

Attachment B

Sample-specific Details and Rationale

This attachment provides detailed information regarding sediment sampling locations. The tables included in this attachment are:

- Table B-1 Sample Location Rationale and Analytes
- Table B-2 Sample Location Details
- Table B-3 Vertical Extent Core Profiles
- Table B-4 Summary of Sampling Design by RAL Exceedance Area

Tables B-1 and B-2 provide location-specific details regarding rationale for collection, analytes, and details for sample collection to be used by the field crew. Table B-3 presents the core profiles for the vertical extent samples; the profiles provide details regarding which intervals will be analyzed and archived at each location. Table B-4 presents a summary of the sampling design details by remedial action level (RAL) exceedance area, including key Phase II sampling objectives and area-specific characteristics.

**Table B-1
Sample Location Rationale and Analytes**

Location No. ¹	RM	Area No.	Tidal Category	Sample Type(s)					Recovery Category	In FNC?	Shoaling Area	Potential Vessel Scour Area	Mudline Elevation (feet MLLW) ²	Rationale					Notes	Analytes By Sample Type ⁵		
				0-10 cm	0-45 cm	0-60 cm	Shoal	Vertical Extent						Horizontal Bounding ³	Vertical Extent	Side Slope ⁴	Reoccupation	Other		Surface Sediment Samples (0-10cm)	Subsurface Sediment Samples (0-45 cm, 0-60 cm, or Shoaling Intervals)	Vertical Extent Samples
1300	1.6	-	Subtidal	x					1	No	No	No	-24.1				x		Reoccupy 2023 sample (SS1003; phenol EF of 2.0) and potentially toxicity test pending expedited analytical results.	Phenol	-	-
1301	1.6	-	Subtidal			x		a	1	No	No	Yes	-24.0	x	a			Characterize area with interpolation uncertainty related to locations 1009 and 1014 and near existing pre-PDI cores without RAL interval data.	-	PCBs, PAHs	Archive	
1302	1.7	-	Subtidal			x		a	1	No	No	Yes	-23.9	x	a			Characterize area with interpolation uncertainty related to locations 1009 and 1014 and near existing pre-PDI cores without RAL interval data.	-	PCBs, PAHs	Archive	
1303	1.7	-	Subtidal			x			1	No	No	Yes	-21.2	x				Characterize area with interpolation uncertainty related to locations 1009 and 1014 and near existing pre-PDI cores without RAL interval data.	-	PCBs, PAHs	-	
1304	1.7	-	Subtidal	x					3	Yes	No	No	-31.5				x	Characterize surface sediment between shoals in this area.	Full suite (PCBs, metals, mercury, phthalates, PAHs, other SVOCs)	-	-	
1305	1.7	-	Subtidal	x					2	No	No	No	-26.8				x	Reoccupy 2023 sample (SS1015; phenol EF of 1.3) and potentially toxicity test pending expedited analytical results.	Phenol	-	-	
1306	1.7	-	Subtidal	x					2	No	No	No	-25.8				x	Reoccupy 2023 sample (SS1021; phenol EF of 1.3) and potentially toxicity test pending expedited analytical results.	Phenol	-	-	
1307	1.7	-	Subtidal	x					3	Yes	No	No	-30.8				x	Characterize surface sediment outside of shoals in this area.	Full suite (PCBs, metals, mercury, phthalates, PAHs, other SVOCs)	-	-	
1308	1.7	-	Subtidal	x					1	No	No	No	-26.8				x	Reoccupy 2023 sample (SS1018; phenol EF of 1.4) and potentially toxicity test pending expedited analytical results.	Phenol	-	-	
1309	1.7	32	Subtidal			x		a	1	No	No	Yes	-19.5	x	a				-	PCBs	Archive	
1310	1.7	32	Subtidal			a		x	1	No	No	Yes	-17.0		x			Vertical core at Phase I location 1025.	-	Archive	PCBs	
1311	1.8	32	Subtidal			x			1	No	No	Yes	-13.5	x					-	PCBs	-	
1312	1.8	32	Subtidal			x		a	1	No	No	Yes	-8.9	x	a			Collect sample adjacent to structure to inform RD.	-	PCBs	Archive	
1313	1.8	31	Intertidal	x					3	No	No	No	0.7	x					PCBs	-	-	
1314	1.8	31	Intertidal	x					3	No	No	No	No data	x					PCBs	-	-	
1315	1.8	33	Intertidal	x					3	No	No	No	No data	x					PCBs	-	-	
1316	1.8	33	Intertidal	x					3	No	No	No	-2.4	x					PCBs	-	-	

