28/2020	9/28/2020	9/28/2020
	Plot	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal
	SubPlot	ENR	ENR	ENR	ENR+AC	ENR+AC	ENR+AC	Overlying Water
Polychlorinated Biphenyls (PCBs)								
PCB-047	pg/L	64	360 L	110 L	150 L	75	71	0.98 U
PCB-048	pg/L	46 C	240 C L	73 C L	94 C L	45 C	49 C	0.81 UC
PCB-049	pg/L	C043	C043	C043	C043	C043	C043	C043
PCB-050	pg/L	3.5 J	13 L	6.4 J L	5.2 J	3.4 J	2.9 J	1.3 U
PCB-051	pg/L	20	89 L	34 L	35	17	20	1.3 U
PCB-052	pg/L	280 C	34 C L	450 C L	670 C L	310 C	300 C	0.86 C,J
PCB-053	pg/L	61	300 L	96 L	120	47	58	1.4 U
PCB-054	pg/L	1.6 U	7.7 L	2.4 U L	1.9 U L	1.2 U	1.7 J	1 U
PCB-055	pg/L	2.7	14 L	6.6 L	12 L	6.7 L	4.8	0.094
PCB-056	pg/L	61 C	320 C L	110 C L	130 C L	75 C L	64 C	1.2 UC
PCB-057	pg/L	1.5 J	7.1 L	1.6 U L	3.9 J L	1.1 U L	1.4 J	0.55 U
PCB-058	pg/L	0.93 U	5.2 J L	1.6 U L	1.8 U L	1.2 U L	1.1 U	0.57 U
PCB-059	pg/L	C042	C042	C042	C042	C042	C042	C042
PCB-060	pg/L	C056	C056	C056	C056	C056	C056	C056
PCB-061	pg/L	120 C	680 C L	220 C L	320 C L	170 C L	150 C	0.6 UC
PCB-062	pg/L	1.2 U	1.7 U L	2 U L	2.1 U L	1.3 U	1.4 U	0.79 U
PCB-063	pg/L	4.9	33 L	9.3 L	14 L	6.8 L	6.2	0.55 U
PCB-064	pg/L	C041	C041	C041	C041	C041	C041	C041
PCB-065	pg/L	1.2 U	1.7 U L	1.9 U L	1.9 U L	1.2 U	1.2 U	0.79 U
PCB-066	pg/L	88 C	550 C L	160 C L	220 C L	120 C L	110 C	0.53 UC
PCB-067	pg/L	4.4	23 L	7.8 L	13 L	7 L	6.2	0.54 U
PCB-068	pg/L	2.7	16 L	3.7 J L	9.1 L	4.5 L	3.2	0.53 U
PCB-069	pg/L	C052	C052	C052	C052	C052	C052	C052
PCB-070	pg/L	C061	C061	C061	C061	C061	C061	C061
PCB-071	pg/L	C041	C041	C041	C041	C041	C041	C041
PCB-072	pg/L	C041	C041	C041	C041	C041	C041	C041
PCB-073	pg/L	3.7	28 L	7.1 L	8.5 L	2.9	2.9	0.59 J
PCB-074	pg/L	51	310 L	94 L	140 L	72 L	64	0.54 U
PCB-075	pg/L	C048	C048	C048	C048	C048	C048	C048
PCB-076	pg/L	C066	C066	C066	C066	C066	C066	C066
PCB-077	pg/L	3.6	27 L	9.6 L	12 L	7.8 L	5.9	0.86 U
PCB-078	pg/L	PRC	PRC	PRC	PRC	PRC	PRC	PRC
PCB-079	pg/L	2	10 L	3.2 J L	5 J L	2.7 J L	1.9 J	0.81 U
PCB-080	pg/L	1.6 J	11 L	3.7 L	10 L	3.5 L	1.9	0.35 U
PCB-081	pg/L	3	14 L	6.9 L	11 L	6.6 L	3.5	0.77 U
PCB-082	pg/L	11	75 L	24 L	31 L	20 L	14 L	0.49 U
PCB-083	pg/L	4.9 C	41 C L	10 C L	21 C L	11 C L	7.2 C L	0.38 UC
PCB-084	pg/L	62 C	420 C L	130 C L	210 C L	110 C L	79 C L	0.52 UC
PCB-085	pg/L	12 C	88 C L	29 C L	52 C L	25 C L	18 C L	0.36 UC
PCB-086	pg/L	1 U	3.5 U L	2.5 U L	3.3 U L	2 U L	1.1 U L	0.49 U
PCB-087	pg/L	30 C	200 C L	70 C L	120 C L	65 C L	44 C L	0.34 UC
PCB-088	pg/L	0.61 UC	1.7 UC L	1 UC L	2.8 UC L	2.2 UC L	0.69 UC L	0.51 UC
PCB-089	pg/L	2.2	13 L	4.9 L	6.5 L	3.5 J L	3.1 L	0.6 U

Table 10
Laboratory Bioaccumulation Study Analytical Results for PCB Congeners in Porewater

		SampID	LDW-Y3-SU-ENR-CA-S010-BIO	LDW-Y3-SU-ENR-CB-S010-BIO	LDW-Y3-SU-ENR-CC-S010-BIO	LDW-Y3-SU-ENR+AC-CA-S010-BIO	LDW-Y3-SU-ENR+AC-CB-S010-BIO	LDW-Y3-SU-ENR+AC-CC-S010-BIO	LDW-Y3-LBS-WAT-S010-SPME
		SampDate	9/28/2020	9/28/2020	9/28/2020	9/28/2020	9/28/2020	9/28/2020	9/28/2020
		Plot	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal
		SubPlot	ENR	ENR	ENR	ENR+AC	ENR+AC	ENR+AC	Overlying Water
Polychlorinated Biphenyls (PCBs)									
PCB-090	pg/L		110 C	730 C L	230 C L	420 C L	230 C L	150 C L	0.4 UC
PCB-091	pg/L		C088	C088	C088	C088	C088	C088	C088
PCB-092	pg/L		C084	C084	C084	C084	C084	C084	C084
PCB-093	pg/L		0.61 U	1.7 U L	1 U L	1.6 U L	1.3 U L	0.39 U L	0.57 U
PCB-094	pg/L		0.64 U	8.6 L	3.1 J L	5.8 L	1.5 U L	0.47 U L	0.57 U
PCB-095	pg/L		140	860 L	270 L	490 L	260 L	180 L	0.49 U
PCB-096	pg/L		1.4 J	14 L	3.3 J L	5.8 L	3.6 J L	2.3 L	0.35 U
PCB-097	pg/L		32	240 L	69 L	120 L	62 L	44 L	0.46 U
PCB-098	pg/L		0.65 UC	1.8 UC L	1.1 UC L	1.9 UC L	1.5 UC L	0.47 UC L	0.57 UC
PCB-099	pg/L		45	320 L	92 L	160 L	90 L	59 L	0.37 U
PCB-100	pg/L		2.2	8 L	3.9 J L	8 L	4.7 L	2.8 L	0.47 U
PCB-101	pg/L		C090	C090	C090	C090	C090	C090	C090
PCB-102	pg/L		C098	C098	C098	C098	C098	C098	C098
PCB-103	pg/L		3.4	19 L	4.8 L	13 L	6.8 L	4.2 L	0.48 U
PCB-104	pg/L		PRC	PRC	PRC	PRC	PRC	PRC	PRC
PCB-105	pg/L		13 L	100 L	32 L	61 L	36 L	21 L	0.23 U
PCB-106	pg/L		43 C L	340 C L	91 C L	200 C L	110 C L	67 C L	0.22 UC
PCB-107	pg/L		0.96 C,J L	35 C L	8.6 C L	20 C L	11 C L	5.9 C L	0.24 UC
PCB-108	pg/L		C107	C107	C107	C107	C107	C107	C107
PCB-109	pg/L		0.63 U	2.1 U L	1.5 U L	2.3 U L	1.4 U L	0.75 U L	0.33 U
PCB-110	pg/L		90	650 L	200 L	350 L	190 L	130 L	0.31 U
PCB-111	pg/L		1.8 C L	7.6 C L	4.5 C L	4.5 C,J L	4.1 C L	1.8 C L	0.27 UC
PCB-112	pg/L		C083	C083	C083	C083	C083	C083	C083
PCB-113	pg/L		0.67 U	2.3 U L	1.6 U L	2.6 U L	1.5 U L	0.82 U L	0.34 U
PCB-114	pg/L		1.1 J L	7.9 L	3.1 L	5.9 L	4 L	2.1 L	0.25 U
PCB-115	pg/L		C111	C111	C111	C111	C111	C111	C111
PCB-116	pg/L		C085	C085	C085	C085	C085	C085	C085
PCB-117	pg/L		C087	C087	C087	C087	C087	C087	C087
PCB-118	pg/L		C106	C106	C106	C106	C106	C106	C106
PCB-119	pg/L		3.4	24 L	1.4 U L	13 L	6.5 L	4.4 L	0.3 U
PCB-120	pg/L		0.47 U L	1.9 U L	1.2 U L	1.9 U L	1.2 U L	0.59 U L	0.23 U
PCB-121	pg/L		PRC	PRC	PRC	PRC	PRC	PRC	PRC
PCB-122	pg/L		0.88 J L	4.8 J L	1.6 J L	3 J L	1 U L	0.99 J L	0.23 U
PCB-123	pg/L		1 J L	5.9 L	1.6 J L	4.6 J L	2.5 J L	1.3 J L	0.26 U
PCB-124	pg/L		2 L	14 L	5.8 L	10 L	6 L	3.7 L	0.22 U
PCB-125	pg/L		C087	C087	C087	C087	C087	C087	C087
PCB-126	pg/L		0.44 U L	1.8 U L	0.86 U L	1.8 U L	1.2 U L	0.46 U L	0.24 U
PCB-127	pg/L		0.36 U L	1.6 U L	0.79 U L	1.6 U L	1 U L	0.39 U L	0.19 U
PCB-128	pg/L		4.2 C L	40 C L	9.2 C L	25 C L	19 C L	8.2 C L	0.13 UC
PCB-129	pg/L		1.3 L	15 L	4.1 L	9.1 L	6.6 L	2.5 L	0.19 U
PCB-130	pg/L		2.6 L	25 L	6.1 L	15 L	9.6 L	4 L	0.17 U
PCB-131	pg/L		0.76 UB C L	4.5 UB C L	2 UB C L	4.3 UB C L	3.7 UB C L	1.4 UB C L	0.2 UC
PCB-132	pg/L		12 C L	100 C L	27 C L	66 C L	44 C L	23 C L	0.22 C,J
PCB-133	pg/L		C131	C131	C131	C131	C131	C131	C131
PCB-134	pg/L		3.5 C L	30 C L	7.4 C L	17 C L	11 C L	5.3 C L	0.22 UC
PCB-135	pg/L		8.1 L	63 L	16 L	43 L	29 L	13 L	0.21 U
PCB-136	pg/L		10 L	90 L	18 L	63 L	39 L	17 L	0.16 U
PCB-137	pg/L		1.4 L	16 L	3.1 L	8.8 L	5.7 L	2.4 L	0.16 U
PCB-138	pg/L		30 C L	290 C L	73 C L	200 C L	130 C L	58 C L	0.14 UC
PCB-139	pg/L		43 C L	380 C L	93 C L	240 C L	160 C L	74 C L	0.19 UC
PCB-140	pg/L		1.1 L	5.6 L	1.2 J L	3.4 J L	2.5 J L	0.97 J L	0.19 U

Table 10
Laboratory Bioaccumulation Study Analytical Results for PCB Congeners in Porewater

		SampID	LDW-Y3-SU-ENR-CA-S010-BIO	LDW-Y3-SU-ENR-CB-S010-BIO	LDW-Y3-SU-ENR-CC-S010-BIO	LDW-Y3-SU-ENR+AC-CA-S010-BIO	LDW-Y3-SU-ENR+AC-CB-S010-BIO	LDW-Y3-SU-ENR+AC-CC-S010-BIO	LDW-Y3-LBS-WAT-S010-SPME
		SampDate	9/28/2020	9/28/2020	9/28/2020	9/28/2020	9/28/2020	9/28/2020	9/28/2020
		Plot	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal
		SubPlot	ENR	ENR	ENR	ENR+AC	ENR+AC	ENR+AC	Overlying Water
Polychlorinated Biphenyls (PCBs)									
PCB-141	pg/L		5.6 L	55 L	14 L	37 L	23 L	10 L	0.16 U
PCB-142	pg/L		PRC	PRC	PRC	PRC	PRC	PRC	PRC
PCB-143	pg/L		C134	C134	C134	C134	C134	C134	C134
PCB-144	pg/L		3 L	26 L	5.8 L	13 L	7.8 L	5.3 L	0.17 U
PCB-145	pg/L		0.29 U L	1.5 U L	0.7 U L	2.2 U L	1.2 U L	0.43 U L	0.15 U
PCB-146	pg/L		7 C L	54 C L	13 C L	38 C L	26 C L	11 C L	0.26 C,J
PCB-147	pg/L		1.5 L	10 L	2.1 J L	5 L	3.5 J L	1.4 J L	0.19 U
PCB-148	pg/L		0.48 U L	2.2 U L	1.1 U L	2.6 U L	1.5 U L	0.53 U L	0.22 U
PCB-149	pg/L		C139	C139	C139	C139	C139	C139	C139
PCB-150	pg/L		0.29 U L	1.5 U L	0.68 U L	2.2 U L	1.2 U L	0.43 U L	0.15 U
PCB-151	pg/L		14 L	120 L	28 L	70 L	49 L	22 L	0.2 U
PCB-152	pg/L		0.3 U L	1.5 U L	0.71 U L	2 U L	1.2 U L	0.39 U L	0.15 U
PCB-153	pg/L		35 L	300 L	80 L	200 L	130 L	54 L	0.46
PCB-154	pg/L		2.6 L	14 L	3.4 L	13 L	7.7 L	2.7 L	0.2 U
PCB-155	pg/L		PRC	PRC	PRC	PRC	PRC	PRC	PRC
PCB-156	pg/L		1.7 L	17 L	4.7 L	13 L	8.5 L	3.5 L	0.11 U
PCB-157	pg/L		0.56 J L	4 J L	1.4 J L	3.5 J L	2.4 J L	0.93 J L	0.11 U
PCB-158	pg/L		2.9 C L	31 C L	8 C L	19 C L	13 C L	6 C L	0.12 UC
PCB-159	pg/L		0.57 J L	4.4 L	1.3 J L	2.4 J L	2.1 J L	0.93 J L	0.097 U
PCB-160	pg/L		C158	C158	C158	C158	C158	C158	C158
PCB-161	pg/L		C132	C132	C132	C132	C132	C132	C132
PCB-162	pg/L		C128	C128	C128	C128	C128	C128	C128
PCB-163	pg/L		C138	C138	C138	C138	C138	C138	C138
PCB-164	pg/L		C138	C138	C138	C138	C138	C138	C138
PCB-165	pg/L		C146	C146	C146	C146	C146	C146	C146
PCB-166	pg/L		0.31 U L	1.9 U L	0.76 U L	1.9 U L	1.3 U L	0.42 U L	0.12 U
PCB-167	pg/L		0.85 L	8.5 L	2.2 L	6.1 L	3.9 L	1.8 L	0.1 U
PCB-168	pg/L		0.32 U L	2 U L	0.78 U L	1.9 U L	1.3 U L	0.43 U L	0.13 U
PCB-169	pg/L		0.22 U L	1.6 U L	0.57 U L	2.1 U L	1.3 U L	0.4 U L	0.073 U
PCB-170	pg/L		2.2 L	30 L	5 L	26 L	19 L	5.8 L	0.067 U
PCB-171	pg/L		1.1 L	13 L	2.5 L	10 L	8.7 L	2.5 L	0.076 U
PCB-172	pg/L		0.6 L	6.7 L	0.9 L	8.2 L	6.4 L	0.96 L	0.14
PCB-173	pg/L		0.16 U L	1.9 U L	0.37 U L	1.8 U L	1.6 U L	0.39 U L	0.083 U
PCB-174	pg/L		4.2 L	49 L	8.7 L	43 L	31 L	10 L	0.07 U
PCB-175	pg/L		0.15 U L	1.7 U L	0.33 U L	1.6 U L	1.3 U L	0.34 U L	0.072 U
PCB-176	pg/L		0.65 L	11 L	1.5 L	7.6 L	5.6 L	1.7 L	0.044 U
PCB-177	pg/L		2.5 L	29 L	5.8 L	24 L	20 L	5.9 L	0.08 U
PCB-178	pg/L		1.1 L	14 L	2.5 L	11 L	8.3 L	2.6 L	0.076 U
PCB-179	pg/L		2 L	32 L	4.4 L	21 L	18 L	5.5 L	0.044 U
PCB-180	pg/L		6.7 L	86 L	14 L	78 L	67 L	18 L	0.063 U
PCB-181	pg/L		0.15 U L	1.8 U L	0.33 U L	1.7 U L	1.4 U L	0.36 U L	0.075 U
PCB-182	pg/L		5.9 C L	64 C L	12 C L	54 C L	43 C L	14 C L	0.067 UC
PCB-183	pg/L		2.5 L	32 L	6.7 L	23 L	19 L	5.5 L	0.069 U
PCB-184	pg/L		PRC	PRC	PRC	PRC	PRC	PRC	PRC

Table 10
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		SampID	LDW-Y3-SU-ENR-CA-S010-BIO	LDW-Y3-SU-ENR-CB-S010-BIO	LDW-Y3-SU-ENR-CC-S010-BIO	LDW-Y3-SU-ENR+AC-CA-S010-BIO	LDW-Y3-SU-ENR+AC-CB-S010-BIO	LDW-Y3-SU-ENR+AC-CC-S010-BIO	LDW-Y3-LBS-WAT-S010-SPME
		SampDate	9/28/2020	9/28/2020	9/28/2020	9/28/2020	9/28/2020	9/28/2020	9/28/2020
		Plot	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal
		SubPlot	ENR	ENR	ENR	ENR+AC	ENR+AC	ENR+AC	Overlying Water
Polychlorinated Biphenyls (PCBs)									
PCB-185	pg/L		0.58 L	7.2 L	1.4 L	6.9 L	4.8 L	1.8 L	0.074 U
PCB-186	pg/L		0.093 U L	1.3 U L	0.22 U L	1.2 U L	1 U L	0.25 U L	0.045 U
PCB-187	pg/L		C182	C182	C182	C182	C182	C182	C182
PCB-188	pg/L		0.1 U L	1.5 U L	0.96 J L	1.3 U L	1.2 U L	0.6 J L	0.05 U
PCB-189	pg/L		0.074 U L	1.1 U L	0.2 U L	1.2 U L	1 U L	0.22 U L	0.038 U
PCB-190	pg/L		0.47 L	7.5 L	1.4 L	6.2 L	3.7 L	1.2 L	0.05 U
PCB-191	pg/L		0.1 U L	1.3 U L	0.23 U L	1.3 U L	1.1 U L	0.26 U L	0.049 U
PCB-192	pg/L		PRC	PRC	PRC	PRC	PRC	PRC	PRC
PCB-193	pg/L		0.39 L	5.6 L	1.2 L	5.3 L	4.1 L	0.85 J L	0.048 U
PCB-194	pg/L		0.41 L	9.5 L	1.1 L	7.2 L	7.6 L	1.6 L	0.034 U
PCB-195	pg/L		0.22 L	4.6 L	0.63 J L	3.3 L	3.9 L	0.81 L	0.042 U
PCB-196	pg/L		0.69 C L	14 C L	1.8 C L	11 C L	12 C L	2.6 C L	0.043 UC
PCB-197	pg/L		0.043 L	1.6 L	0.65 UB L	0.57 L	0.43 L	0.074 L	0.016
PCB-198	pg/L		0.071 U L	1.6 U L	0.28 U L	1.7 U L	1.5 U L	0.31 U L	0.049 U
PCB-199	pg/L		0.46 L	12 L	1.5 L	9.3 L	12 L	2.4 L	0.034 U
PCB-200	pg/L		0.043 U L	1.1 U L	0.18 U L	1.2 U L	1.1 U L	0.21 U L	0.026 U
PCB-201	pg/L		0.053 U L	1.2 U L	0.21 U L	1.2 U L	1.1 U L	0.22 U L	0.032 U
PCB-202	pg/L		0.048 U L	3.9 L	0.2 U L	1.3 U L	1.2 U L	0.23 U L	0.029 U
PCB-203	pg/L		C196	C196	C196	C196	C196	C196	C196
PCB-204	pg/L		PRC	PRC	PRC	PRC	PRC	PRC	PRC
PCB-205	pg/L		0.08 U L	1.6 U L	0.65 U L	1.1 U L	0.98 U L	0.21 U L	0.028 U
PCB-206	pg/L		0.068 J L	2.6 J L	0.16 U L	1.7 U L	2.8 J L	0.43 J L	0.011 U L
PCB-207	pg/L		0.0018 L	0.62 L	0.39 UB L	0.65 L	0.79 L	0.081 L	0.025 UB L
PCB-208	pg/L		0.043 J L	0.67 U L	0.096 U L	1.2 U L	0.95 U L	0.23 J L	0.0064 U L
PCB-209	pg/L		0.039 UB L	0.098 L	0.23 UB L	1.8 L	1.4 L	0.086 L	0.011 UB L

Abbreviations:

B = Background concentration exceeds detected concentration
C = Coelution with one or more PCB congeners; the numerical value indicates the lower congener co-eluter
ENR = Enhanced natural recovery
ENR+AC = Enhanced natural recovery amended with activated carbon
J = Analyte concentration is below calibration range
L = Percent to steady state less than 20%. Concentration is considered estimated
PCB = Polychlorinated biphenyl
pg/L = picogram(s) per liter
PRC = Performance recovery compound
U = Not detected at the estimated detection limit

Table 11
Laboratory Bioaccumulation Study Analytical Results for PCB Congeners in Sediment

	SampID	LDW-Y3-LBS-SU-ENR-A-CORE	LDW-Y3-LBS-SU-ENR-B-CORE	LDW-Y3-LBS-SU-ENR-C-CORE	LDW-Y3-LBS-SU-ENR+AC-A-CORE	LDW-Y3-LBS-SU-ENR+AC-B-CORE	LDW-Y3-LBS-SU-ENR+AC-C-CORE
	UseDate	1/22/2021	1/22/2021	1/22/2021	1/22/2021	1/22/2021	1/22/2021
	Plot	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal
	SubPlot	ENR	ENR	ENR	ENR+AC	ENR+AC	ENR+AC
Polychlorinated Biphenyls (PCBs)							
PCBs (Total, Congeners)	pg/g	9000	158800	12700	42300	8900	21700
PCB-001	pg/g	6.12	43.9	4.05	34.1	8.87	8.43
PCB-002	pg/g	0.805 J	7.74	0.817 J	2.53	0.871 J	2.14
PCB-003	pg/g	5.32	29.6	3.87	23.7	5.77	6.45
PCB-004	pg/g	13.2	507	29.7	81.5	19.6	37.8
PCB-005	pg/g	2.16	59.6	6.62	8.86	4.29	18.9
PCB-006	pg/g	11.6	671	28.1	75.8	20.9	86.9
PCB-007	pg/g	3.55	86.1	4.97	17.3	4.05	15.9
PCB-008	pg/g	44.6	1860	99.9	267	66.6	330
PCB-009	pg/g	2.65	97.5	5.26	14.9	3.96	16.2
PCB-010	pg/g	1.17 J	27.1	1.55 J	4.04	1.59 J	4.86
PCB-011	pg/g	3.66	41.5	4.98	7.99	4.16	13.5
PCB-012	pg/g	3.51	105	7.83	17.3	4.63	3.91
PCB-013	pg/g	2.43	85.9	4.49	9.53	3.46	3.97
PCB-014	pg/g	0.539 U	0.749 U	0.713 U	0.512 U	0.547 U	0.941 U
PCB-015	pg/g	25.5	862	65.4	122	36.1	85.6
PCB-016	pg/g	19.6	1020	54	183	39	84.3
PCB-017	pg/g	31.8	1700	78.2	256	55.7	60.5
PCB-018	pg/g	65.9	3750	171	579	111	79.6
PCB-019	pg/g	5.79	262	14.1	47.9	9.9	23.1
PCB-020	pg/g	65.4 C	3420 C	151 C	519 C	78.6 C	251 C
PCB-021	pg/g	C020	C020	C020	C020	C020	C020
PCB-022	pg/g	34.7	1940	85.6	274	45.1	89
PCB-023	pg/g	0.427 U	9.1	0.351 U	0.413 U	0.451 U	0.508 U
PCB-024	pg/g	3.78	143	8.08	26.6	6.56	11.8
PCB-025	pg/g	15.4	946	36.5	114	21.9	48.3
PCB-026	pg/g	23.9	1680	56.3	197	34.6	80.5
PCB-027	pg/g	2.62	129	7.73	21.9	5.06	11.7
PCB-028	pg/g	105	6170	270	842	125	414
PCB-029	pg/g	1.18 J	39.8	1.87 J	6.72	1.18 J	3.56
PCB-030	pg/g	0.552 U	0.495 U	0.627 U	0.55 U	0.874 U	0.653 U
PCB-031	pg/g	96.3	6180	207	935	128	336
PCB-032	pg/g	24.7	1190	57.1	176	38.5	90.7
PCB-033	pg/g	C020	C020	C020	C020	C020	C020

Table 11
Laboratory Bioaccumulation Study Analytical Results for PCB Congeners in Sediment

	SampID	LDW-Y3-LBS-SU-ENR-A-CORE	LDW-Y3-LBS-SU-ENR-B-CORE	LDW-Y3-LBS-SU-ENR-C-CORE	LDW-Y3-LBS-SU-ENR+AC-A-CORE	LDW-Y3-LBS-SU-ENR+AC-B-CORE	LDW-Y3-LBS-SU-ENR+AC-C-CORE
	UseDate	1/22/2021	1/22/2021	1/22/2021	1/22/2021	1/22/2021	1/22/2021
	Plot	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal
	SubPlot	ENR	ENR	ENR	ENR+AC	ENR+AC	ENR+AC
Polychlorinated Biphenyls (PCBs)							
PCBs (Total, Congeners)	pg/g	9000	158800	12700	42300	8900	21700
PCB-034	pg/g	1.19 J	79.6	1.89 J	11	1.33 J	4.08
PCB-035	pg/g	2.33	85.6	5.03	0.495 U	0.54 U	0.569 U
PCB-036	pg/g	0.495 U	0.667 U	0.407 U	0.479 U	0.523 U	0.539 U
PCB-037	pg/g	31.1	1230	84.3	164	44.6	125
PCB-038	pg/g	1.44 J	31	1.83 J	6.43	2.34	2.18
PCB-039	pg/g	0.497 U	11	0.408 U	0.48 U	0.524 U	0.531 U
PCB-040	pg/g	14.5	489	44.7	92.1	17.8	66.6
PCB-041	pg/g	85.8 C	2690 C	208 C	491 C	98 C	370 C
PCB-042	pg/g	39 C	1300 C	90.3 C	222 C	43.5 C	172 C
PCB-043	pg/g	157 C	4660 C	253 C	829 C	170 C	515 C
PCB-044	pg/g	129	3840	264	687	144	509
PCB-045	pg/g	15.7	685	37.5	124	16.9	68.6
PCB-046	pg/g	6.56	264	15.3	49.3	6.64	27.5
PCB-047	pg/g	50	1440	90.4	275	53.4	211
PCB-048	pg/g	25.7 C	952 C	51.7 C	151 C	25.8 C	81.6 C
PCB-049	pg/g	C043	C043	C043	C043	C043	C043
PCB-050	pg/g	0.612 U	21.4	1.38 J	3.46	0.676 U	2.39
PCB-051	pg/g	5.59	212	13.1	39.8	6.33	16.5
PCB-052	pg/g	227 C	5840 C	357 C	1160 C	221 C	820 C
PCB-053	pg/g	18.6	637	38	137	19.5	73
PCB-054	pg/g	0.475 U	10.6	0.93 J	2.32	0.524 U	1.49 J
PCB-055	pg/g	3.34	85.1	9.29	21.5	5.08	11.1
PCB-056	pg/g	80.4 C	2800 C	195 C	556 C	94.8 C	274 C
PCB-057	pg/g	1.17 J	32.6	2.3	4.97	1.87 J	4.3
PCB-058	pg/g	1.29 J	29.3	1.18 J	4.63	0.945 J	6.21
PCB-059	pg/g	C042	C042	C042	C042	C042	C042
PCB-060	pg/g	C056	C056	C056	C056	C056	C056
PCB-061	pg/g	208 C	6330 C	376 C	1260 C	223 C	180 C
PCB-062	pg/g	0.514 U	0.576 U	0.493 U	0.773 U	0.567 U	0.654 U
PCB-063	pg/g	6.63	235	12.3	43.4	7.37	18.5
PCB-064	pg/g	C041	C041	C041	C041	C041	C041
PCB-065	pg/g	0.51 U	0.571 U	0.488 U	0.766 U	0.562 U	0.612 U

Table 11
Laboratory Bioaccumulation Study Analytical Results for PCB Congeners in Sediment

	SampID	LDW-Y3-LBS-SU-ENR-A-CORE	LDW-Y3-LBS-SU-ENR-B-CORE	LDW-Y3-LBS-SU-ENR-C-CORE	LDW-Y3-LBS-SU-ENR+AC-A-CORE	LDW-Y3-LBS-SU-ENR+AC-B-CORE	LDW-Y3-LBS-SU-ENR+AC-C-CORE
	UseDate	1/22/2021	1/22/2021	1/22/2021	1/22/2021	1/22/2021	1/22/2021
	Plot	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal
	SubPlot	ENR	ENR	ENR	ENR+AC	ENR+AC	ENR+AC
Polychlorinated Biphenyls (PCBs)							
PCBs (Total, Congeners)	pg/g	9000	158800	12700	42300	8900	21700
PCB-066	pg/g	151 C	5060 C	292 C	966 C	162 C	110 C
PCB-067	pg/g	5.88	184	10.3	32.1	7.43	26.4
PCB-068	pg/g	1.95	31.7	2.97	5.75	1.81 J	2.88
PCB-069	pg/g	C052	C052	C052	C052	C052	C052
PCB-070	pg/g	C061	C061	C061	C061	C061	C061
PCB-071	pg/g	C041	C041	C041	C041	C041	C041
PCB-072	pg/g	C041	C041	C041	C041	C041	C041
PCB-073	pg/g	1.97	61.7	3.7	10.3	2.66	4.86
PCB-074	pg/g	72.7	2710	147	498	78.5	106
PCB-075	pg/g	C048	C048	C048	C048	C048	C048
PCB-076	pg/g	C066	C066	C066	C066	C066	C066
PCB-077	pg/g	13.4	422	33.1	88.2	16.7	53.2
PCB-078	pg/g	0.451 U	20.2	0.478 U	0.393 U	0.623 U	0.93 U
PCB-079	pg/g	5.44	66.4	6.44	21.9	4.9	8.34
PCB-080	pg/g	0.409 U	0.459 U	0.392 U	0.615 U	0.452 U	0.534 U
PCB-081	pg/g	5.63	90.7	10.5	26.8	6.07	13.7
PCB-082	pg/g	41.6	735	71.2	220	41.8	112
PCB-083	pg/g	20.3 C	330 C	27.4 C	89.8 C	19.3 C	49.2 C
PCB-084	pg/g	189 C	3030 C	251 C	861 C	178 C	432 C
PCB-085	pg/g	55.9 C	934 C	87.3 C	282 C	58.3 C	144 C
PCB-086	pg/g	0.551 U	0.695 U	0.716 U	0.682 U	0.722 U	0.712 U
PCB-087	pg/g	130 C	2160 C	216 C	676 C	133 C	372 C
PCB-088	pg/g	56.6 C	1090 C	76.3 C	320 C	53.8 C	136 C
PCB-089	pg/g	3.78	86.5	8.53	23.8	4.05	9.76
PCB-090	pg/g	451 C	6990 C	614 C	2150 C	419 C	862 C
PCB-091	pg/g	C088	C088	C088	C088	C088	C088
PCB-092	pg/g	C084	C084	C084	C084	C084	C084
PCB-093	pg/g	0.503 U	1 U	0.666 U	0.694 U	0.593 U	0.581 U
PCB-094	pg/g	2.42	43.2	3.04	12.5	2.36	3.81
PCB-095	pg/g	377	6730	482	2220	356	168
PCB-096	pg/g	0.335 U	40.4	4.17	10.6	2.14	6.17
PCB-097	pg/g	127	2240	194	641	128	336

Table 11
Laboratory Bioaccumulation Study Analytical Results for PCB Congeners in Sediment

	SampID	LDW-Y3-LBS-SU-ENR-A-CORE	LDW-Y3-LBS-SU-ENR-B-CORE	LDW-Y3-LBS-SU-ENR-C-CORE	LDW-Y3-LBS-SU-ENR+AC-A-CORE	LDW-Y3-LBS-SU-ENR+AC-B-CORE	LDW-Y3-LBS-SU-ENR+AC-C-CORE
	UseDate	1/22/2021	1/22/2021	1/22/2021	1/22/2021	1/22/2021	1/22/2021
	Plot	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal
	SubPlot	ENR	ENR	ENR	ENR+AC	ENR+AC	ENR+AC
Polychlorinated Biphenyls (PCBs)							
PCBs (Total, Congeners)	pg/g	9000	158800	12700	42300	8900	21700
PCB-098	pg/g	0.43 UC	0.855 UC	0.57 UC	0.593 UC	0.507 UC	0.601 UC
PCB-099	pg/g	210	3180	260	893	199	412
PCB-100	pg/g	2.56	38	3.25	11.9	3.21	5.88
PCB-101	pg/g	C090	C090	C090	C090	C090	C090
PCB-102	pg/g	U,C098	U,C098	U,C098	U,C098	U,C098	U,C098
PCB-103	pg/g	8.21	85.3	6.64	27.9	9.67	15.3
PCB-104	pg/g	0.326 U	0.648 U	0.432 U	0.45 U	0.384 U	0.416 U
PCB-105	pg/g	112	1910	204	595	121	334
PCB-106	pg/g	330 C	5520 C	502 C	1590 C	320 C	882 C
PCB-107	pg/g	28.3 C	429 C	37.1 C	121 C	26.3 C	72.1 C
PCB-108	pg/g	C107	C107	C107	C107	C107	C107
PCB-109	pg/g	0.428 U	0.541 U	0.557 U	0.531 U	0.562 U	0.5 U
PCB-110	pg/g	398	6510	566	1940	370	1040
PCB-111	pg/g	5.08 C	109 C	11.3 C	32.5 C	5.28 C	19.1 C
PCB-112	pg/g	C083	C083	C083	C083	C083	C083
PCB-113	pg/g	0.46 U	0.58 U	0.598 U	0.57 U	0.602 U	0.568 U
PCB-114	pg/g	9.04	125	13	34.2	8.41	20.1
PCB-115	pg/g	C111	C111	C111	C111	C111	C111
PCB-116	pg/g	C085	C085	C085	C085	C085	C085
PCB-117	pg/g	C087	C087	C087	C087	C087	C087
PCB-118	pg/g	C106	C106	C106	C106	C106	C106
PCB-119	pg/g	17.8	207	14.1	55.8	15.6	27.3
PCB-120	pg/g	0.404 U	0.511 U	0.526 U	6.97	0.53 U	0.459 U
PCB-121	pg/g	0.35 U	0.697 U	0.465 U	0.484 U	0.413 U	0.448 U
PCB-122	pg/g	3.59	53.6	5.81	18.7	4.51	11.6
PCB-123	pg/g	6.14	98	10.9	22.3	5.22	15.8
PCB-124	pg/g	13.3	212	24.3	71.5	15.4	37.1
PCB-125	pg/g	C087	C087	C087	C087	C087	C087
PCB-126	pg/g	1.64 J	24.4	2.66	8.24	1.96 J	4.13
PCB-127	pg/g	0.444 U	0.487 U	0.694 U	0.485 U	0.426 U	0.883 U
PCB-128	pg/g	70.7 C	916 C	114 C	303 C	72.2 C	229 C
PCB-129	pg/g	19.7	278	38.7	90.3	19.9	65.5
PCB-130	pg/g	34.3	376	47.1	116	38.5	97.9

Table 11
Laboratory Bioaccumulation Study Analytical Results for PCB Congeners in Sediment

	SampID	LDW-Y3-LBS-SU-ENR-A-CORE	LDW-Y3-LBS-SU-ENR-B-CORE	LDW-Y3-LBS-SU-ENR-C-CORE	LDW-Y3-LBS-SU-ENR+AC-A-CORE	LDW-Y3-LBS-SU-ENR+AC-B-CORE	LDW-Y3-LBS-SU-ENR+AC-C-CORE
	UseDate	1/22/2021	1/22/2021	1/22/2021	1/22/2021	1/22/2021	1/22/2021
	Plot	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal
	SubPlot	ENR	ENR	ENR	ENR+AC	ENR+AC	ENR+AC
Polychlorinated Biphenyls (PCBs)							
PCBs (Total, Congeners)	pg/g	9000	158800	12700	42300	8900	21700
PCB-131	pg/g	18.3 C	198 C	23.1 C	67.7 C	20 C	53.4 C
PCB-132	pg/g	136 C	1860 C	197 C	559 C	120 C	407 C
PCB-133	pg/g	C131	C131	C131	C131	C131	C131
PCB-134	pg/g	27.3 C	355 C	39.4 C	116 C	26.7 C	89.5 C
PCB-135	pg/g	66.9	682	72.9	258	65.6	198
PCB-136	pg/g	70.2	772	83.5	313	70	161
PCB-137	pg/g	22.4	309	38.9	110	16.2	75.7
PCB-138	pg/g	491 C	5860 C	695 C	2100 C	446 C	1500 C
PCB-139	pg/g	422 C	4450 C	488 C	1640 C	380 C	1090 C
PCB-140	pg/g	6.13	45.7	5.76	16.4	7.37	10
PCB-141	pg/g	81.8	975	126	379	78.8	264
PCB-142	pg/g	0.643 U	0.706 U	0.772 U	0.693 U	0.738 U	0.861 U
PCB-143	pg/g	C134	C134	C134	C134	C134	C134
PCB-144	pg/g	25	267	31.5	98	20.4	63.1
PCB-145	pg/g	0.327 U	2.79	0.485 U	1.15 J	0.392 U	0.362 U
PCB-146	pg/g	96.2 C	829 C	89.5 C	301 C	96.2 C	222 C
PCB-147	pg/g	9.85	120	14.4	37.7	8.87	30.4
PCB-148	pg/g	0.454 U	0.729 U	0.672 U	0.663 U	0.544 U	0.481 U
PCB-149	pg/g	C139	C139	C139	C139	C139	C139
PCB-150	pg/g	1.55 J	12.2	1.61 J	5.3	1.62 J	2.9
PCB-151	pg/g	127	1180	118	478	115	337
PCB-152	pg/g	0.329 U	6.15	1.06 J	2.41	0.394 U	1.42 J
PCB-153	pg/g	519	4980	589	1960	471	1360
PCB-154	pg/g	15	96.1	10.4	37.9	17.6	20.9
PCB-155	pg/g	0.319 U	0.512 U	0.473 U	0.466 U	0.382 U	0.342 U
PCB-156	pg/g	46	608	83.2	202	47.5	121
PCB-157	pg/g	9.18	135	18.5	43.2	10.3	25.9
PCB-158	pg/g	52.6 C	653 C	87.6 C	221 C	49.6 C	158 C
PCB-159	pg/g	6.89	44.6	5.22	20.2	5.86	12.4
PCB-160	pg/g	C158	C158	C158	C158	C158	C158
PCB-161	pg/g	C132	C132	C132	C132	C132	C132
PCB-162	pg/g	C128	C128	C128	C128	C128	C128
PCB-163	pg/g	C138	C138	C138	C138	C138	C138
PCB-164	pg/g	C138	C138	C138	C138	C138	C138