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				0-10 cm	0-45 cm	0-60 cm	Shoal	Vertical Extent						Horizontal Bounding ³	Vertical Extent	Side Slope ⁴	Reoccupation	Other		Surface Sediment Samples (0-10cm)	Subsurface Sediment Samples (0-45 cm, 0-60 cm, or Shoaling Intervals)	Vertical Extent Samples
1317	1.7	33	Intertidal	x	x			a	3	No	No	No	No data	x	a				Target sample collection in bank area to inform design; exact location will be determined based on sampleability of this area.	PCBs	PCBs	Archive
1318	1.7	33	Intertidal		a			x	3	No	No	No	-0.6		x			Vertical core at Phase I location 1034.	-	Archive	PCBs	
1319	1.7	33	Subtidal	x					3	No	No	Yes	-9.2	x					PCBs	-	-	
1320	1.7	33/34	Subtidal			a		a	3	No	No	Yes	-13.8			a			-	Archive	Archive	
1321	1.7	34	Subtidal			x		a	1	No	No	Yes	-19.0	x	a			Characterize interpolation-only RAL exceedance area.	-	PCBs	Archive	
1322	1.7	-	Subtidal	x					1	No	No	Yes	-15.4				x	Reoccupy 2023 sample (SS1032; phenol EF of 1.0) and potentially toxicity test pending expedited analytical results.	Phenol	-	-	
1323	1.8	28	Subtidal				x	a	3	Yes	Yes	No	-28.5	x	a				-	PCBs	Archive	
1324	1.8	28	Subtidal				a	a	3	Yes	Yes	No	-28.6			a		Vertical core at Phase I location 1038.	-	Archive	Archive	
1325	1.8	28	Subtidal				a	x	3	Yes	Yes	No	-26.7		x			Vertical core at Phase I location 1039.	-	Archive	PCBs	
1326	1.8	28	Subtidal			a		a	3	No	No	Yes	-21.9			a			-	Archive	Archive	
1327	1.8	28	Subtidal				a	a	3	Yes	Yes	No	-25.2			a		Vertical core at Phase I location 1046.	-	Archive	Archive	
1328	1.8	28	Subtidal				a	x	3	Yes	Yes	No	-24.2		x			Vertical core at Phase I location 1047.	-	Archive	PCBs	
1329	1.8	28	Subtidal			a		a	3	No	No	Yes	-16.1			a		Vertical core at Phase I location 1048.	-	Archive	Archive	
1330	1.8	30	Intertidal		x			a	1	No	No	No	-1.0	x	a			IT1323 will be analyzed for dioxin/furan in Tier 2 if PCB and arsenic RALs are not exceeded (and depending on nearby Tier 1 results).	-	PCBs, metals, mercury	Archive	
1331	1.8	30	Subtidal	x					2	No	No	Yes	-11.8	x					PCBs	-	-	
1821	1.8	30	Intertidal	a					3	No	No	No	0.2	a				Sample located under small structure.	Archive	-	-	
1332	1.8	30	Intertidal	x					3	No	No	No	0.2	x					PCBs	-	-	
1333	1.9	-	Subtidal			x			1	No	No	Yes	-20.2	x					-	PCBs, PAHs, phthalates	-	
1334	1.9	28	Subtidal			a		a	3	No	No	Yes	-18.7			a			-	Archive	Archive	
1335	1.9	28	Subtidal				a	x	3	Yes	Yes	No	-24.7		x				-	Archive	PCBs	
1336	1.9	28	Subtidal				a	x	3	Yes	Yes	No	-26.0		x			Vertical core at Phase I location 1053.	-	Archive	PCBs	
1337	1.9	28	Subtidal			a		a	2	No	No	Yes	-17.6			a		Vertical core at Phase I location 1054.	-	Archive	Archive	
1338	1.9	28	Subtidal			a		a	2	No	No	Yes	-17.1			a			-	Archive	Archive	
1339	1.9	28	Subtidal				a	x	3	Yes	Yes	No	-24.5		x			Vertical core at Phase I location 1059.	-	Archive	PCBs	
1340	1.9	28	Subtidal				a	x	3	Yes	Yes	No	-21.7		x			Vertical core at Phase I location 1060.	-	Archive	PCBs	