Table 11
Laboratory Bioaccumulation Study Analytical Results for PCB Congeners in Sediment

	SampID	LDW-Y3-LBS-SU-ENR-A-CORE	LDW-Y3-LBS-SU-ENR-B-CORE	LDW-Y3-LBS-SU-ENR-C-CORE	LDW-Y3-LBS-SU-ENR+AC-A-CORE	LDW-Y3-LBS-SU-ENR+AC-B-CORE	LDW-Y3-LBS-SU-ENR+AC-C-CORE
	UseDate	1/22/2021	1/22/2021	1/22/2021	1/22/2021	1/22/2021	1/22/2021
	Plot	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal
	SubPlot	ENR	ENR	ENR	ENR+AC	ENR+AC	ENR+AC
Polychlorinated Biphenyls (PCBs)							
PCBs (Total, Congeners)	pg/g	9000	158800	12700	42300	8900	21700
PCB-165	pg/g	C146	C146	C146	C146	C146	C146
PCB-166	pg/g	1.53 J	23	2.88	6.66	1.63 J	4.86
PCB-167	pg/g	17.3	234	33.4	77.7	17.7	35
PCB-168	pg/g	0.444 U	0.487 U	0.533 U	0.478 U	0.51 U	3.31
PCB-169	pg/g	0.502 U	0.573 U	0.591 U	0.551 U	0.595 U	0.448 U
PCB-170	pg/g	153	1280	169	597	152	310
PCB-171	pg/g	46.8	394	50.4	183	41.4	91.2
PCB-172	pg/g	28.1	223	29.1	108	29	56.9
PCB-173	pg/g	3.72	34.1	4.45	12.2	2.64	7.47
PCB-174	pg/g	160	1310	159	626	164	278
PCB-175	pg/g	7.57	59.2	6.74	32	7.61	15.5
PCB-176	pg/g	24.5	188	23.5	88.6	23.8	46.5
PCB-177	pg/g	107	818	102	388	109	99.6
PCB-178	pg/g	37.7	284	33.9	133	38.6	65.7
PCB-179	pg/g	74.8	576	70.9	269	73.9	134
PCB-180	pg/g	392	3040	382	1550	344	724
PCB-181	pg/g	0.704 U	0.898 U	0.8 U	0.657 U	0.662 U	0.732 U
PCB-182	pg/g	227 C	1630 C	193 C	784 C	213 C	388 C
PCB-183	pg/g	106	780	103	383	101	192
PCB-184	pg/g	0.487 U	1.76 J	0.554 U	0.455 U	0.458 U	0.532 U
PCB-185	pg/g	17.9	143	20.2	73	16.6	37.2
PCB-186	pg/g	0.519 U	0.662 U	0.591 U	0.485 U	0.489 U	0.536 U
PCB-187	pg/g	C182	C182	C182	C182	C182	C182
PCB-188	pg/g	0.555 U	4.05	0.651 U	1.74 J	0.499 U	0.598 U
PCB-189	pg/g	5.97	50.2	7.22	23.6	6.17	12.1
PCB-190	pg/g	35	272	38.1	129	33	64.1
PCB-191	pg/g	7.76	57.5	8.39	27	7.65	13.9
PCB-192	pg/g	0.577 U	0.736 U	0.656 U	0.539 U	0.543 U	0.591 U
PCB-193	pg/g	22.6	143	20.8	76.7	22.8	37.1
PCB-194	pg/g	92.8	477	77	262	85.7	169
PCB-195	pg/g	38.5	243	31.9	127	38.5	69.8
PCB-196	pg/g	123 C	662 C	96.2 C	335 C	105 C	211 C

Table 11
Laboratory Bioaccumulation Study Analytical Results for PCB Congeners in Sediment

	SampID	LDW-Y3-LBS-SU-ENR-A-CORE	LDW-Y3-LBS-SU-ENR-B-CORE	LDW-Y3-LBS-SU-ENR-C-CORE	LDW-Y3-LBS-SU-ENR+AC-A-CORE	LDW-Y3-LBS-SU-ENR+AC-B-CORE	LDW-Y3-LBS-SU-ENR+AC-C-CORE
	UseDate	1/22/2021	1/22/2021	1/22/2021	1/22/2021	1/22/2021	1/22/2021
	Plot	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal	Subtidal
	SubPlot	ENR	ENR	ENR	ENR+AC	ENR+AC	ENR+AC
Polychlorinated Biphenyls (PCBs)							
PCBs (Total, Congeners)	pg/g	9000	158800	12700	42300	8900	21700
PCB-197	pg/g	4.85	25.2	3.81	13.7	4.15	7.64
PCB-198	pg/g	4.88	26.1	5.6	18.1	3.35	11.6
PCB-199	pg/g	108	571	89	309	93.4	173
PCB-200	pg/g	12.7	74.8	11.2	39.2	10.9	25.3
PCB-201	pg/g	15.3	84.5	12.2	45.1	13.8	26.4
PCB-202	pg/g	21.6	116	18.5	65.1	19.9	37.2
PCB-203	pg/g	C196	C196	C196	C196	C196	C196
PCB-204	pg/g	0.509 U	0.681 U	0.706 U	0.626 U	0.797 U	0.579 U
PCB-205	pg/g	5.53	29.6	4.77	16.8	5.55	10.2
PCB-206	pg/g	49	182	40.8	128	44.4	64.9
PCB-207	pg/g	6.39	24.9	5.47	16.3	6.01	8.99
PCB-208	pg/g	13	41.6	10.3	31.4	11.4	16.2
PCB-209	pg/g	27.9	67.2	14.8	60.1	23	25.3

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(s) per gram
U = Not detected at the estimated detection limit

Table 12
Benthic Macroinvertebrate Survey Taxonomy Data

SAMPLE_ID	DATE_COL	SAMPTYPE	TAXON_NAME	ABUNDANCE	CLASS
Field Descriptor #2	Sample Collection Date	Benthic Sample Type	Unique Taxon Name	Number of Individuals	Taxonomic Class
LDW-Y3_SU-ENR-MI-A-MACRO	9/28/2020	Estuary	Parvilucina tenuisculpta	2	Bivalvia
LDW-Y3_SU-ENR-MI-A-MACRO	9/28/2020	Estuary	Macoma calcarea	4	Bivalvia
LDW-Y3_SU-ENR-MI-A-MACRO	9/28/2020	Estuary	Axinopsida serricata	8	Bivalvia
LDW-Y3_SU-ENR-MI-A-MACRO	9/28/2020	Estuary	Nutricola lordi	2	Bivalvia
LDW-Y3_SU-ENR-MI-A-MACRO	9/28/2020	Estuary	Protomedeia sp.	1	Malacostraca
LDW-Y3_SU-ENR-MI-A-MACRO	9/28/2020	Estuary	Eudorella pacifica	1	Malacostraca
LDW-Y3_SU-ENR-MI-A-MACRO	9/28/2020	Estuary	Leucon subnasica	2	Malacostraca
LDW-Y3_SU-ENR-MI-A-MACRO	9/28/2020	Estuary	Barantolla americana	1	Polychaeta
LDW-Y3_SU-ENR-MI-A-MACRO	9/28/2020	Estuary	Heteromastus filobranchus	1	Polychaeta
LDW-Y3_SU-ENR-MI-A-MACRO	9/28/2020	Estuary	Cossura sp. A sensu Phillips 1987	6	Polychaeta
LDW-Y3_SU-ENR-MI-A-MACRO	9/28/2020	Estuary	Armandia brevis	4	Polychaeta
LDW-Y3_SU-ENR-MI-A-MACRO	9/28/2020	Estuary	Lumbrineridae	6	Polychaeta
LDW-Y3_SU-ENR-MI-A-MACRO	9/28/2020	Estuary	Scoletoma luti	8	Polychaeta
LDW-Y3_SU-ENR-MI-A-MACRO	9/28/2020	Estuary	Cirratulidae	4	Polychaeta
LDW-Y3_SU-ENR-MI-A-MACRO	9/28/2020	Estuary	Pectinaria californiensis	1	Polychaeta
LDW-Y3_SU-ENR-MI-A-MACRO	9/28/2020	Estuary	Euchone limnicola	2	Polychaeta
LDW-Y3_SU-ENR-MI-A-MACRO	9/28/2020	Estuary	Dipolydora caulleryi	2	Polychaeta
LDW-Y3_SU-ENR-MI-A-MACRO	9/28/2020	Estuary	Terebellides californica	1	Polychaeta
LDW-Y3_SU-ENR-MI-B-MACRO	9/28/2020	Estuary	Parvilucina tenuisculpta	2	Bivalvia
LDW-Y3_SU-ENR-MI-B-MACRO	9/28/2020	Estuary	Macoma sp.	9	Bivalvia
LDW-Y3_SU-ENR-MI-B-MACRO	9/28/2020	Estuary	Axinopsida serricata	14	Bivalvia
LDW-Y3_SU-ENR-MI-B-MACRO	9/28/2020	Estuary	Nutricola lordi	6	Bivalvia
LDW-Y3_SU-ENR-MI-B-MACRO	9/28/2020	Estuary	Protomedeia sp.	1	Malacostraca
LDW-Y3_SU-ENR-MI-B-MACRO	9/28/2020	Estuary	Kamptopleustes coquillus	2	Malacostraca
LDW-Y3_SU-ENR-MI-B-MACRO	9/28/2020	Estuary	Barantolla americana	3	Polychaeta
LDW-Y3_SU-ENR-MI-B-MACRO	9/28/2020	Estuary	Cossura sp. A sensu Phillips 1987	2	Polychaeta
LDW-Y3_SU-ENR-MI-B-MACRO	9/28/2020	Estuary	Armandia brevis	3	Polychaeta
LDW-Y3_SU-ENR-MI-B-MACRO	9/28/2020	Estuary	Lumbrineridae	7	Polychaeta
LDW-Y3_SU-ENR-MI-B-MACRO	9/28/2020	Estuary	Scoletoma luti	7	Polychaeta
LDW-Y3_SU-ENR-MI-B-MACRO	9/28/2020	Estuary	Cirratulidae	6	Polychaeta
LDW-Y3_SU-ENR-MI-B-MACRO	9/28/2020	Estuary	Pectinaria californiensis	1	Polychaeta
LDW-Y3_SU-ENR-MI-B-MACRO	9/28/2020	Estuary	Euchone incolor	7	Polychaeta
LDW-Y3_SU-ENR-MI-B-MACRO	9/28/2020	Estuary	Euchone limnicola	5	Polychaeta
LDW-Y3_SU-ENR-MI-C-MACRO	9/28/2020	Estuary	Lyonsia californica	1	Bivalvia
LDW-Y3_SU-ENR-MI-C-MACRO	9/28/2020	Estuary	Parvilucina tenuisculpta	2	Bivalvia
LDW-Y3_SU-ENR-MI-C-MACRO	9/28/2020	Estuary	Macoma calcarea	4	Bivalvia
LDW-Y3_SU-ENR-MI-C-MACRO	9/28/2020	Estuary	Axinopsida serricata	3	Bivalvia
LDW-Y3_SU-ENR-MI-C-MACRO	9/28/2020	Estuary	Compsomyax subdiaphana	1	Bivalvia
LDW-Y3_SU-ENR-MI-C-MACRO	9/28/2020	Estuary	Nutricola lordi	7	Bivalvia
LDW-Y3_SU-ENR-MI-C-MACRO	9/28/2020	Estuary	Eochelidium sp.	1	Malacostraca
LDW-Y3_SU-ENR-MI-C-MACRO	9/28/2020	Estuary	Armandia brevis	10	Polychaeta
LDW-Y3_SU-ENR-MI-C-MACRO	9/28/2020	Estuary	Hesionidae	1	Polychaeta
LDW-Y3_SU-ENR-MI-C-MACRO	9/28/2020	Estuary	Lumbrineridae	5	Polychaeta
LDW-Y3_SU-ENR-MI-C-MACRO	9/28/2020	Estuary	Scoletoma luti	1	Polychaeta
LDW-Y3_SU-ENR-MI-C-MACRO	9/28/2020	Estuary	Cirratulidae	6	Polychaeta
LDW-Y3_SU-ENR-MI-C-MACRO	9/28/2020	Estuary	Euchone incolor	1	Polychaeta
LDW-Y3_SU-ENR-MI-C-MACRO	9/28/2020	Estuary	Euchone limnicola	5	Polychaeta
LDW-Y3_SU-ENR-MI-C-MACRO	9/28/2020	Estuary	Euchone sp.	4	Polychaeta
LDW-Y3_SU-ENR-MI-C-MACRO	9/28/2020	Estuary	Spiophanes bombyx Complex	1	Polychaeta
LDW-Y3_SU-ENR-MI-D-MACRO	9/28/2020	Estuary	Lyonsia californica	1	Bivalvia
LDW-Y3_SU-ENR-MI-D-MACRO	9/28/2020	Estuary	Macoma sp.	1	Bivalvia
LDW-Y3_SU-ENR-MI-D-MACRO	9/28/2020	Estuary	Axinopsida serricata	1	Bivalvia
LDW-Y3_SU-ENR-MI-D-MACRO	9/28/2020	Estuary	Nutricola lordi	1	Bivalvia
LDW-Y3_SU-ENR-MI-D-MACRO	9/28/2020	Estuary	Eochelidium sp.	1	Malacostraca
LDW-Y3_SU-ENR-MI-D-MACRO	9/28/2020	Estuary	Balanus crenatus	1	Maxillopoda
LDW-Y3_SU-ENR-MI-D-MACRO	9/28/2020	Estuary	Armandia brevis	2	Polychaeta
LDW-Y3_SU-ENR-MI-D-MACRO	9/28/2020	Estuary	Glycinde picta	1	Polychaeta
LDW-Y3_SU-ENR-MI-D-MACRO	9/28/2020	Estuary	Scoletoma luti	1	Polychaeta
LDW-Y3_SU-ENR-MI-D-MACRO	9/28/2020	Estuary	Euchone limnicola	3	Polychaeta
LDW-Y3_SU-ENR-MI-D-MACRO	9/28/2020	Estuary	Euchone sp.	1	Polychaeta

Table 12
Benthic Macroinvertebrate Survey Taxonomy Data

SAMPLE_ID	DATE_COL	SAMPTYPE	TAXON_NAME	ABUNDANCE	CLASS
Field Descriptor #2	Sample Collection Date	Benthic Sample Type	Unique Taxon Name	Number of Individuals	Taxonomic Class
LDW-Y3_SU-ENR-MI-D-MACRO	9/28/2020	Estuary	Proclea graffi	1	Polychaeta
LDW-Y3_SU-ENR-MI-E-MACRO	9/28/2020	Estuary	Nutricola lordi	1	Bivalvia
LDW-Y3_SU-ENR-MI-E-MACRO	9/28/2020	Estuary	Armandia brevis	1	Polychaeta
LDW-Y3_SU-ENR-MI-E-MACRO	9/28/2020	Estuary	Scoletoma luti	3	Polychaeta
LDW-Y3_SU-ENR-MI-E-MACRO	9/28/2020	Estuary	Cirratulidae	2	Polychaeta
LDW-Y3_SU-ENR-MI-E-MACRO	9/28/2020	Estuary	Euchone incolor	2	Polychaeta
LDW-Y3_SU-ENR-MI-E-MACRO	9/28/2020	Estuary	Euchone limnicola	4	Polychaeta
LDW-Y3_SU-ENR-MI-E-MACRO	9/28/2020	Estuary	Euchone sp.	2	Polychaeta
LDW-Y3_SU-ENR-MI-E-MACRO	9/28/2020	Estuary	Dipolydora caulleryi	1	Polychaeta
LDW-Y3_SU-ENR+AC-MI-A-MACRO	9/28/2020	Estuary	Lyonsia californica	2	Bivalvia
LDW-Y3_SU-ENR+AC-MI-A-MACRO	9/28/2020	Estuary	Parvilucina tenuisculpta	2	Bivalvia
LDW-Y3_SU-ENR+AC-MI-A-MACRO	9/28/2020	Estuary	Macoma calcarea	77	Bivalvia
LDW-Y3_SU-ENR+AC-MI-A-MACRO	9/28/2020	Estuary	Axinopsida serricata	19	Bivalvia
LDW-Y3_SU-ENR+AC-MI-A-MACRO	9/28/2020	Estuary	Nutricola lordi	115	Bivalvia
LDW-Y3_SU-ENR+AC-MI-A-MACRO	9/28/2020	Estuary	Evalea tenuisculpta	1	Gastropoda
LDW-Y3_SU-ENR+AC-MI-A-MACRO	9/28/2020	Estuary	Americorophium spinicorne	1	Malacostraca
LDW-Y3_SU-ENR+AC-MI-A-MACRO	9/28/2020	Estuary	Eochelidium sp.	2	Malacostraca
LDW-Y3_SU-ENR+AC-MI-A-MACRO	9/28/2020	Estuary	Euphilomedes carcharodonta	1	Ostracoda
LDW-Y3_SU-ENR+AC-MI-A-MACRO	9/28/2020	Estuary	Barantolla americana	1	Polychaeta
LDW-Y3_SU-ENR+AC-MI-A-MACRO	9/28/2020	Estuary	Cossura sp. A sensu Phillips 1987	13	Polychaeta
LDW-Y3_SU-ENR+AC-MI-A-MACRO	9/28/2020	Estuary	Armandia brevis	12	Polychaeta
LDW-Y3_SU-ENR+AC-MI-A-MACRO	9/28/2020	Estuary	Scoletoma luti	10	Polychaeta
LDW-Y3_SU-ENR+AC-MI-A-MACRO	9/28/2020	Estuary	Bipalponephtys cornuta	1	Polychaeta
LDW-Y3_SU-ENR+AC-MI-A-MACRO	9/28/2020	Estuary	Nephtys ferruginea	1	Polychaeta
LDW-Y3_SU-ENR+AC-MI-A-MACRO	9/28/2020	Estuary	Sphaerosyllis ranunculus	1	Polychaeta
LDW-Y3_SU-ENR+AC-MI-A-MACRO	9/28/2020	Estuary	Aphelochaeta glandaria Complex	10	Polychaeta
LDW-Y3_SU-ENR+AC-MI-A-MACRO	9/28/2020	Estuary	Pectinaria californiensis	1	Polychaeta
LDW-Y3_SU-ENR+AC-MI-A-MACRO	9/28/2020	Estuary	Euchone incolor	6	Polychaeta
LDW-Y3_SU-ENR+AC-MI-A-MACRO	9/28/2020	Estuary	Euchone limnicola	8	Polychaeta
LDW-Y3_SU-ENR+AC-MI-A-MACRO	9/28/2020	Estuary	Euchone sp.	4	Polychaeta
LDW-Y3_SU-ENR+AC-MI-A-MACRO	9/28/2020	Estuary	Dipolydora caulleryi	1	Polychaeta
LDW-Y3_SU-ENR+AC-MI-A-MACRO	9/28/2020	Estuary	Prionospio sp.	1	Polychaeta
LDW-Y3_SU-ENR+AC-MI-A-MACRO	9/28/2020	Estuary	Spiophanes berkeleyorum	1	Polychaeta
LDW-Y3_SU-ENR+AC-MI-A-MACRO	9/28/2020	Estuary	Proclea graffi	3	Polychaeta
LDW-Y3_SU-ENR+AC-MI-B-MACRO	9/28/2020	Estuary	Pennatulacea	1	Anthozoa
LDW-Y3_SU-ENR+AC-MI-B-MACRO	9/28/2020	Estuary	Lyonsia californica	2	Bivalvia
LDW-Y3_SU-ENR+AC-MI-B-MACRO	9/28/2020	Estuary	Parvilucina tenuisculpta	4	Bivalvia
LDW-Y3_SU-ENR+AC-MI-B-MACRO	9/28/2020	Estuary	Macoma calcarea	84	Bivalvia
LDW-Y3_SU-ENR+AC-MI-B-MACRO	9/28/2020	Estuary	Axinopsida serricata	18	Bivalvia
LDW-Y3_SU-ENR+AC-MI-B-MACRO	9/28/2020	Estuary	Compsomyax subdiaphana	1	Bivalvia
LDW-Y3_SU-ENR+AC-MI-B-MACRO	9/28/2020	Estuary	Nutricola lordi	26	Bivalvia
LDW-Y3_SU-ENR+AC-MI-B-MACRO	9/28/2020	Estuary	Protomedeia prudens	2	Malacostraca
LDW-Y3_SU-ENR+AC-MI-B-MACRO	9/28/2020	Estuary	Euphilomedes carcharodonta	2	Ostracoda
LDW-Y3_SU-ENR+AC-MI-B-MACRO	9/28/2020	Estuary	Heteromastus filobranchus	1	Polychaeta
LDW-Y3_SU-ENR+AC-MI-B-MACRO	9/28/2020	Estuary	Heteromastus sp.	1	Polychaeta
LDW-Y3_SU-ENR+AC-MI-B-MACRO	9/28/2020	Estuary	Cossura sp. A sensu Phillips 1987	3	Polychaeta
LDW-Y3_SU-ENR+AC-MI-B-MACRO	9/28/2020	Estuary	Praxillella gracilis	1	Polychaeta
LDW-Y3_SU-ENR+AC-MI-B-MACRO	9/28/2020	Estuary	Armandia brevis	32	Polychaeta
LDW-Y3_SU-ENR+AC-MI-B-MACRO	9/28/2020	Estuary	Glycinde picta	2	Polychaeta
LDW-Y3_SU-ENR+AC-MI-B-MACRO	9/28/2020	Estuary	Lumbrineridae	5	Polychaeta
LDW-Y3_SU-ENR+AC-MI-B-MACRO	9/28/2020	Estuary	Scoletoma luti	9	Polychaeta
LDW-Y3_SU-ENR+AC-MI-B-MACRO	9/28/2020	Estuary	Eteone longa	1	Polychaeta
LDW-Y3_SU-ENR+AC-MI-B-MACRO	9/28/2020	Estuary	Sphaerodoropsis minutum	1	Polychaeta
LDW-Y3_SU-ENR+AC-MI-B-MACRO	9/28/2020	Estuary	Ampharete finmarchica	1	Polychaeta
LDW-Y3_SU-ENR+AC-MI-B-MACRO	9/28/2020	Estuary	Cirratulidae	10	Polychaeta
LDW-Y3_SU-ENR+AC-MI-B-MACRO	9/28/2020	Estuary	Aphelochaeta glandaria Complex	35	Polychaeta
LDW-Y3_SU-ENR+AC-MI-B-MACRO	9/28/2020	Estuary	Pectinaria californiensis	2	Polychaeta
LDW-Y3_SU-ENR+AC-MI-B-MACRO	9/28/2020	Estuary	Euchone incolor	3	Polychaeta
LDW-Y3_SU-ENR+AC-MI-B-MACRO	9/28/2020	Estuary	Euchone limnicola	15	Polychaeta
LDW-Y3_SU-ENR+AC-MI-B-MACRO	9/28/2020	Estuary	Euchone sp.	4	Polychaeta

Table 12
Benthic Macroinvertebrate Survey Taxonomy Data

SAMPLE_ID	DATE_COL	SAMPTYPE	TAXON_NAME	ABUNDANCE	CLASS
Field Descriptor #2	Sample Collection Date	Benthic Sample Type	Unique Taxon Name	Number of Individuals	Taxonomic Class
LDW-Y3_SU-ENR+AC-MI-B-MACRO	9/28/2020	Estuary	Dipolydora caulleryi	2	Polychaeta
LDW-Y3_SU-ENR+AC-MI-B-MACRO	9/28/2020	Estuary	Prionospio sp.	5	Polychaeta
LDW-Y3_SU-ENR+AC-MI-B-MACRO	9/28/2020	Estuary	Spiophanes berkeleyorum	1	Polychaeta
LDW-Y3_SU-ENR+AC-MI-B-MACRO	9/28/2020	Estuary	Proclea graffi	1	Polychaeta
LDW-Y3_SU-ENR+AC-MI-B-MACRO	9/28/2020	Estuary	Terebellides californica	2	Polychaeta
LDW-Y3_SU-ENR+AC-MI-B-MACRO	9/28/2020	Estuary	Priapulus caudatus	1	Priapulida
LDW-Y3_SU-ENR+AC-MI-C-MACRO	9/28/2020	Estuary	Parvilucina tenuisculpta	1	Bivalvia
LDW-Y3_SU-ENR+AC-MI-C-MACRO	9/28/2020	Estuary	Kurtiella tumida	1	Bivalvia
LDW-Y3_SU-ENR+AC-MI-C-MACRO	9/28/2020	Estuary	Macoma calcarea	45	Bivalvia
LDW-Y3_SU-ENR+AC-MI-C-MACRO	9/28/2020	Estuary	Axinopsida serricata	61	Bivalvia
LDW-Y3_SU-ENR+AC-MI-C-MACRO	9/28/2020	Estuary	Nutricola lordi	25	Bivalvia
LDW-Y3_SU-ENR+AC-MI-C-MACRO	9/28/2020	Estuary	Melanochlamys diomedea	1	Gastropoda
LDW-Y3_SU-ENR+AC-MI-C-MACRO	9/28/2020	Estuary	Eochelidium sp.	1	Malacostraca
LDW-Y3_SU-ENR+AC-MI-C-MACRO	9/28/2020	Estuary	Balanidae	1	Maxillopoda
LDW-Y3_SU-ENR+AC-MI-C-MACRO	9/28/2020	Estuary	Euphilomedes carcharodonta	1	Ostracoda
LDW-Y3_SU-ENR+AC-MI-C-MACRO	9/28/2020	Estuary	Heteromastus filobranchus	1	Polychaeta
LDW-Y3_SU-ENR+AC-MI-C-MACRO	9/28/2020	Estuary	Heteromastus sp.	2	Polychaeta
LDW-Y3_SU-ENR+AC-MI-C-MACRO	9/28/2020	Estuary	Cossura sp. A sensu Phillips 1987	9	Polychaeta
LDW-Y3_SU-ENR+AC-MI-C-MACRO	9/28/2020	Estuary	Praxillella gracilis	6	Polychaeta
LDW-Y3_SU-ENR+AC-MI-C-MACRO	9/28/2020	Estuary	Armandia brevis	1	Polychaeta
LDW-Y3_SU-ENR+AC-MI-C-MACRO	9/28/2020	Estuary	Glycera capitata	1	Polychaeta
LDW-Y3_SU-ENR+AC-MI-C-MACRO	9/28/2020	Estuary	Lumbrineridae	11	Polychaeta
LDW-Y3_SU-ENR+AC-MI-C-MACRO	9/28/2020	Estuary	Scoletoma luti	21	Polychaeta
LDW-Y3_SU-ENR+AC-MI-C-MACRO	9/28/2020	Estuary	Eteone longa	1	Polychaeta
LDW-Y3_SU-ENR+AC-MI-C-MACRO	9/28/2020	Estuary	Phyllodoce hartmanae	1	Polychaeta
LDW-Y3_SU-ENR+AC-MI-C-MACRO	9/28/2020	Estuary	Cirratulidae	25	Polychaeta
LDW-Y3_SU-ENR+AC-MI-C-MACRO	9/28/2020	Estuary	Aphelochaeta glandaria Complex	25	Polychaeta
LDW-Y3_SU-ENR+AC-MI-C-MACRO	9/28/2020	Estuary	Chaetozone sp.	1	Polychaeta
LDW-Y3_SU-ENR+AC-MI-C-MACRO	9/28/2020	Estuary	Galathowenia oculata	1	Polychaeta
LDW-Y3_SU-ENR+AC-MI-C-MACRO	9/28/2020	Estuary	Pectinaria californiensis	1	Polychaeta
LDW-Y3_SU-ENR+AC-MI-C-MACRO	9/28/2020	Estuary	Euchone incolor	2	Polychaeta
LDW-Y3_SU-ENR+AC-MI-C-MACRO	9/28/2020	Estuary	Euchone limnicola	5	Polychaeta
LDW-Y3_SU-ENR+AC-MI-C-MACRO	9/28/2020	Estuary	Euchone sp.	2	Polychaeta
LDW-Y3_SU-ENR+AC-MI-C-MACRO	9/28/2020	Estuary	Dipolydora caulleryi	1	Polychaeta
LDW-Y3_SU-ENR+AC-MI-C-MACRO	9/28/2020	Estuary	Prionospio sp.	4	Polychaeta
LDW-Y3_SU-ENR+AC-MI-C-MACRO	9/28/2020	Estuary	Spiophanes berkeleyorum	1	Polychaeta
LDW-Y3_SU-ENR+AC-MI-C-MACRO	9/28/2020	Estuary	Terebellides californica	2	Polychaeta
LDW-Y3_SU-ENR+AC-MI-C-MACRO	9/28/2020	Estuary	Aricidea (Acmira) catherinae	1	Polychaeta
LDW-Y3_SU-ENR+AC-MI-C-MACRO	9/28/2020	Estuary	Priapulus caudatus	3	Priapulida
LDW-Y3_SU-ENR+AC-MI-D-MACRO	9/28/2020	Estuary	Macoma calcarea	7	Bivalvia
LDW-Y3_SU-ENR+AC-MI-D-MACRO	9/28/2020	Estuary	Nutricola lordi	5	Bivalvia
LDW-Y3_SU-ENR+AC-MI-D-MACRO	9/28/2020	Estuary	Eochelidium sp.	1	Malacostraca
LDW-Y3_SU-ENR+AC-MI-D-MACRO	9/28/2020	Estuary	Capitella capitata Complex	1	Polychaeta
LDW-Y3_SU-ENR+AC-MI-D-MACRO	9/28/2020	Estuary	Heteromastus filobranchus	2	Polychaeta
LDW-Y3_SU-ENR+AC-MI-D-MACRO	9/28/2020	Estuary	Cossura sp. A sensu Phillips 1987	32	Polychaeta
LDW-Y3_SU-ENR+AC-MI-D-MACRO	9/28/2020	Estuary	Armandia brevis	1	Polychaeta
LDW-Y3_SU-ENR+AC-MI-D-MACRO	9/28/2020	Estuary	Lumbrineridae	3	Polychaeta
LDW-Y3_SU-ENR+AC-MI-D-MACRO	9/28/2020	Estuary	Scoletoma luti	9	Polychaeta
LDW-Y3_SU-ENR+AC-MI-D-MACRO	9/28/2020	Estuary	Eteone longa	1	Polychaeta
LDW-Y3_SU-ENR+AC-MI-D-MACRO	9/28/2020	Estuary	Tenonia priops	1	Polychaeta
LDW-Y3_SU-ENR+AC-MI-D-MACRO	9/28/2020	Estuary	Cirratulidae	6	Polychaeta
LDW-Y3_SU-ENR+AC-MI-D-MACRO	9/28/2020	Estuary	Aphelochaeta glandaria Complex	25	Polychaeta
LDW-Y3_SU-ENR+AC-MI-D-MACRO	9/28/2020	Estuary	Pectinaria californiensis	2	Polychaeta
LDW-Y3_SU-ENR+AC-MI-D-MACRO	9/28/2020	Estuary	Euchone incolor	3	Polychaeta
LDW-Y3_SU-ENR+AC-MI-D-MACRO	9/28/2020	Estuary	Euchone limnicola	2	Polychaeta
LDW-Y3_SU-ENR+AC-MI-D-MACRO	9/28/2020	Estuary	Euchone sp.	3	Polychaeta
LDW-Y3_SU-ENR+AC-MI-D-MACRO	9/28/2020	Estuary	Dipolydora caulleryi	1	Polychaeta
LDW-Y3_SU-ENR+AC-MI-D-MACRO	9/28/2020	Estuary	Prionospio (Minuspio) lighti	1	Polychaeta
LDW-Y3_SU-ENR+AC-MI-D-MACRO	9/28/2020	Estuary	Prionospio sp.	1	Polychaeta
LDW-Y3_SU-ENR+AC-MI-D-MACRO	9/28/2020	Estuary	Artacama coniferi	1	Polychaeta

Table 12
Benthic Macroinvertebrate Survey Taxonomy Data

SAMPLE_ID	DATE_COL	SAMPTYPE	TAXON_NAME	ABUNDANCE	CLASS
Field Descriptor #2	Sample Collection Date	Benthic Sample Type	Unique Taxon Name	Number of Individuals	Taxonomic Class
LDW-Y3_SU-ENR+AC-MI-D-MACRO	9/28/2020	Estuary	Proclea graffi	1	Polychaeta
LDW-Y3_SU-ENR+AC-MI-E-MACRO	9/28/2020	Estuary	Macoma calcarea	3	Bivalvia
LDW-Y3_SU-ENR+AC-MI-E-MACRO	9/28/2020	Estuary	Heteromastus sp.	1	Polychaeta
LDW-Y3_SU-ENR+AC-MI-E-MACRO	9/28/2020	Estuary	Scoletoma luti	1	Polychaeta
LDW-Y3_SU-ENR+AC-MI-E-MACRO	9/28/2020	Estuary	Euchone incolor	1	Polychaeta
LDW-Y3_SU-ENR+AC-MI-E-MACRO	9/28/2020	Estuary	Artacama coniferi	1	Polychaeta
LDW-Y3_SC-ENR-MI-A-MACRO	9/25/2020	Estuary	Lyonsia sp.	1	Bivalvia
LDW-Y3_SC-ENR-MI-A-MACRO	9/25/2020	Estuary	Keenaea centifilosa	1	Bivalvia
LDW-Y3_SC-ENR-MI-A-MACRO	9/25/2020	Estuary	Parvilucina tenuisculpta	5	Bivalvia
LDW-Y3_SC-ENR-MI-A-MACRO	9/25/2020	Estuary	Macoma calcarea	7	Bivalvia
LDW-Y3_SC-ENR-MI-A-MACRO	9/25/2020	Estuary	Axinopsida serricata	22	Bivalvia
LDW-Y3_SC-ENR-MI-A-MACRO	9/25/2020	Estuary	Nutricola lordi	1	Bivalvia
LDW-Y3_SC-ENR-MI-A-MACRO	9/25/2020	Estuary	Protomedeia prudens	2	Malacostraca
LDW-Y3_SC-ENR-MI-A-MACRO	9/25/2020	Estuary	Euphilomedes carcharodonta	1	Ostracoda
LDW-Y3_SC-ENR-MI-A-MACRO	9/25/2020	Estuary	Heteromastus filobranchus	3	Polychaeta
LDW-Y3_SC-ENR-MI-A-MACRO	9/25/2020	Estuary	Heteromastus sp.	9	Polychaeta
LDW-Y3_SC-ENR-MI-A-MACRO	9/25/2020	Estuary	Cossura sp. A sensu Phillips 1987	4	Polychaeta
LDW-Y3_SC-ENR-MI-A-MACRO	9/25/2020	Estuary	Praxillella gracilis	4	Polychaeta
LDW-Y3_SC-ENR-MI-A-MACRO	9/25/2020	Estuary	Praxillella pacifica	1	Polychaeta
LDW-Y3_SC-ENR-MI-A-MACRO	9/25/2020	Estuary	Armandia brevis	1	Polychaeta
LDW-Y3_SC-ENR-MI-A-MACRO	9/25/2020	Estuary	Hesionidae	1	Polychaeta
LDW-Y3_SC-ENR-MI-A-MACRO	9/25/2020	Estuary	Lumbrineridae	9	Polychaeta
LDW-Y3_SC-ENR-MI-A-MACRO	9/25/2020	Estuary	Scoletoma luti	12	Polychaeta
LDW-Y3_SC-ENR-MI-A-MACRO	9/25/2020	Estuary	Bipalponephtys cornuta	2	Polychaeta
LDW-Y3_SC-ENR-MI-A-MACRO	9/25/2020	Estuary	Nephtys ferruginea	1	Polychaeta
LDW-Y3_SC-ENR-MI-A-MACRO	9/25/2020	Estuary	Syllis heterochaeta	1	Polychaeta
LDW-Y3_SC-ENR-MI-A-MACRO	9/25/2020	Estuary	Cirratulidae	18	Polychaeta
LDW-Y3_SC-ENR-MI-A-MACRO	9/25/2020	Estuary	Aphelochaeta glandaria Complex	20	Polychaeta
LDW-Y3_SC-ENR-MI-A-MACRO	9/25/2020	Estuary	Euchone limnicola	2	Polychaeta
LDW-Y3_SC-ENR-MI-A-MACRO	9/25/2020	Estuary	Euchone sp.	1	Polychaeta
LDW-Y3_SC-ENR-MI-A-MACRO	9/25/2020	Estuary	Polycirrinae	1	Polychaeta
LDW-Y3_SC-ENR-MI-A-MACRO	9/25/2020	Estuary	Artacama coniferi	7	Polychaeta
LDW-Y3_SC-ENR-MI-A-MACRO	9/25/2020	Estuary	Polycirrus sp. I sensu Banse 1980	1	Polychaeta
LDW-Y3_SC-ENR-MI-A-MACRO	9/25/2020	Estuary	Terebellides californica	8	Polychaeta
LDW-Y3_SC-ENR-MI-A-MACRO	9/25/2020	Estuary	Priapulus caudatus	2	Priapulida
LDW-Y3_SC-ENR-MI-A-MACRO	9/25/2020	Estuary	Thysanocardia nigra	1	Sipunculidea
LDW-Y3_SC-ENR-MI-B-MACRO	9/25/2020	Estuary	Maculaura alaskensis Cmplx	1	Anopla
LDW-Y3_SC-ENR-MI-B-MACRO	9/25/2020	Estuary	Solamen columbianum	1	Bivalvia
LDW-Y3_SC-ENR-MI-B-MACRO	9/25/2020	Estuary	Parvilucina tenuisculpta	8	Bivalvia
LDW-Y3_SC-ENR-MI-B-MACRO	9/25/2020	Estuary	Kurtiella tumida	3	Bivalvia
LDW-Y3_SC-ENR-MI-B-MACRO	9/25/2020	Estuary	Solen sicarius	1	Bivalvia
LDW-Y3_SC-ENR-MI-B-MACRO	9/25/2020	Estuary	Macoma calcarea	4	Bivalvia
LDW-Y3_SC-ENR-MI-B-MACRO	9/25/2020	Estuary	Axinopsida serricata	39	Bivalvia
LDW-Y3_SC-ENR-MI-B-MACRO	9/25/2020	Estuary	Nutricola lordi	11	Bivalvia
LDW-Y3_SC-ENR-MI-B-MACRO	9/25/2020	Estuary	Oligochaeta	2	Clitellata
LDW-Y3_SC-ENR-MI-B-MACRO	9/25/2020	Estuary	Paranemertes californica	1	Enopla
LDW-Y3_SC-ENR-MI-B-MACRO	9/25/2020	Estuary	Pinnixa occidentalis Cmplx	1	Malacostraca
LDW-Y3_SC-ENR-MI-B-MACRO	9/25/2020	Estuary	Amphipholis squamata	1	Ophiuroidea
LDW-Y3_SC-ENR-MI-B-MACRO	9/25/2020	Estuary	Euphilomedes carcharodonta	6	Ostracoda
LDW-Y3_SC-ENR-MI-B-MACRO	9/25/2020	Estuary	Barantolla americana	1	Polychaeta
LDW-Y3_SC-ENR-MI-B-MACRO	9/25/2020	Estuary	Heteromastus filobranchus	1	Polychaeta
LDW-Y3_SC-ENR-MI-B-MACRO	9/25/2020	Estuary	Heteromastus sp.	3	Polychaeta
LDW-Y3_SC-ENR-MI-B-MACRO	9/25/2020	Estuary	Cossura sp. A sensu Phillips 1987	4	Polychaeta
LDW-Y3_SC-ENR-MI-B-MACRO	9/25/2020	Estuary	Praxillella gracilis	4	Polychaeta
LDW-Y3_SC-ENR-MI-B-MACRO	9/25/2020	Estuary	Armandia brevis	3	Polychaeta
LDW-Y3_SC-ENR-MI-B-MACRO	9/25/2020	Estuary	Glycinde picta	2	Polychaeta
LDW-Y3_SC-ENR-MI-B-MACRO	9/25/2020	Estuary	Lumbrineridae	5	Polychaeta
LDW-Y3_SC-ENR-MI-B-MACRO	9/25/2020	Estuary	Lumbrineris californiensis	1	Polychaeta
LDW-Y3_SC-ENR-MI-B-MACRO	9/25/2020	Estuary	Scoletoma luti	19	Polychaeta
LDW-Y3_SC-ENR-MI-B-MACRO	9/25/2020	Estuary	Pholoe minuta	1	Polychaeta