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Location No. ¹	RM	Area No.	Tidal Category	Sample Type(s)					Recovery Category	In FNC?	Shoaling Area	Potential Vessel Scour Area	Mudline Elevation (feet MLLW) ²	Rationale					Notes	Analytes By Sample Type ⁵		
				0-10 cm	0-45 cm	0-60 cm	Shoal	Vertical Extent						Horizontal Bounding ³	Vertical Extent	Side Slope ⁴	Reoccupation	Other		Surface Sediment Samples (0-10cm)	Subsurface Sediment Samples (0-45 cm, 0-60 cm, or Shoaling Intervals)	Vertical Extent Samples
1341	1.9	28	Subtidal				a	x	3	Yes	Yes	No	-19.8		x				Vertical core at 2012 location LDW08.	-	Archive	PCBs, dioxins/furans
1342	1.9	28	Subtidal			a		a	3	No	No	Yes	-17.3			a				-	Archive	Archive
1343	1.9	28	Subtidal				a	x	3	Yes	Yes	No	-25.5		x				Vertical core at Phase I location 1064.	-	Archive	PCBs, dioxins/furans, mercury
1344	1.9	28	Subtidal				a	x	3	Yes	Yes	No	-22.1		x				Vertical core at Phase I location 1065.	-	Archive	PCBs, dioxins/furans, mercury
1345	2	28	Subtidal			a		a	3	No	No	Yes	-16.0			a				-	Archive	Archive
1346	2	28	Subtidal				a	x	1	Yes	Yes	No	-28.2		x				Vertical core at Phase I location 1070.	-	Archive	PCBs, dioxins/furans, mercury
1347	2	28	Subtidal				a	x	3	Yes	Yes	No	-21.1		x				Vertical core at 2016 location SS6-VC.	-	Archive	PCBs, dioxins/furans, mercury
1348	1.9	28/29	Subtidal			a		a	2	No	No	Yes	-12.9			a				-	Archive	Archive
1349	1.9	-	Subtidal	x					3	No	No	Yes	No data				x		Reoccupy 2023 sample (SS1061; phenol EF of 1.2) and potentially toxicity test pending expedited analytical results.	Phenol	-	-
1350	1.9	29	Subtidal			a		a	3	No	No	Yes	No data				a		Tier 2 core in area around Phase I location 1067 to support RD.	-	Archive	Archive
1351	1.9	29	Intertidal	x	x			a	3	No	No	No	No data	x	a		a		Tier 2 core in area around Phase I location 1067 to support RD.	PCBs	PCBs	Archive
1352	1.9	29	Intertidal	x	x			a	3	No	No	No	No data	x	a		a	Approximate location of 2015 sample RB06-02 without RAL interval data. Tier 2 core in area around Phase I location 1067 to support RD.	PCBs, dioxins/furans	PCBs, dioxins/furans	Archive	
1353	1.9	28/29	Subtidal	x		x		a	2	No	No	Yes	-12.2	x	a	a	a		Tier 2 core in area around Phase I location 1067 to support RD.	PCBs	PCBs	Archive
1354	1.9	29	Subtidal	x		x		a	3	No	No	Yes	No data	x	a		a		Tier 2 core in area around Phase I location 1067 to support RD.	PCBs	PCBs	Archive
1355	1.9	29	Intertidal	x	x			a	3	No	No	No	No data	x	a		a		Tier 2 core in area around Phase I location 1067 to support RD.	PCBs	PCBs	Archive
1356	1.9	28/29	Subtidal	x		x		a	2	No	No	Yes	-11.5	x	a	a	a		Tier 2 core in area around Phase I location 1067 to support RD.	PCBs, dioxins/furans	PCBs	Archive
1357	1.9	29	Subtidal	x		x		a	3	No	No	Yes	No data	x	a		a		Tier 2 core in area around Phase I location 1067 to support RD.	PCBs, dioxins/furans	PCBs	Archive
1358	1.9	29	Intertidal	x	x			a	3	No	No	No	No data	x	a		a		Tier 2 core in area around Phase I location 1067 to support RD.	PCBs	PCBs	Archive
1359	1.9	29	Intertidal	x	x			a	3	No	No	No	No data	x	a		a		Tier 2 core in area around Phase I location 1067 to support RD.	PCBs	PCBs	Archive

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				0-10 cm	0-45 cm	0-60 cm	Shoal	Vertical Extent						Horizontal Bounding ³	Vertical Extent	Side Slope ⁴	Reoccupation	Other		Surface Sediment Samples (0-10cm)	Subsurface Sediment Samples (0-45 cm, 0-60 cm, or Shoaling Intervals)	Vertical Extent Samples
1360	1.9	29	Intertidal	x	x			a	3	No	No	No	No data	x	a			a	Tier 2 core in area around Phase I location 1067 to support RD.	PCBs	PCBs	Archive
1067	1.9	29	Intertidal		x				3	No	No	No	No data	x					Analyze Phase I archive sample (IT1067) for dioxins/furans; no sample collection needed. Sample was analyzed for all other contaminants with RALs during Phase I.	-	Dioxins/furans	-
1361	1.9	29	Intertidal		a			x	3	No	No	No	No data		x				Vertical core at the same location as Phase I sample IT1067; 0-45-cm interval will not be re-analyzed (same as IT1067).	-	Archive	PCBs, dioxins/furans
1362	1.9	29	Intertidal	x	x			a	3	No	No	No	No data	x	a			a	Tier 2 core in area around Phase I location 1067 to support RD.	PCBs	PCBs	Archive
1363	1.9	29	Intertidal	x	x			a	3	No	No	No	No data	x	a			a	Tier 2 core in area around Phase I location 1067 to support RD.	PCBs	PCBs	Archive
1364	1.9	29	Intertidal	x	x			a	3	No	No	No	No data	x	a			a	Tier 2 core in area around Phase I location 1067 to support RD.	PCBs, dioxins/furans	PCBs, dioxins/furans	Archive
1365	1.9	28/29	Subtidal	x		x		a	2	No	No	Yes	-10.9	x	a	a		a	Tier 2 core in area around Phase I location 1067 to support RD.	PCBs	PCBs	Archive
1366	1.9	29	Subtidal	x		x		a	3	No	No	Yes	No data	x	a			a	Tier 2 core in area around Phase I location 1067 to support RD.	PCBs	PCBs	Archive
1367	1.9	29	Intertidal	x	x			a	3	No	No	No	No data	x	a			a	Tier 2 core in area around Phase I location 1067 to support RD.	PCBs	PCBs	Archive
1368	1.9	29	Intertidal	x	x			a	3	No	No	No	No data	x	a			a	Tier 2 core in area around Phase I location 1067 to support RD.	PCBs	PCBs	Archive
1369	1.9	29	Intertidal	x	x			a	3	No	No	No	No data	x	a			a	Tier 2 core in area around Phase I location 1067 to support RD.	PCBs	PCBs	Archive
1370	1.9	29	Intertidal	x	x			a	3	No	No	No	No data	x	a			a	Tier 2 core in area around Phase I location 1067 to support RD.	PCBs	PCBs	Archive
1371	1.9	28/29	Subtidal	x		x		a	2	No	No	Yes	-10.7	x	a	a		a	Tier 2 core in area around Phase I location 1067 to support RD; location is also intended to horizontally bound SS1066.	PCBs	PCBs	Archive
1372	1.9	29	Subtidal			a		x	3	No	No	Yes	No data		x				Vertical core at Phase I location 1066.	-	Archive	PCBs
1373	1.9	29	Intertidal	x	x			a	3	No	No	No	No data	x	a			a	Tier 2 core in area around Phase I location 1067 to support RD.	PCBs, dioxins/furans, phthalates	PCBs, dioxins/furans	Archive
1374	1.9	29	Intertidal	x	x			a	3	No	No	No	5.1	x	a			a	Tier 2 core in area around Phase I location 1067 to support RD. Target sample collection in bank area to inform design; exact location will be determined based on sampleability of this area.	PCBs, phthalates	PCBs	Archive
1375	1.9	29	Subtidal	x					3	No	No	Yes	-9.9	x						PCBs	-	-
1376	1.9	29	Intertidal	x	x			a	3	No	No	No	-2.0	x	a			a	Tier 2 core in area around Phase I location 1067 to support RD. Location placed to ensure 20-foot buffer around Georgetown WWTS diffuser pipe under the First Ave S Bridge.	PCBs, dioxins/furans, phthalates	PCBs, dioxins/furans	Archive
1377	1.9	29	Intertidal	x	x			a	3	No	No	No	No data	x	a			a	Tier 2 core in area around Phase I location 1067 to support RD. Target sample collection in bank area to inform design; exact location will be determined based on sampleability of this area. Location placed to ensure 20-foot buffer around the Georgetown WWTS diffuser pipe under the First Ave S Bridge.	PCBs, phthalates	PCBs	Archive