Table 12
Benthic Macroinvertebrate Survey Taxonomy Data

SAMPLE_ID	DATE_COL	SAMPTYPE	TAXON_NAME	ABUNDANCE	CLASS
Field Descriptor #2	Sample Collection Date	Benthic Sample Type	Unique Taxon Name	Number of Individuals	Taxonomic Class
LDW-Y3_SC-ENR-MI-B-MACRO	9/25/2020	Estuary	Eteone longa	1	Polychaeta
LDW-Y3_SC-ENR-MI-B-MACRO	9/25/2020	Estuary	Sphaerodoropsis minutum	1	Polychaeta
LDW-Y3_SC-ENR-MI-B-MACRO	9/25/2020	Estuary	Cirratulidae	17	Polychaeta
LDW-Y3_SC-ENR-MI-B-MACRO	9/25/2020	Estuary	Aphelochaeta glandaria Complex	42	Polychaeta
LDW-Y3_SC-ENR-MI-B-MACRO	9/25/2020	Estuary	Pectinaria californiensis	1	Polychaeta
LDW-Y3_SC-ENR-MI-B-MACRO	9/25/2020	Estuary	Euchone limnicola	3	Polychaeta
LDW-Y3_SC-ENR-MI-B-MACRO	9/25/2020	Estuary	Artacama coniferi	4	Polychaeta
LDW-Y3_SC-ENR-MI-B-MACRO	9/25/2020	Estuary	Polycirrus sp. II sensu Banse 1980	2	Polychaeta
LDW-Y3_SC-ENR-MI-B-MACRO	9/25/2020	Estuary	Proclea graffi	1	Polychaeta
LDW-Y3_SC-ENR-MI-B-MACRO	9/25/2020	Estuary	Terebellides californica	8	Polychaeta
LDW-Y3_SC-ENR-MI-B-MACRO	9/25/2020	Estuary	Priapulus caudatus	1	Priapulida
LDW-Y3_SC-ENR-MI-C-MACRO	9/25/2020	Estuary	Nematoda	1	
LDW-Y3_SC-ENR-MI-C-MACRO	9/25/2020	Estuary	Maculaura alaskensis Cmplx	2	Anopla
LDW-Y3_SC-ENR-MI-C-MACRO	9/25/2020	Estuary	Lyonsia sp.	2	Bivalvia
LDW-Y3_SC-ENR-MI-C-MACRO	9/25/2020	Estuary	Solamen columbianum	1	Bivalvia
LDW-Y3_SC-ENR-MI-C-MACRO	9/25/2020	Estuary	Parvilucina tenuisculpta	10	Bivalvia
LDW-Y3_SC-ENR-MI-C-MACRO	9/25/2020	Estuary	Kurtiella tumida	3	Bivalvia
LDW-Y3_SC-ENR-MI-C-MACRO	9/25/2020	Estuary	Solen sicarius	1	Bivalvia
LDW-Y3_SC-ENR-MI-C-MACRO	9/25/2020	Estuary	Macoma calcarea	4	Bivalvia
LDW-Y3_SC-ENR-MI-C-MACRO	9/25/2020	Estuary	Axinopsida serricata	28	Bivalvia
LDW-Y3_SC-ENR-MI-C-MACRO	9/25/2020	Estuary	Nutricola lordi	15	Bivalvia
LDW-Y3_SC-ENR-MI-C-MACRO	9/25/2020	Estuary	Saxidomus gigantea	1	Bivalvia
LDW-Y3_SC-ENR-MI-C-MACRO	9/25/2020	Estuary	Dyopedos monacanthus	1	Malacostraca
LDW-Y3_SC-ENR-MI-C-MACRO	9/25/2020	Estuary	Euphilomedes carcharodonta	12	Ostracoda
LDW-Y3_SC-ENR-MI-C-MACRO	9/25/2020	Estuary	Heteromastus filobranchus	2	Polychaeta
LDW-Y3_SC-ENR-MI-C-MACRO	9/25/2020	Estuary	Heteromastus sp.	10	Polychaeta
LDW-Y3_SC-ENR-MI-C-MACRO	9/25/2020	Estuary	Cossura sp. A sensu Phillips 1987	2	Polychaeta
LDW-Y3_SC-ENR-MI-C-MACRO	9/25/2020	Estuary	Praxillella gracilis	5	Polychaeta
LDW-Y3_SC-ENR-MI-C-MACRO	9/25/2020	Estuary	Armandia brevis	4	Polychaeta
LDW-Y3_SC-ENR-MI-C-MACRO	9/25/2020	Estuary	Glycinde picta	1	Polychaeta
LDW-Y3_SC-ENR-MI-C-MACRO	9/25/2020	Estuary	Lumbrineridae	8	Polychaeta
LDW-Y3_SC-ENR-MI-C-MACRO	9/25/2020	Estuary	Scoletoma luti	8	Polychaeta
LDW-Y3_SC-ENR-MI-C-MACRO	9/25/2020	Estuary	Nephtyidae	1	Polychaeta
LDW-Y3_SC-ENR-MI-C-MACRO	9/25/2020	Estuary	Nephtys ferruginea	1	Polychaeta
LDW-Y3_SC-ENR-MI-C-MACRO	9/25/2020	Estuary	Pholoe minuta	1	Polychaeta
LDW-Y3_SC-ENR-MI-C-MACRO	9/25/2020	Estuary	Eteone longa	1	Polychaeta
LDW-Y3_SC-ENR-MI-C-MACRO	9/25/2020	Estuary	Phyllodoce hartmanae	1	Polychaeta
LDW-Y3_SC-ENR-MI-C-MACRO	9/25/2020	Estuary	Malmgreniella liei	2	Polychaeta
LDW-Y3_SC-ENR-MI-C-MACRO	9/25/2020	Estuary	Sphaerodoropsis minutum	1	Polychaeta
LDW-Y3_SC-ENR-MI-C-MACRO	9/25/2020	Estuary	Exogone lourei	2	Polychaeta
LDW-Y3_SC-ENR-MI-C-MACRO	9/25/2020	Estuary	Syllis heterochaeta	6	Polychaeta
LDW-Y3_SC-ENR-MI-C-MACRO	9/25/2020	Estuary	Cirratulidae	2	Polychaeta
LDW-Y3_SC-ENR-MI-C-MACRO	9/25/2020	Estuary	Aphelochaeta glandaria Complex	5	Polychaeta
LDW-Y3_SC-ENR-MI-C-MACRO	9/25/2020	Estuary	Pectinaria californiensis	1	Polychaeta
LDW-Y3_SC-ENR-MI-C-MACRO	9/25/2020	Estuary	Euchone incolor	5	Polychaeta
LDW-Y3_SC-ENR-MI-C-MACRO	9/25/2020	Estuary	Euchone sp.	4	Polychaeta
LDW-Y3_SC-ENR-MI-C-MACRO	9/25/2020	Estuary	Dipolydora caulleryi	1	Polychaeta
LDW-Y3_SC-ENR-MI-C-MACRO	9/25/2020	Estuary	Artacama coniferi	4	Polychaeta
LDW-Y3_SC-ENR-MI-C-MACRO	9/25/2020	Estuary	Polycirrus sp. I sensu Banse 1980	3	Polychaeta
LDW-Y3_SC-ENR-MI-C-MACRO	9/25/2020	Estuary	Polycirrus sp. II sensu Banse 1980	2	Polychaeta
LDW-Y3_SC-ENR-MI-C-MACRO	9/25/2020	Estuary	Terebellides californica	2	Polychaeta
LDW-Y3_SC-ENR-MI-C-MACRO	9/25/2020	Estuary	Priapulus caudatus	2	Priapulida
LDW-Y3_SC-ENR-MI-C-MACRO	9/25/2020	Estuary	Thysanocardia nigra	1	Sipunculidea
LDW-Y3_SC-ENR-MI-D-MACRO	9/25/2020	Estuary	Nematoda	2	
LDW-Y3_SC-ENR-MI-D-MACRO	9/25/2020	Estuary	Lineidae	1	Anopla
LDW-Y3_SC-ENR-MI-D-MACRO	9/25/2020	Estuary	Solamen columbianum	2	Bivalvia
LDW-Y3_SC-ENR-MI-D-MACRO	9/25/2020	Estuary	Clinocardium nuttallii	1	Bivalvia
LDW-Y3_SC-ENR-MI-D-MACRO	9/25/2020	Estuary	Parvilucina tenuisculpta	21	Bivalvia
LDW-Y3_SC-ENR-MI-D-MACRO	9/25/2020	Estuary	Kurtiella tumida	1	Bivalvia
LDW-Y3_SC-ENR-MI-D-MACRO	9/25/2020	Estuary	Macoma calcarea	4	Bivalvia

Table 12
Benthic Macroinvertebrate Survey Taxonomy Data

SAMPLE_ID	DATE_COL	SAMPTYPE	TAXON_NAME	ABUNDANCE	CLASS
Field Descriptor #2	Sample Collection Date	Benthic Sample Type	Unique Taxon Name	Number of Individuals	Taxonomic Class
LDW-Y3_SC-ENR-MI-D-MACRO	9/25/2020	Estuary	Macoma elimata	1	Bivalvia
LDW-Y3_SC-ENR-MI-D-MACRO	9/25/2020	Estuary	Axinopsida serricata	25	Bivalvia
LDW-Y3_SC-ENR-MI-D-MACRO	9/25/2020	Estuary	Nutricola lordi	11	Bivalvia
LDW-Y3_SC-ENR-MI-D-MACRO	9/25/2020	Estuary	Aoroides inermis	2	Malacostraca
LDW-Y3_SC-ENR-MI-D-MACRO	9/25/2020	Estuary	Euphilomedes carcharodonta	6	Ostracoda
LDW-Y3_SC-ENR-MI-D-MACRO	9/25/2020	Estuary	Capitella capitata Complex	9	Polychaeta
LDW-Y3_SC-ENR-MI-D-MACRO	9/25/2020	Estuary	Heteromastus filobranchus	1	Polychaeta
LDW-Y3_SC-ENR-MI-D-MACRO	9/25/2020	Estuary	Heteromastus sp.	6	Polychaeta
LDW-Y3_SC-ENR-MI-D-MACRO	9/25/2020	Estuary	Armandia brevis	1	Polychaeta
LDW-Y3_SC-ENR-MI-D-MACRO	9/25/2020	Estuary	Glycinde picta	1	Polychaeta
LDW-Y3_SC-ENR-MI-D-MACRO	9/25/2020	Estuary	Lumbrineridae	11	Polychaeta
LDW-Y3_SC-ENR-MI-D-MACRO	9/25/2020	Estuary	Lumbrineris californiensis	19	Polychaeta
LDW-Y3_SC-ENR-MI-D-MACRO	9/25/2020	Estuary	Scoletoma luti	18	Polychaeta
LDW-Y3_SC-ENR-MI-D-MACRO	9/25/2020	Estuary	Platynereis bicanaliculata	5	Polychaeta
LDW-Y3_SC-ENR-MI-D-MACRO	9/25/2020	Estuary	Pholoe minuta	1	Polychaeta
LDW-Y3_SC-ENR-MI-D-MACRO	9/25/2020	Estuary	Eulalia quadrioculata	1	Polychaeta
LDW-Y3_SC-ENR-MI-D-MACRO	9/25/2020	Estuary	Ampharete finmarchica	1	Polychaeta
LDW-Y3_SC-ENR-MI-D-MACRO	9/25/2020	Estuary	Cirratulidae	6	Polychaeta
LDW-Y3_SC-ENR-MI-D-MACRO	9/25/2020	Estuary	Aphelochaeta glandaria Complex	46	Polychaeta
LDW-Y3_SC-ENR-MI-D-MACRO	9/25/2020	Estuary	Pectinaria californiensis	7	Polychaeta
LDW-Y3_SC-ENR-MI-D-MACRO	9/25/2020	Estuary	Euchone limnicola	6	Polychaeta
LDW-Y3_SC-ENR-MI-D-MACRO	9/25/2020	Estuary	Euchone sp.	1	Polychaeta
LDW-Y3_SC-ENR-MI-D-MACRO	9/25/2020	Estuary	Dipolydora caulleryi	7	Polychaeta
LDW-Y3_SC-ENR-MI-D-MACRO	9/25/2020	Estuary	Prionospio dubia	1	Polychaeta
LDW-Y3_SC-ENR-MI-D-MACRO	9/25/2020	Estuary	Prionospio jubata	1	Polychaeta
LDW-Y3_SC-ENR-MI-D-MACRO	9/25/2020	Estuary	Prionospio sp.	2	Polychaeta
LDW-Y3_SC-ENR-MI-D-MACRO	9/25/2020	Estuary	Spiophanes berkeleyorum	2	Polychaeta
LDW-Y3_SC-ENR-MI-D-MACRO	9/25/2020	Estuary	Polycirrinae	3	Polychaeta
LDW-Y3_SC-ENR-MI-D-MACRO	9/25/2020	Estuary	Pista wui	2	Polychaeta
LDW-Y3_SC-ENR-MI-D-MACRO	9/25/2020	Estuary	Terebellides californica	2	Polychaeta
LDW-Y3_SC-ENR-MI-D-MACRO	9/25/2020	Estuary	Scoloplos acmeceps	1	Polychaeta
LDW-Y3_SC-ENR-MI-D-MACRO	9/25/2020	Estuary	Priapulus caudatus	2	Priapulida
LDW-Y3_SC-ENR-MI-E-MACRO	9/25/2020	Estuary	Cardiomya pectinata	1	Bivalvia
LDW-Y3_SC-ENR-MI-E-MACRO	9/25/2020	Estuary	Ennucula tenuis	1	Bivalvia
LDW-Y3_SC-ENR-MI-E-MACRO	9/25/2020	Estuary	Parvilucina tenuisculpta	4	Bivalvia
LDW-Y3_SC-ENR-MI-E-MACRO	9/25/2020	Estuary	Kurtiella tumida	2	Bivalvia
LDW-Y3_SC-ENR-MI-E-MACRO	9/25/2020	Estuary	Macoma calcarea	4	Bivalvia
LDW-Y3_SC-ENR-MI-E-MACRO	9/25/2020	Estuary	Axinopsida serricata	19	Bivalvia
LDW-Y3_SC-ENR-MI-E-MACRO	9/25/2020	Estuary	Nutricola lordi	3	Bivalvia
LDW-Y3_SC-ENR-MI-E-MACRO	9/25/2020	Estuary	Oligochaeta	1	Clitellata
LDW-Y3_SC-ENR-MI-E-MACRO	9/25/2020	Estuary	Ericthonius sp.	1	Malacostraca
LDW-Y3_SC-ENR-MI-E-MACRO	9/25/2020	Estuary	Dyopedos monacanthus	1	Malacostraca
LDW-Y3_SC-ENR-MI-E-MACRO	9/25/2020	Estuary	Pinnixa schmitti	1	Malacostraca
LDW-Y3_SC-ENR-MI-E-MACRO	9/25/2020	Estuary	Amphiodia urtica	1	Ophiuroidea
LDW-Y3_SC-ENR-MI-E-MACRO	9/25/2020	Estuary	Euphilomedes carcharodonta	3	Ostracoda
LDW-Y3_SC-ENR-MI-E-MACRO	9/25/2020	Estuary	Capitellidae	1	Polychaeta
LDW-Y3_SC-ENR-MI-E-MACRO	9/25/2020	Estuary	Barantolla americana	1	Polychaeta
LDW-Y3_SC-ENR-MI-E-MACRO	9/25/2020	Estuary	Decamastus gracilis	1	Polychaeta
LDW-Y3_SC-ENR-MI-E-MACRO	9/25/2020	Estuary	Heteromastus filiformis	4	Polychaeta
LDW-Y3_SC-ENR-MI-E-MACRO	9/25/2020	Estuary	Heteromastus sp.	6	Polychaeta
LDW-Y3_SC-ENR-MI-E-MACRO	9/25/2020	Estuary	Mediomastus sp.	1	Polychaeta
LDW-Y3_SC-ENR-MI-E-MACRO	9/25/2020	Estuary	Cossura sp. A sensu Phillips 1987	4	Polychaeta
LDW-Y3_SC-ENR-MI-E-MACRO	9/25/2020	Estuary	Praxillella gracilis	4	Polychaeta
LDW-Y3_SC-ENR-MI-E-MACRO	9/25/2020	Estuary	Rhodine bitorquata	1	Polychaeta
LDW-Y3_SC-ENR-MI-E-MACRO	9/25/2020	Estuary	Armandia brevis	2	Polychaeta
LDW-Y3_SC-ENR-MI-E-MACRO	9/25/2020	Estuary	Lumbrineridae	7	Polychaeta
LDW-Y3_SC-ENR-MI-E-MACRO	9/25/2020	Estuary	Lumbrineris californiensis	3	Polychaeta
LDW-Y3_SC-ENR-MI-E-MACRO	9/25/2020	Estuary	Scoletoma luti	17	Polychaeta
LDW-Y3_SC-ENR-MI-E-MACRO	9/25/2020	Estuary	Platynereis bicanaliculata	2	Polychaeta
LDW-Y3_SC-ENR-MI-E-MACRO	9/25/2020	Estuary	Diopatra ornata	1	Polychaeta