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Location No. ¹	RM	Area No.	Tidal Category	Sample Type(s)					Recovery Category	In FNC?	Shoaling Area	Potential Vessel Scour Area	Mudline Elevation (feet MLLW) ²	Rationale					Notes	Analytes By Sample Type ⁵		
				0-10 cm	0-45 cm	0-60 cm	Shoal	Vertical Extent						Horizontal Bounding ³	Vertical Extent	Side Slope ⁴	Reoccupation	Other		Surface Sediment Samples (0-10cm)	Subsurface Sediment Samples (0-45 cm, 0-60 cm, or Shoaling Intervals)	Vertical Extent Samples
1378	2	29	Intertidal		x			a	3	No	No	No	No data	x	a			a	Tier 2 core in area around Phase I location 1067 to support RD. Location placed to ensure 20-foot buffer around the Georgetown WWTS diffuser pipe under the First Ave S Bridge.	-	PCBs, dioxins/furans	Archive
1379	2	26	Intertidal	x					3	No	No	No	-3.1				x		Reoccupy 2011 sample (LDW-SS2506-D; BEHP EF of 4.3) and potentially toxicity test pending expedited analytical results.	Full suite (PCBs, metals, mercury, phthalates, PAHs, other SVOCs)	-	-
1380	2	26	Intertidal	x					3	No	No	No	-2.7				x		Reoccupy 2011 sample (LDW-SS2506-A; BEHP EF of 1.4) and potentially toxicity test pending expedited analytical results.	Full suite (PCBs, metals, mercury, phthalates, PAHs, other SVOCs)	-	-
1381	2	26	Subtidal	a					3	No	No	Yes	-8.3	a						Archive	-	-
1382	2	28	Subtidal			a		x	1	Yes	No	No	-27.0		x				Vertical core at Phase I location 1074.	-	Archive	PCBs, mercury
1383	2	28	Subtidal			a		x	1	Yes	No	No	-28.0		x				Vertical core at Phase I location 1075.	-	Archive	PCBs, mercury
1384	2.1	28	Subtidal			a		x	1	Yes	No	No	-24.6		x				Vertical core at Phase I location 1082.	-	Archive	PCBs, mercury
1385	2.1	28	Subtidal			a		x	1	Yes	No	No	-27.1		x				Vertical core at Phase I location 1083.	-	Archive	PCBs, mercury
1386	2.1	28	Subtidal			a		x	1	No	No	No	-21.1		x				Vertical core at Phase I location 1084.	-	Archive	PCBs, mercury
1387	2.1	28	Subtidal			x		a	1	Yes	No	No	-27.1	x	a					-	PCBs, metals, mercury	Archive
1388	2.1	28	Subtidal			x		a	1	No	No	No	-22.9	x	a					-	PCBs, metals, mercury	Archive
1389	2	27	Intertidal	x	x				3	No	No	No	No data	x						PCBs, phthalates	PCBs	-
1390	2	27	Subtidal			a		x	3	No	No	Yes	-6.9		x				Vertical core at Phase I location 1077.	-	Archive	PCBs, phthalates
1391	2	27	Subtidal	x					3	No	No	Yes	-10.1	x						PCBs, phthalates	-	-
1392	2.1	-	Subtidal	x					2	No	No	Yes	-13.0				x		Reoccupy 2023 sample (SS1103; phenol EF of 1.8) and potentially toxicity test pending expedited analytical results.	Phenol	-	-
1393	2.1	-	Subtidal	x					2	No	No	Yes	-15.4				x		Reoccupy 2023 sample (SS1107; phenol EF of 1.8) and potentially toxicity test pending expedited analytical results.	Phenol	-	-
1394	2.1	-	Subtidal	x					2	No	No	Yes	-13.8				x		Reoccupy 2023 sample (SS1104; phenol EF of 2.0) and potentially toxicity test pending expedited analytical results.	Phenol	-	-
1395	2.1	25	Subtidal	a					3	No	No	Yes	-13.8	a						Archive	-	-
1396	2.1	25	Subtidal	x					2	No	No	Yes	-13.5				x		Reoccupy 2023 sample location (SS1100; phenol EF of 1.7 and zinc EF of 1.5) and conduct toxicity test.	None (toxicity test)	-	-
1397	2.1	25	Subtidal	a					2	No	No	Yes	-12.9	a						Archive	-	-