Table 12
Benthic Macroinvertebrate Survey Taxonomy Data

SAMPLE_ID	DATE_COL	SAMPTYPE	TAXON_NAME	ABUNDANCE	CLASS
Field Descriptor #2	Sample Collection Date	Benthic Sample Type	Unique Taxon Name	Number of Individuals	Taxonomic Class
LDW-Y3_SC-ENR-MI-E-MACRO	9/25/2020	Estuary	Eteone longa	1	Polychaeta
LDW-Y3_SC-ENR-MI-E-MACRO	9/25/2020	Estuary	Malmgreniella liei	1	Polychaeta
LDW-Y3_SC-ENR-MI-E-MACRO	9/25/2020	Estuary	Exogone lourei	2	Polychaeta
LDW-Y3_SC-ENR-MI-E-MACRO	9/25/2020	Estuary	Ampharete finmarchica	2	Polychaeta
LDW-Y3_SC-ENR-MI-E-MACRO	9/25/2020	Estuary	Cirratulidae	13	Polychaeta
LDW-Y3_SC-ENR-MI-E-MACRO	9/25/2020	Estuary	Aphelochaeta glandaria Complex	48	Polychaeta
LDW-Y3_SC-ENR-MI-E-MACRO	9/25/2020	Estuary	Pectinaria californiensis	1	Polychaeta
LDW-Y3_SC-ENR-MI-E-MACRO	9/25/2020	Estuary	Euchone incolor	1	Polychaeta
LDW-Y3_SC-ENR-MI-E-MACRO	9/25/2020	Estuary	Euchone limnicola	2	Polychaeta
LDW-Y3_SC-ENR-MI-E-MACRO	9/25/2020	Estuary	Euchone sp.	1	Polychaeta
LDW-Y3_SC-ENR-MI-E-MACRO	9/25/2020	Estuary	Dipolydora caulleryi	2	Polychaeta
LDW-Y3_SC-ENR-MI-E-MACRO	9/25/2020	Estuary	Prionospio sp.	1	Polychaeta
LDW-Y3_SC-ENR-MI-E-MACRO	9/25/2020	Estuary	Artacama coniferi	3	Polychaeta
LDW-Y3_SC-ENR-MI-E-MACRO	9/25/2020	Estuary	Polycirrus sp. I sensu Banse 1980	1	Polychaeta
LDW-Y3_SC-ENR-MI-E-MACRO	9/25/2020	Estuary	Terebellides californica	7	Polychaeta
LDW-Y3_SC-ENR-MI-E-MACRO	9/25/2020	Estuary	Terebellides reishi	2	Polychaeta
LDW-Y3_SC-ENR+AC-MI-A-MACRO	9/25/2020	Estuary	Nematoda	1	
LDW-Y3_SC-ENR+AC-MI-A-MACRO	9/25/2020	Estuary	Lyonsia sp.	1	Bivalvia
LDW-Y3_SC-ENR+AC-MI-A-MACRO	9/25/2020	Estuary	Mya arenaria	1	Bivalvia
LDW-Y3_SC-ENR+AC-MI-A-MACRO	9/25/2020	Estuary	Saxidomus gigantea	2	Bivalvia
LDW-Y3_SC-ENR+AC-MI-A-MACRO	9/25/2020	Estuary	Aoroides inermis	1	Malacostraca
LDW-Y3_SC-ENR+AC-MI-A-MACRO	9/25/2020	Estuary	Monocorophium acherusicum	1	Malacostraca
LDW-Y3_SC-ENR+AC-MI-A-MACRO	9/25/2020	Estuary	Balanus crenatus	1	Maxillopoda
LDW-Y3_SC-ENR+AC-MI-A-MACRO	9/25/2020	Estuary	Heteromastus sp.	9	Polychaeta
LDW-Y3_SC-ENR+AC-MI-A-MACRO	9/25/2020	Estuary	Mediomastus sp.	1	Polychaeta
LDW-Y3_SC-ENR+AC-MI-A-MACRO	9/25/2020	Estuary	Praxillella gracilis	2	Polychaeta
LDW-Y3_SC-ENR+AC-MI-A-MACRO	9/25/2020	Estuary	Armandia brevis	3	Polychaeta
LDW-Y3_SC-ENR+AC-MI-A-MACRO	9/25/2020	Estuary	Glycera capitata	1	Polychaeta
LDW-Y3_SC-ENR+AC-MI-A-MACRO	9/25/2020	Estuary	Lumbrineridae	4	Polychaeta
LDW-Y3_SC-ENR+AC-MI-A-MACRO	9/25/2020	Estuary	Lumbrineris californiensis	9	Polychaeta
LDW-Y3_SC-ENR+AC-MI-A-MACRO	9/25/2020	Estuary	Scoletoma luti	7	Polychaeta
LDW-Y3_SC-ENR+AC-MI-A-MACRO	9/25/2020	Estuary	Neanthes limnicola	1	Polychaeta
LDW-Y3_SC-ENR+AC-MI-A-MACRO	9/25/2020	Estuary	Platynereis bicanaliculata	3	Polychaeta
LDW-Y3_SC-ENR+AC-MI-A-MACRO	9/25/2020	Estuary	Malmgreniella liei	1	Polychaeta
LDW-Y3_SC-ENR+AC-MI-A-MACRO	9/25/2020	Estuary	Ampharete finmarchica	2	Polychaeta
LDW-Y3_SC-ENR+AC-MI-A-MACRO	9/25/2020	Estuary	Cirratulidae	16	Polychaeta
LDW-Y3_SC-ENR+AC-MI-A-MACRO	9/25/2020	Estuary	Aphelochaeta glandaria Complex	56	Polychaeta
LDW-Y3_SC-ENR+AC-MI-A-MACRO	9/25/2020	Estuary	Chaetozone sp.	1	Polychaeta
LDW-Y3_SC-ENR+AC-MI-A-MACRO	9/25/2020	Estuary	Pectinaria californiensis	1	Polychaeta
LDW-Y3_SC-ENR+AC-MI-A-MACRO	9/25/2020	Estuary	Euchone limnicola	2	Polychaeta
LDW-Y3_SC-ENR+AC-MI-A-MACRO	9/25/2020	Estuary	Dipolydora caulleryi	21	Polychaeta
LDW-Y3_SC-ENR+AC-MI-A-MACRO	9/25/2020	Estuary	Prionospio sp.	4	Polychaeta
LDW-Y3_SC-ENR+AC-MI-A-MACRO	9/25/2020	Estuary	Polycirrinae	11	Polychaeta
LDW-Y3_SC-ENR+AC-MI-A-MACRO	9/25/2020	Estuary	Eupolymnia heterobranchia	1	Polychaeta
LDW-Y3_SC-ENR+AC-MI-A-MACRO	9/25/2020	Estuary	Pista wui	1	Polychaeta
LDW-Y3_SC-ENR+AC-MI-A-MACRO	9/25/2020	Estuary	Priapulus caudatus	1	Priapulida
LDW-Y3_SC-ENR+AC-MI-B-MACRO	9/25/2020	Estuary	Tubulanus polymorphus	1	Anopla
LDW-Y3_SC-ENR+AC-MI-B-MACRO	9/25/2020	Estuary	Lineidae	2	Anopla
LDW-Y3_SC-ENR+AC-MI-B-MACRO	9/25/2020	Estuary	Actiniaria	1	Anthozoa
LDW-Y3_SC-ENR+AC-MI-B-MACRO	9/25/2020	Estuary	Kurtiella tumida	1	Bivalvia
LDW-Y3_SC-ENR+AC-MI-B-MACRO	9/25/2020	Estuary	Axinopsida serricata	1	Bivalvia
LDW-Y3_SC-ENR+AC-MI-B-MACRO	9/25/2020	Estuary	Nutricola lordi	1	Bivalvia
LDW-Y3_SC-ENR+AC-MI-B-MACRO	9/25/2020	Estuary	Romaleon jordani	1	Malacostraca
LDW-Y3_SC-ENR+AC-MI-B-MACRO	9/25/2020	Estuary	Euphilomedes carcharodonta	1	Ostracoda
LDW-Y3_SC-ENR+AC-MI-B-MACRO	9/25/2020	Estuary	Barantolla americana	4	Polychaeta
LDW-Y3_SC-ENR+AC-MI-B-MACRO	9/25/2020	Estuary	Heteromastus filobranchus	2	Polychaeta
LDW-Y3_SC-ENR+AC-MI-B-MACRO	9/25/2020	Estuary	Heteromastus sp.	2	Polychaeta
LDW-Y3_SC-ENR+AC-MI-B-MACRO	9/25/2020	Estuary	Cossura sp. A sensu Phillips 1987	1	Polychaeta
LDW-Y3_SC-ENR+AC-MI-B-MACRO	9/25/2020	Estuary	Praxillella gracilis	1	Polychaeta
LDW-Y3_SC-ENR+AC-MI-B-MACRO	9/25/2020	Estuary	Rhodine bitorquata	1	Polychaeta

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Benthic Macroinvertebrate Survey Taxonomy Data

SAMPLE_ID	DATE_COL	SAMPTYPE	TAXON_NAME	ABUNDANCE	CLASS
Field Descriptor #2	Sample Collection Date	Benthic Sample Type	Unique Taxon Name	Number of Individuals	Taxonomic Class
LDW-Y3_SC-ENR+AC-MI-B-MACRO	9/25/2020	Estuary	Armandia brevis	1	Polychaeta
LDW-Y3_SC-ENR+AC-MI-B-MACRO	9/25/2020	Estuary	Oxydromus pugettensis	1	Polychaeta
LDW-Y3_SC-ENR+AC-MI-B-MACRO	9/25/2020	Estuary	Lumbrineridae	19	Polychaeta
LDW-Y3_SC-ENR+AC-MI-B-MACRO	9/25/2020	Estuary	Scoletoma luti	8	Polychaeta
LDW-Y3_SC-ENR+AC-MI-B-MACRO	9/25/2020	Estuary	Diopatra ornata	1	Polychaeta
LDW-Y3_SC-ENR+AC-MI-B-MACRO	9/25/2020	Estuary	Eteone longa	1	Polychaeta
LDW-Y3_SC-ENR+AC-MI-B-MACRO	9/25/2020	Estuary	Syllis hyperioni	1	Polychaeta
LDW-Y3_SC-ENR+AC-MI-B-MACRO	9/25/2020	Estuary	Cirratulidae	11	Polychaeta
LDW-Y3_SC-ENR+AC-MI-B-MACRO	9/25/2020	Estuary	Aphelochaeta glandaria Complex	53	Polychaeta
LDW-Y3_SC-ENR+AC-MI-B-MACRO	9/25/2020	Estuary	Pectinaria californiensis	1	Polychaeta
LDW-Y3_SC-ENR+AC-MI-B-MACRO	9/25/2020	Estuary	Polycirrinae	2	Polychaeta
LDW-Y3_SC-ENR+AC-MI-B-MACRO	9/25/2020	Estuary	Artacama coniferi	6	Polychaeta
LDW-Y3_SC-ENR+AC-MI-B-MACRO	9/25/2020	Estuary	Terebellides californica	1	Polychaeta
LDW-Y3_SC-ENR+AC-MI-B-MACRO	9/25/2020	Estuary	Leitoscoloplos pugettensis	1	Polychaeta
LDW-Y3_SC-ENR+AC-MI-C-MACRO	9/25/2020	Estuary	Kurtiella tumida	1	Bivalvia
LDW-Y3_SC-ENR+AC-MI-C-MACRO	9/25/2020	Estuary	Monocorophium acherusicum	3	Malacostraca
LDW-Y3_SC-ENR+AC-MI-C-MACRO	9/25/2020	Estuary	Heteromastus filiformis	3	Polychaeta
LDW-Y3_SC-ENR+AC-MI-C-MACRO	9/25/2020	Estuary	Heteromastus sp.	4	Polychaeta
LDW-Y3_SC-ENR+AC-MI-C-MACRO	9/25/2020	Estuary	Mediomastus sp.	1	Polychaeta
LDW-Y3_SC-ENR+AC-MI-C-MACRO	9/25/2020	Estuary	Armandia brevis	1	Polychaeta
LDW-Y3_SC-ENR+AC-MI-C-MACRO	9/25/2020	Estuary	Protodorvillea gracilis	1	Polychaeta
LDW-Y3_SC-ENR+AC-MI-C-MACRO	9/25/2020	Estuary	Hesionidae	1	Polychaeta
LDW-Y3_SC-ENR+AC-MI-C-MACRO	9/25/2020	Estuary	Lumbrineridae	2	Polychaeta
LDW-Y3_SC-ENR+AC-MI-C-MACRO	9/25/2020	Estuary	Lumbrineris californiensis	3	Polychaeta
LDW-Y3_SC-ENR+AC-MI-C-MACRO	9/25/2020	Estuary	Scoletoma luti	2	Polychaeta
LDW-Y3_SC-ENR+AC-MI-C-MACRO	9/25/2020	Estuary	Platynereis bicanaliculata	10	Polychaeta
LDW-Y3_SC-ENR+AC-MI-C-MACRO	9/25/2020	Estuary	Cirratulidae	6	Polychaeta
LDW-Y3_SC-ENR+AC-MI-C-MACRO	9/25/2020	Estuary	Aphelochaeta glandaria Complex	10	Polychaeta
LDW-Y3_SC-ENR+AC-MI-C-MACRO	9/25/2020	Estuary	Chaetozone sp.	2	Polychaeta
LDW-Y3_SC-ENR+AC-MI-C-MACRO	9/25/2020	Estuary	Dipolydora caulleryi	1	Polychaeta
LDW-Y3_SC-ENR+AC-MI-C-MACRO	9/25/2020	Estuary	Polycirrinae	12	Polychaeta
LDW-Y3_SC-ENR+AC-MI-C-MACRO	9/25/2020	Estuary	Pista wui	8	Polychaeta
LDW-Y3_SC-ENR+AC-MI-D-MACRO	9/25/2020	Estuary	Nematoda	2	
LDW-Y3_SC-ENR+AC-MI-D-MACRO	9/25/2020	Estuary	Maculaura alaskensis Cmplx	9	Anopla
LDW-Y3_SC-ENR+AC-MI-D-MACRO	9/25/2020	Estuary	Mytilidae	3	Bivalvia
LDW-Y3_SC-ENR+AC-MI-D-MACRO	9/25/2020	Estuary	Parvilucina tenuisculpta	2	Bivalvia
LDW-Y3_SC-ENR+AC-MI-D-MACRO	9/25/2020	Estuary	Kurtiella tumida	7	Bivalvia
LDW-Y3_SC-ENR+AC-MI-D-MACRO	9/25/2020	Estuary	Macoma calcarea	2	Bivalvia
LDW-Y3_SC-ENR+AC-MI-D-MACRO	9/25/2020	Estuary	Axinopsida serricata	19	Bivalvia
LDW-Y3_SC-ENR+AC-MI-D-MACRO	9/25/2020	Estuary	Nutricola lordi	2	Bivalvia
LDW-Y3_SC-ENR+AC-MI-D-MACRO	9/25/2020	Estuary	Saxidomus gigantea	1	Bivalvia
LDW-Y3_SC-ENR+AC-MI-D-MACRO	9/25/2020	Estuary	Oligochaeta	1	Clitellata
LDW-Y3_SC-ENR+AC-MI-D-MACRO	9/25/2020	Estuary	Zygonemertes virescens	2	Enopla
LDW-Y3_SC-ENR+AC-MI-D-MACRO	9/25/2020	Estuary	Alvania compacta	1	Gastropoda
LDW-Y3_SC-ENR+AC-MI-D-MACRO	9/25/2020	Estuary	Thalassomya sp.	2	Insecta
LDW-Y3_SC-ENR+AC-MI-D-MACRO	9/25/2020	Estuary	Ampithoe plumulosa	1	Malacostraca
LDW-Y3_SC-ENR+AC-MI-D-MACRO	9/25/2020	Estuary	Caprella ferrea	1	Malacostraca
LDW-Y3_SC-ENR+AC-MI-D-MACRO	9/25/2020	Estuary	Balanus crenatus	3	Maxillopoda
LDW-Y3_SC-ENR+AC-MI-D-MACRO	9/25/2020	Estuary	Barantolla americana	1	Polychaeta
LDW-Y3_SC-ENR+AC-MI-D-MACRO	9/25/2020	Estuary	Heteromastus sp.	8	Polychaeta
LDW-Y3_SC-ENR+AC-MI-D-MACRO	9/25/2020	Estuary	Cossura sp. A sensu Phillips 1987	2	Polychaeta
LDW-Y3_SC-ENR+AC-MI-D-MACRO	9/25/2020	Estuary	Praxillella gracilis	6	Polychaeta
LDW-Y3_SC-ENR+AC-MI-D-MACRO	9/25/2020	Estuary	Armandia brevis	1	Polychaeta
LDW-Y3_SC-ENR+AC-MI-D-MACRO	9/25/2020	Estuary	Dorvillea (Schistomeringos) annulata	1	Polychaeta
LDW-Y3_SC-ENR+AC-MI-D-MACRO	9/25/2020	Estuary	Glycinde picta	1	Polychaeta
LDW-Y3_SC-ENR+AC-MI-D-MACRO	9/25/2020	Estuary	Oxydromus pugettensis	1	Polychaeta
LDW-Y3_SC-ENR+AC-MI-D-MACRO	9/25/2020	Estuary	Lumbrineridae	4	Polychaeta
LDW-Y3_SC-ENR+AC-MI-D-MACRO	9/25/2020	Estuary	Lumbrineris californiensis	6	Polychaeta
LDW-Y3_SC-ENR+AC-MI-D-MACRO	9/25/2020	Estuary	Scoletoma luti	19	Polychaeta
LDW-Y3_SC-ENR+AC-MI-D-MACRO	9/25/2020	Estuary	Nephtyidae	1	Polychaeta

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Benthic Macroinvertebrate Survey Taxonomy Data

SAMPLE_ID	DATE_COL	SAMPTYPE	TAXON_NAME	ABUNDANCE	CLASS
Field Descriptor #2	Sample Collection Date	Benthic Sample Type	Unique Taxon Name	Number of Individuals	Taxonomic Class
LDW-Y3_SC-ENR+AC-MI-D-MACRO	9/25/2020	Estuary	Platynereis bicanaliculata	2	Polychaeta
LDW-Y3_SC-ENR+AC-MI-D-MACRO	9/25/2020	Estuary	Pholoe minuta	1	Polychaeta
LDW-Y3_SC-ENR+AC-MI-D-MACRO	9/25/2020	Estuary	Malmgreniella liei	2	Polychaeta
LDW-Y3_SC-ENR+AC-MI-D-MACRO	9/25/2020	Estuary	Exogone lourei	1	Polychaeta
LDW-Y3_SC-ENR+AC-MI-D-MACRO	9/25/2020	Estuary	Syllis heterochaeta	1	Polychaeta
LDW-Y3_SC-ENR+AC-MI-D-MACRO	9/25/2020	Estuary	Cirratulidae	10	Polychaeta
LDW-Y3_SC-ENR+AC-MI-D-MACRO	9/25/2020	Estuary	Aphelochaeta glandaria Complex	123	Polychaeta
LDW-Y3_SC-ENR+AC-MI-D-MACRO	9/25/2020	Estuary	Chaetozone sp.	1	Polychaeta
LDW-Y3_SC-ENR+AC-MI-D-MACRO	9/25/2020	Estuary	Euchone incolor	22	Polychaeta
LDW-Y3_SC-ENR+AC-MI-D-MACRO	9/25/2020	Estuary	Euchone limnicola	5	Polychaeta
LDW-Y3_SC-ENR+AC-MI-D-MACRO	9/25/2020	Estuary	Dipolydora caulleryi	6	Polychaeta
LDW-Y3_SC-ENR+AC-MI-D-MACRO	9/25/2020	Estuary	Prionospio sp.	1	Polychaeta
LDW-Y3_SC-ENR+AC-MI-D-MACRO	9/25/2020	Estuary	Polycirrinae	7	Polychaeta
LDW-Y3_SC-ENR+AC-MI-D-MACRO	9/25/2020	Estuary	Artacama coniferi	1	Polychaeta
LDW-Y3_SC-ENR+AC-MI-D-MACRO	9/25/2020	Estuary	Pista brevibranchiata	1	Polychaeta
LDW-Y3_SC-ENR+AC-MI-D-MACRO	9/25/2020	Estuary	Pista wui	4	Polychaeta
LDW-Y3_SC-ENR+AC-MI-D-MACRO	9/25/2020	Estuary	Polycirrus sp. II sensu Banse 1980	2	Polychaeta
LDW-Y3_SC-ENR+AC-MI-E-MACRO	9/25/2020	Estuary	Tubulanus polymorphus	1	Anopla
LDW-Y3_SC-ENR+AC-MI-E-MACRO	9/25/2020	Estuary	Maculaura alaskensis Cmplx	4	Anopla
LDW-Y3_SC-ENR+AC-MI-E-MACRO	9/25/2020	Estuary	Pennatulacea	1	Anthozoa
LDW-Y3_SC-ENR+AC-MI-E-MACRO	9/25/2020	Estuary	Lyonsia sp.	1	Bivalvia
LDW-Y3_SC-ENR+AC-MI-E-MACRO	9/25/2020	Estuary	Solamen columbianum	1	Bivalvia
LDW-Y3_SC-ENR+AC-MI-E-MACRO	9/25/2020	Estuary	Parvilucina tenuisculpta	9	Bivalvia
LDW-Y3_SC-ENR+AC-MI-E-MACRO	9/25/2020	Estuary	Kurtiella tumida	2	Bivalvia
LDW-Y3_SC-ENR+AC-MI-E-MACRO	9/25/2020	Estuary	Macoma calcarea	7	Bivalvia
LDW-Y3_SC-ENR+AC-MI-E-MACRO	9/25/2020	Estuary	Axinopsida serricata	23	Bivalvia
LDW-Y3_SC-ENR+AC-MI-E-MACRO	9/25/2020	Estuary	Nutricola lordi	6	Bivalvia
LDW-Y3_SC-ENR+AC-MI-E-MACRO	9/25/2020	Estuary	Euphilomedes carcharodonta	11	Ostracoda
LDW-Y3_SC-ENR+AC-MI-E-MACRO	9/25/2020	Estuary	Barantolla americana	1	Polychaeta
LDW-Y3_SC-ENR+AC-MI-E-MACRO	9/25/2020	Estuary	Capitella capitata Complex	2	Polychaeta
LDW-Y3_SC-ENR+AC-MI-E-MACRO	9/25/2020	Estuary	Heteromastus filobranchus	3	Polychaeta
LDW-Y3_SC-ENR+AC-MI-E-MACRO	9/25/2020	Estuary	Heteromastus sp.	3	Polychaeta
LDW-Y3_SC-ENR+AC-MI-E-MACRO	9/25/2020	Estuary	Notomastus tenuis	1	Polychaeta
LDW-Y3_SC-ENR+AC-MI-E-MACRO	9/25/2020	Estuary	Cossura sp. A sensu Phillips 1987	1	Polychaeta
LDW-Y3_SC-ENR+AC-MI-E-MACRO	9/25/2020	Estuary	Praxillella gracilis	2	Polychaeta
LDW-Y3_SC-ENR+AC-MI-E-MACRO	9/25/2020	Estuary	Lumbrineridae	4	Polychaeta
LDW-Y3_SC-ENR+AC-MI-E-MACRO	9/25/2020	Estuary	Lumbrineris californiensis	4	Polychaeta
LDW-Y3_SC-ENR+AC-MI-E-MACRO	9/25/2020	Estuary	Scoletoma luti	25	Polychaeta
LDW-Y3_SC-ENR+AC-MI-E-MACRO	9/25/2020	Estuary	Nephtys ferruginea	1	Polychaeta
LDW-Y3_SC-ENR+AC-MI-E-MACRO	9/25/2020	Estuary	Cirratulidae	5	Polychaeta
LDW-Y3_SC-ENR+AC-MI-E-MACRO	9/25/2020	Estuary	Aphelochaeta glandaria Complex	85	Polychaeta
LDW-Y3_SC-ENR+AC-MI-E-MACRO	9/25/2020	Estuary	Pectinaria californiensis	4	Polychaeta
LDW-Y3_SC-ENR+AC-MI-E-MACRO	9/25/2020	Estuary	Euchone incolor	3	Polychaeta
LDW-Y3_SC-ENR+AC-MI-E-MACRO	9/25/2020	Estuary	Dipolydora caulleryi	7	Polychaeta
LDW-Y3_SC-ENR+AC-MI-E-MACRO	9/25/2020	Estuary	Polycirrinae	2	Polychaeta
LDW-Y3_SC-ENR+AC-MI-E-MACRO	9/25/2020	Estuary	Artacama coniferi	1	Polychaeta
LDW-Y3_SC-ENR+AC-MI-E-MACRO	9/25/2020	Estuary	Pista wui	2	Polychaeta
LDW-Y3_SC-ENR+AC-MI-E-MACRO	9/25/2020	Estuary	Terebellides californica	6	Polychaeta
LDW-Y3_SC-ENR+AC-MI-E-MACRO	9/25/2020	Estuary	Priapulus caudatus	1	Priapulida
LDW-Y3_IN-ENR-MI-A-MACRO	9/17/2020	Estuary	Diptera	2	Insecta
LDW-Y3_IN-ENR-MI-A-MACRO	9/17/2020	Estuary	Americorophium salmonis	206	Malacostraca
LDW-Y3_IN-ENR-MI-A-MACRO	9/17/2020	Estuary	Americorophium spinicorne	111	Malacostraca
LDW-Y3_IN-ENR-MI-A-MACRO	9/17/2020	Estuary	Gnorimosphaeroma oregonensis	2	Malacostraca
LDW-Y3_IN-ENR-MI-A-MACRO	9/17/2020	Estuary	Sinelobus stanfordi	3	Malacostraca
LDW-Y3_IN-ENR-MI-A-MACRO	9/17/2020	Estuary	Neanthes limnicola	28	Polychaeta
LDW-Y3_IN-ENR-MI-A-MACRO	9/17/2020	Estuary	Hobsonia florida	4	Polychaeta
LDW-Y3_IN-ENR-MI-A-MACRO	9/17/2020	Estuary	Turbellaria	1	Turbellaria
LDW-Y3_IN-ENR-MI-B-MACRO	9/17/2020	Estuary	Nematoda	2	
LDW-Y3_IN-ENR-MI-B-MACRO	9/17/2020	Estuary	Diptera	5	Insecta
LDW-Y3_IN-ENR-MI-B-MACRO	9/17/2020	Estuary	Eogammarus confervicolus	4	Malacostraca

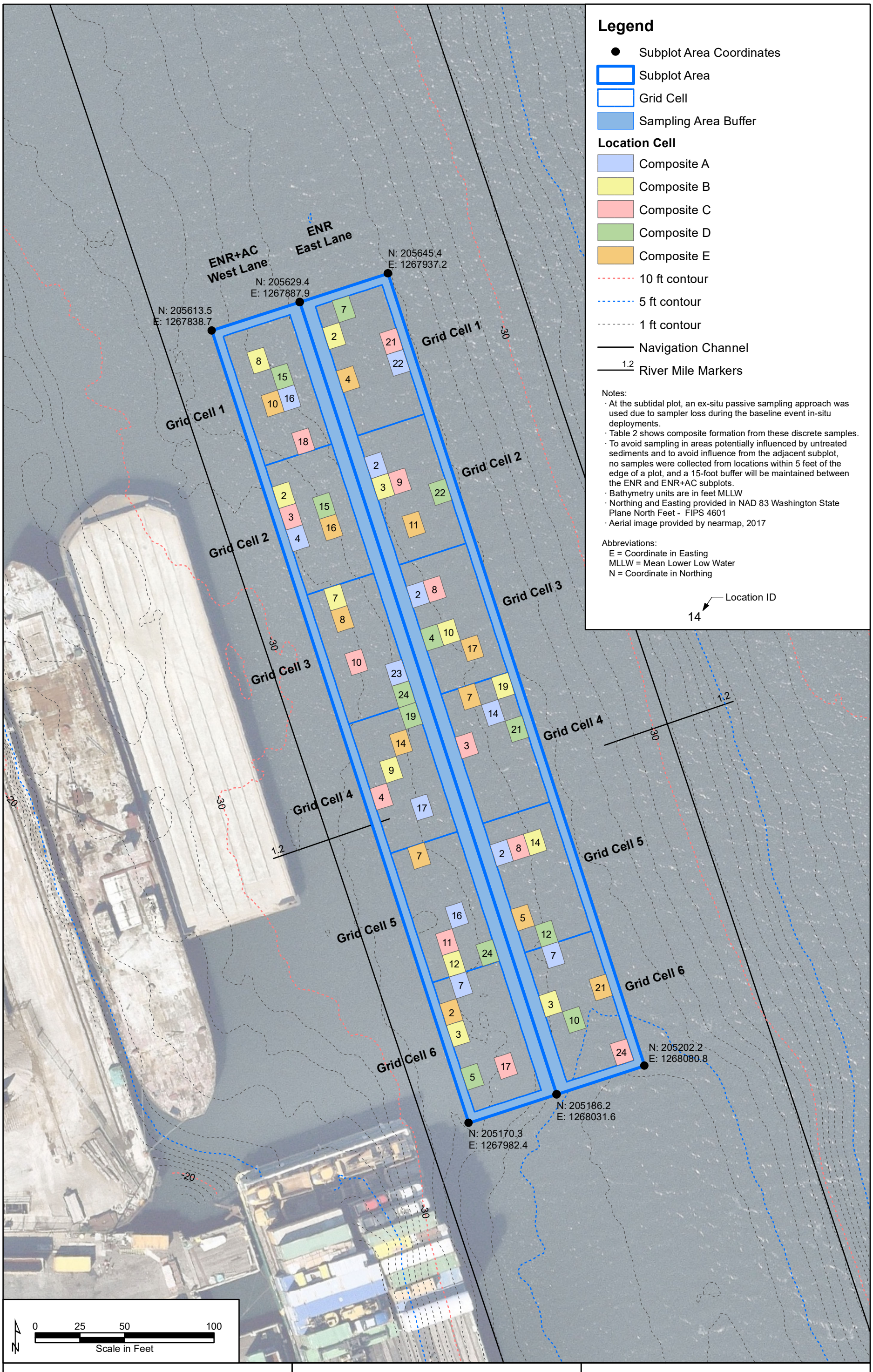
Table 12
Benthic Macroinvertebrate Survey Taxonomy Data

SAMPLE_ID	DATE_COL	SAMPTYPE	TAXON_NAME	ABUNDANCE	CLASS
Field Descriptor #2	Sample Collection Date	Benthic Sample Type	Unique Taxon Name	Number of Individuals	Taxonomic Class
LDW-Y3_IN-ENR-MI-B-MACRO	9/17/2020	Estuary	Grandidierella japonica	1	Malacostraca
LDW-Y3_IN-ENR-MI-B-MACRO	9/17/2020	Estuary	Americorophium salmonis	10	Malacostraca
LDW-Y3_IN-ENR-MI-B-MACRO	9/17/2020	Estuary	Americorophium spinicorne	216	Malacostraca
LDW-Y3_IN-ENR-MI-B-MACRO	9/17/2020	Estuary	Gnorimosphaeroma oregonensis	6	Malacostraca
LDW-Y3_IN-ENR-MI-B-MACRO	9/17/2020	Estuary	Sinelobus stanfordi	15	Malacostraca
LDW-Y3_IN-ENR-MI-B-MACRO	9/17/2020	Estuary	Neanthes limnicola	75	Polychaeta
LDW-Y3_IN-ENR-MI-B-MACRO	9/17/2020	Estuary	Hobsonia florida	2	Polychaeta
LDW-Y3_IN-ENR-MI-C-MACRO	9/17/2020	Estuary	Nematoda	2	
LDW-Y3_IN-ENR-MI-C-MACRO	9/17/2020	Estuary	Diptera	2	Insecta
LDW-Y3_IN-ENR-MI-C-MACRO	9/17/2020	Estuary	Diptera	1	Insecta
LDW-Y3_IN-ENR-MI-C-MACRO	9/17/2020	Estuary	Americorophium salmonis	9	Malacostraca
LDW-Y3_IN-ENR-MI-C-MACRO	9/17/2020	Estuary	Americorophium spinicorne	48	Malacostraca
LDW-Y3_IN-ENR-MI-C-MACRO	9/17/2020	Estuary	Neanthes limnicola	71	Polychaeta
LDW-Y3_IN-ENR-MI-C-MACRO	9/17/2020	Estuary	Hobsonia florida	2	Polychaeta
LDW-Y3_IN-ENR-MI-D-MACRO	9/16/2020	Estuary	Diptera	1	Insecta
LDW-Y3_IN-ENR-MI-D-MACRO	9/16/2020	Estuary	Eogammarus confervicolus	3	Malacostraca
LDW-Y3_IN-ENR-MI-D-MACRO	9/16/2020	Estuary	Grandidierella japonica	4	Malacostraca
LDW-Y3_IN-ENR-MI-D-MACRO	9/16/2020	Estuary	Americorophium salmonis	1	Malacostraca
LDW-Y3_IN-ENR-MI-D-MACRO	9/16/2020	Estuary	Americorophium spinicorne	28	Malacostraca
LDW-Y3_IN-ENR-MI-D-MACRO	9/16/2020	Estuary	Gnorimosphaeroma oregonensis	3	Malacostraca
LDW-Y3_IN-ENR-MI-D-MACRO	9/16/2020	Estuary	Neanthes limnicola	4	Polychaeta
LDW-Y3_IN-ENR-MI-D-MACRO	9/16/2020	Estuary	Hobsonia florida	1	Polychaeta
LDW-Y3_IN-ENR-MI-D-MACRO	9/16/2020	Estuary	Pseudopolydora cf. kempi	2	Polychaeta
LDW-Y3_IN-ENR-MI-E-MACRO	9/17/2020	Estuary	Oligochaeta	2	Clitellata
LDW-Y3_IN-ENR-MI-E-MACRO	9/17/2020	Estuary	Sinelobus stanfordi	2	Malacostraca
LDW-Y3_IN-ENR+AC-MI-A-MACRO	9/17/2020	Estuary	Oligochaeta	2	Clitellata
LDW-Y3_IN-ENR+AC-MI-A-MACRO	9/17/2020	Estuary	Diptera	1	Insecta
LDW-Y3_IN-ENR+AC-MI-A-MACRO	9/17/2020	Estuary	Eogammarus confervicolus	4	Malacostraca
LDW-Y3_IN-ENR+AC-MI-A-MACRO	9/17/2020	Estuary	Grandidierella japonica	1	Malacostraca
LDW-Y3_IN-ENR+AC-MI-A-MACRO	9/17/2020	Estuary	Americorophium salmonis	12	Malacostraca
LDW-Y3_IN-ENR+AC-MI-A-MACRO	9/17/2020	Estuary	Americorophium spinicorne	302	Malacostraca
LDW-Y3_IN-ENR+AC-MI-A-MACRO	9/17/2020	Estuary	Gnorimosphaeroma oregonensis	4	Malacostraca
LDW-Y3_IN-ENR+AC-MI-A-MACRO	9/17/2020	Estuary	Sinelobus stanfordi	16	Malacostraca
LDW-Y3_IN-ENR+AC-MI-A-MACRO	9/17/2020	Estuary	Neanthes limnicola	78	Polychaeta
LDW-Y3_IN-ENR+AC-MI-A-MACRO	9/17/2020	Estuary	Hobsonia florida	1	Polychaeta
LDW-Y3_IN-ENR+AC-MI-B-MACRO	9/17/2020	Estuary	Oligochaeta	2	Clitellata
LDW-Y3_IN-ENR+AC-MI-B-MACRO	9/17/2020	Estuary	Eogammarus confervicolus	1	Malacostraca
LDW-Y3_IN-ENR+AC-MI-B-MACRO	9/17/2020	Estuary	Grandidierella japonica	1	Malacostraca
LDW-Y3_IN-ENR+AC-MI-B-MACRO	9/17/2020	Estuary	Americorophium salmonis	4	Malacostraca
LDW-Y3_IN-ENR+AC-MI-B-MACRO	9/17/2020	Estuary	Americorophium spinicorne	6	Malacostraca
LDW-Y3_IN-ENR+AC-MI-B-MACRO	9/17/2020	Estuary	Sinelobus stanfordi	28	Malacostraca
LDW-Y3_IN-ENR+AC-MI-B-MACRO	9/17/2020	Estuary	Neanthes limnicola	10	Polychaeta
LDW-Y3_IN-ENR+AC-MI-B-MACRO	9/17/2020	Estuary	Hobsonia florida	2	Polychaeta
LDW-Y3_IN-ENR+AC-MI-C-MACRO	9/17/2020	Estuary	Halacaridae	3	Arachnida
LDW-Y3_IN-ENR+AC-MI-C-MACRO	9/17/2020	Estuary	Oligochaeta	6	Clitellata
LDW-Y3_IN-ENR+AC-MI-C-MACRO	9/17/2020	Estuary	Eogammarus confervicolus	1	Malacostraca
LDW-Y3_IN-ENR+AC-MI-C-MACRO	9/17/2020	Estuary	Grandidierella japonica	5	Malacostraca
LDW-Y3_IN-ENR+AC-MI-C-MACRO	9/17/2020	Estuary	Americorophium salmonis	49	Malacostraca
LDW-Y3_IN-ENR+AC-MI-C-MACRO	9/17/2020	Estuary	Americorophium spinicorne	340	Malacostraca
LDW-Y3_IN-ENR+AC-MI-C-MACRO	9/17/2020	Estuary	Gnorimosphaeroma oregonensis	1	Malacostraca
LDW-Y3_IN-ENR+AC-MI-C-MACRO	9/17/2020	Estuary	Sinelobus stanfordi	11	Malacostraca
LDW-Y3_IN-ENR+AC-MI-C-MACRO	9/17/2020	Estuary	Neanthes limnicola	73	Polychaeta
LDW-Y3_IN-ENR+AC-MI-C-MACRO	9/17/2020	Estuary	Hobsonia florida	2	Polychaeta
LDW-Y3_IN-ENR+AC-MI-D-MACRO	9/17/2020	Estuary	Oligochaeta	1	Clitellata
LDW-Y3_IN-ENR+AC-MI-D-MACRO	9/17/2020	Estuary	Coleoptera	1	Insecta
LDW-Y3_IN-ENR+AC-MI-D-MACRO	9/17/2020	Estuary	Diptera	2	Insecta
LDW-Y3_IN-ENR+AC-MI-D-MACRO	9/17/2020	Estuary	Eogammarus confervicolus	2	Malacostraca
LDW-Y3_IN-ENR+AC-MI-D-MACRO	9/17/2020	Estuary	Gnorimosphaeroma oregonensis	3	Malacostraca
LDW-Y3_IN-ENR+AC-MI-D-MACRO	9/17/2020	Estuary	Sinelobus stanfordi	2	Malacostraca
LDW-Y3_IN-ENR+AC-MI-D-MACRO	9/17/2020	Estuary	Neanthes limnicola	1	Polychaeta

Table 12
Benthic Macroinvertebrate Survey Taxonomy Data

SAMPLE_ID	DATE_COL	SAMPTYPE	TAXON_NAME	ABUNDANCE	CLASS
Field Descriptor #2	Sample Collection Date	Benthic Sample Type	Unique Taxon Name	Number of Individuals	Taxonomic Class
LDW-Y3_IN-ENR+AC-MI-E-MACRO	9/17/2020	Estuary	Nematoda	2	
LDW-Y3_IN-ENR+AC-MI-E-MACRO	9/17/2020	Estuary	Oligochaeta	6	Clitellata
LDW-Y3_IN-ENR+AC-MI-E-MACRO	9/17/2020	Estuary	Americorophium spinicorne	4	Malacostraca
LDW-Y3_IN-ENR+AC-MI-E-MACRO	9/17/2020	Estuary	Gnorimosphaeroma oregonensis	1	Malacostraca
LDW-Y3_IN-ENR+AC-MI-E-MACRO	9/17/2020	Estuary	Sinelobus stanfordi	17	Malacostraca
LDW-Y3_IN-ENR+AC-MI-E-MACRO	9/17/2020	Estuary	Neanthes limnicola	2	Polychaeta
LDW-Y3_IN-ENR+AC-MI-E-MACRO	9/17/2020	Estuary	Hobsonia florida	1	Polychaeta

FIGURES



Legend

- Subplot Area Coordinates
- Subplot Area
- Grid Cell
- Sampling Area Buffer

Location Cell

- Composite A
- Composite B
- Composite C
- Composite D
- Composite E
- 10 ft contour
- 5 ft contour
- 1 ft contour
- Navigation Channel
- 1.2 River Mile Markers

Notes:

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

Abbreviations:

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

Location ID
14

Lower Duwamish Waterway Group
Port of Seattle / City of Seattle / King County / The Boeing Company

ENR/AC Pilot Study
Year 3 Data Package
Lower Duwamish Waterway

Figure 1
Subtidal Plot
Discrete Sample Locations

\\corp.fsmseattle.com\shares\Enterprise\GIS\Projects\Wood-KC-ENR\MXD\Project Monitoring and Data Reports\Year 3 Figures\Data Report\Figure 1 Subtidal Plot Discrete Sample Locations.mxd
12/10/2020

Legend

- Subplot Coordinates
- Outfall
- Berthing
- Uplands Tax Parcel
- Subplot Area
- Grid Cells
- Sampling Area Buffer
- Cell Removed From Analysis

Location Cell

- Composite A
- Composite B
- Composite C
- Composite D
- Composite E
- SPME Not Recovered or Useable and Sediment Not Recovered or Not Composited
- Both 0–10 cm and Underlying Material Cores Were Collected
- Depositional Layer Sample Collected
- 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
- Aerial image provided by nearmap, 2017

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

Location Cell ID
11

2154, Port of Seattle

N: 211257.9
E: 1267009.2

N: 211223.5
E: 1267122.2

N: 211168.3
E: 1267138.2

N: 211114.3
E: 1266965

N: 211070.7
E: 1267108.5

N: 210975.3
E: 1266922.8

N: 210932.1
E: 1267065

Grid Cell 1
Grid Cell 2
Grid Cell 3
Grid Cell 4
Grid Cell 5
Grid Cell 6

ENR+AC Downstream Subplot

ENR Upstream Subplot

0 25 50 100
Scale in Feet

Lower Duwamish Waterway Group
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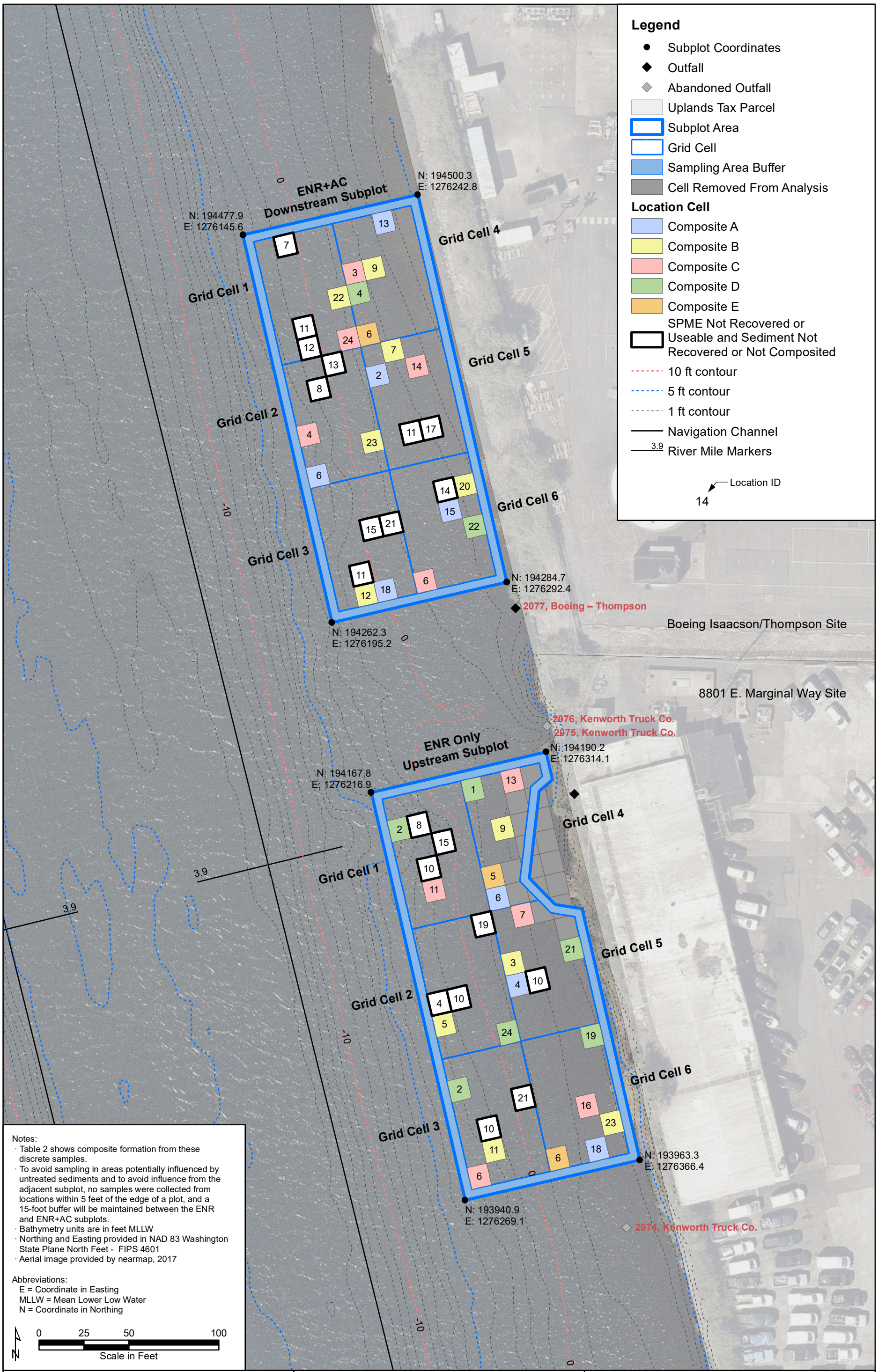
ENR/AC Pilot Study
Year 3 Data Package
Lower Duwamish Waterway

Figure 2
Scour Plot
Discrete Sample Locations

\\corp.fsmseattle.com\shares\Enterprise\GIS\Projects\Wood-KC-ENR\MXD\Project Monitoring and Data Reports\Year 3 Figures\Data Report\Figure 2 Scour Plot Discrete Sample Locations.mxd
12/10/2020



\\corp.fsmseattle.com\shares\Enterprise\GIS\Projects\Wood-KC-ENR\MXD\Project Monitoring and Data Reports\Year 3 Figures\Data Report\Figure 3 Intertidal Plot Discrete Sample Locations.mxd
12/10/2020

Legend

- Subplot Area Coordinates
- Subplot Area
- Grid Cell
- Sampling Area Buffer
- Laboratory Bioaccumulation Study Composite A
- Laboratory Bioaccumulation Study Composite B
- Laboratory Bioaccumulation Study Composite C
- 10 ft contour
- 5 ft contour
- 1 ft contour
- Navigation Channel
- 1.2 River Mile Markers

Notes:
- To avoid sampling in areas potentially influenced by untreated sediments and to avoid influence from the adjacent subplot, no samples will be 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.

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

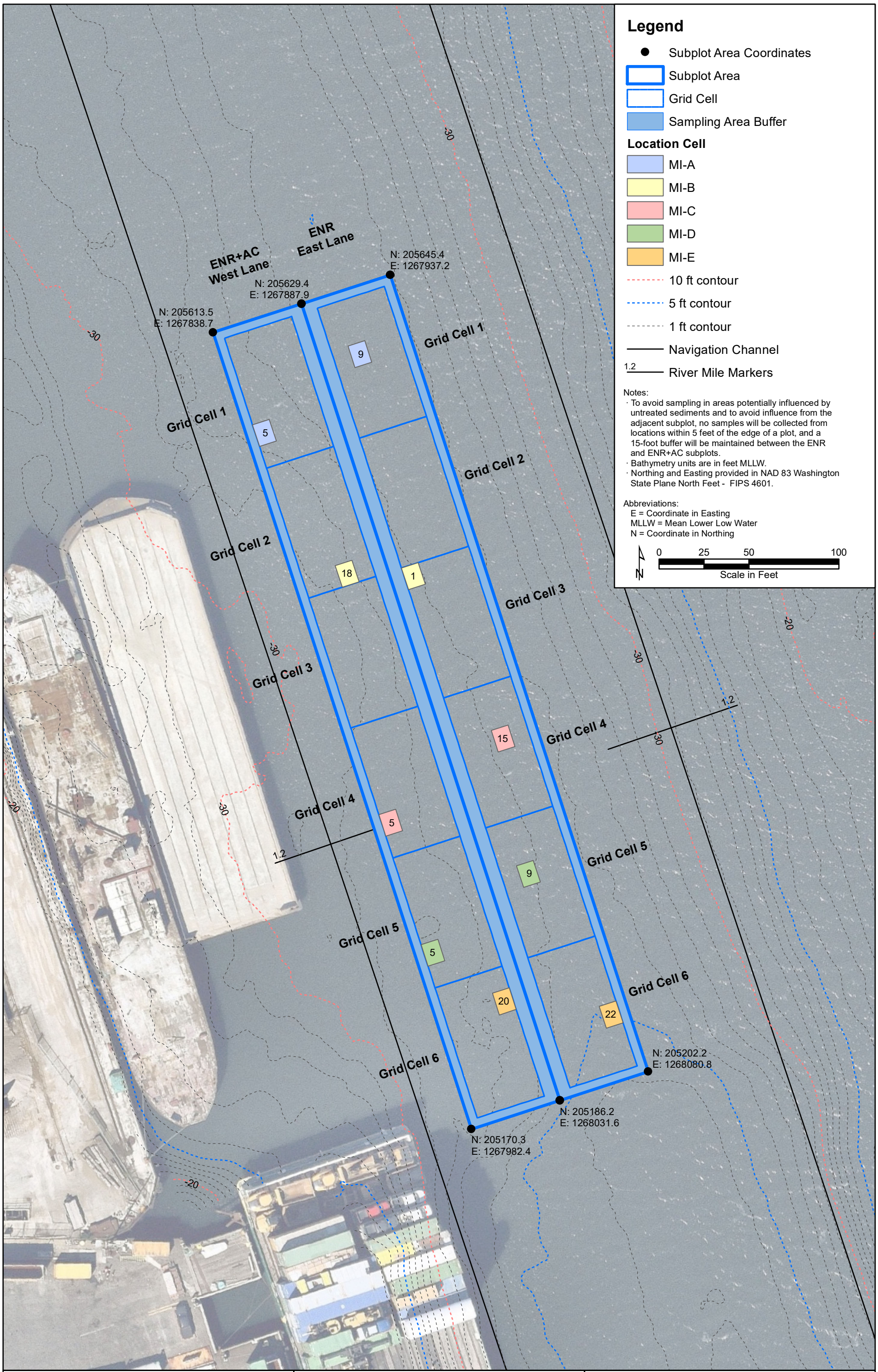
0 25 50 100
Scale in Feet

ENR+AC West Lane
ENR East Lane
Grid Cell 1
Grid Cell 2
Grid Cell 3
Grid Cell 4
Grid Cell 5
Grid Cell 6
N: 205645.4 E: 1267937.2
N: 205629.4 E: 1267887.9
N: 205613.5 E: 1267838.7
N: 205202.2 E: 1268080.8
N: 205186.2 E: 1268031.6
N: 205170.3 E: 1267982.4
30
20
1.2

ENR/AC Pilot Study
Year 3 Data Package
Lower Duwamish Waterway

Figure 4
Subtidal Plot Laboratory Bioaccumulation Study Sample Locations

I:\GIS\Projects\Wood-KC-ENR\MXD\Project Monitoring and Data Reports\Year 3 Figures\Data Report\Figure 4 Subtidal Plot Laboatory Bioaccumulation Study Sample Locations.mxd
1/4/2021



ENR/AC Pilot Study
Year 3 Data Package
Lower Duwamish Waterway

Figure 5
Subtidal Plot Benthic Macroinvertebrate Survey Sample Locations

Lower Duwamish Waterway Group
Port of Seattle / City of Seattle / King County / The Boeing Company

I:\GIS\Projects\Wood-KC-ENR\MXD\Project Monitoring and Data Reports\Year 3 Figures\Data Report\Figure 5 Subtidal Plot Benthic Macroinvertebrate Survey Sample Locations.mxd
1/4/2021

Legend

- Subplot Coordinates
- Uplands Tax Parcel
- Subplot Area
- Grid Cells
- Sampling Area Buffer

Location Cell

- MI-A
- MI-B
- MI-C
- MI-D
- MI-E
- 10 ft contour
- 5 ft contour
- 1 ft contour

Notes:

- To avoid sampling in areas potentially influenced by untreated sediments and to avoid influence from the adjacent subplot, no samples will be 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.

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

N
0 25 50 100
Scale in Feet

2154, Port of Seattle

N: 211257.9
E: 1267009.2

N: 211223.5
E: 1267122.2

N: 211168.3
E: 1267138.2

N: 211114.3
E: 1266965

N: 211070.7
E: 1267108.5

N: 210975.3
E: 1266922.8

N: 210932.1
E: 1267065

Grid Cell 1
Grid Cell 3
Grid Cell 5
Grid Cell 2
Grid Cell 4
Grid Cell 6

ENR+AC Downstream Subplot
ENR Upstream Subplot

11
5
21
12
17
14
5
8
19
5

-20
-10
0
-30

Lower Duwamish Waterway Group
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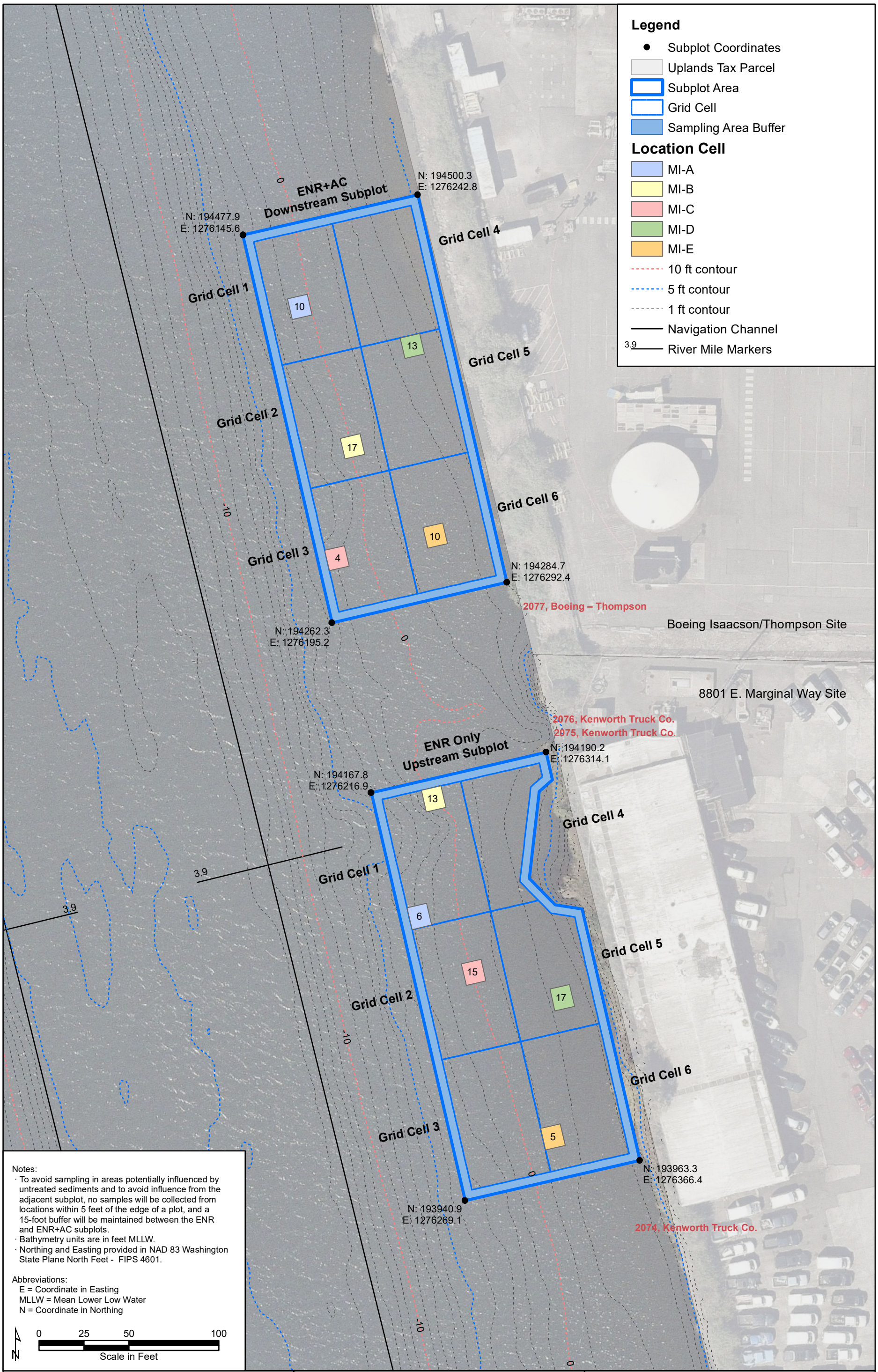
ENR/AC Pilot Study
Year 3 Data Package
Lower Duwamish Waterway

Figure 6
Scour Plot Benthic Macroinvertebrate Survey Sample Locations

I:\GIS\Projects\Wood-KC-ENR\MXD\Project Monitoring and Data Reports\Year 3 Figures\Data Report\Figure 6 Scour Plot Benthic Macroinvertebrate Survey Sample Locations.mxd
1/5/2021



Lower Duwamish Waterway Group
Port of Seattle / City of Seattle / King County / The Boeing Company

ENR/AC Pilot Study
Year 3 Data Package
Lower Duwamish Waterway

Figure 7
Intertidal Plot Benthic Macroinvertebrate Survey Sample Locations

I:\GIS\Projects\Wood-KC-ENR\MXD\Project Monitoring and Data Reports\Year 3 Figures\Data Report\Figure 7 Intertidal Plot Benthic Macroinvertebrate Survey Sample Locations.mxd
1/4/2021

ATTACHMENT

Electronic Data Deliverable - electronic