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				0-10 cm	0-45 cm	0-60 cm	Shoal	Vertical Extent						Horizontal Bounding ³	Vertical Extent	Side Slope ⁴	Reoccupation	Other		Surface Sediment Samples (0-10cm)	Subsurface Sediment Samples (0-45 cm, 0-60 cm, or Shoaling Intervals)	Vertical Extent Samples
1398	2.1	-	Subtidal	x				2	No	No	Yes	-12.1				x		Reoccupy 2023 sample (SS1096; phenol EF of 1.3) and potentially toxicity test pending expedited analytical results.	Phenol	-	-	
1399	2.1	-	Subtidal	x		a		2	No	No	Yes	-12.1	x					Sample intended to characterize conditions adjacent to Talon shoreline stabilization project that was completed in early 2024.	PCBs, dioxins/furans	Archive	-	
1400	2.1	-	Subtidal	x				2	No	No	Yes	-12.7				x		Reoccupy 2023 sample (SS1105; phenol EF of 2.1) and potentially toxicity test pending expedited analytical results.	Phenol	-	-	
1401	2.2	24	Subtidal	x		a		2	No	No	Yes	-8.3	x						Full suite (PCBs, metals, mercury, phthalates, PAHs, other SVOCs)	Archive	-	
1402	2.2	24	Intertidal	x	x		a	2	No	No	No	No data	x	a				Sample intended to characterize conditions adjacent to 2011 Ecology bank sample location.	Full suite (PCBs, metals, mercury, phthalates, PAHs, other SVOCs), dioxins/furans	PCBs, dioxins/furans, arsenic, PAHs	Archive	
1822	2.1	23	Subtidal	a				3	No	No	Yes	-9.2	a					Under-structure sample	Archive	-	-	
1823	2.1	23	Subtidal	x		a		3	No	No	Yes	-8.8	x					Under-structure sample	PCBs	Archive	-	
1824	2.2	23	Subtidal	x		a		3	No	No	Yes	-6.4	x					Under-structure sample	PCBs	Archive	-	
1825	2.2	23	Subtidal	a				3	No	No	Yes	-5.0	a					Under-structure sample	Archive	-	-	
1403	2.1	21	Intertidal	x				3	No	No	No	2.4	x						PCBs	-	-	
1404	2.1	21	Intertidal	x				3	No	No	No	0.0	x						PCBs	-	-	
1405	2.1	17	Subtidal			a	a	3	No	No	Yes	-13.0				a			-	Archive	Archive	
1406	2.1	17	Subtidal				a	x	3	Yes	Yes	No	-17.5			x			Vertical core at Phase I location 1091.	-	Archive	PCBs
1407	2.1	28	Subtidal			x		3	Yes	No	No	-26.6	x					The Recovery Category 1 area will be extended south to encompass this location in the Phase II DER.	-	PCBs, metals, mercury	-	
1408	2.1	17	Subtidal			a	a	3	No	No	Yes	-15.2				a			-	Archive	Archive	
1409	2.1	17	Subtidal				a	x	3	Yes	Yes	No	-18.2			x			Vertical core at Phase I location 1109.	-	Archive	PCBs
1410	2.1	-	Subtidal	x				2	No	No	Yes	-17.1				x		Reoccupy 2023 sample (SS1111; phenol EF of 1.2) and potentially toxicity test pending expedited analytical results.	Phenol	-	-	
1411	2.1	21	Intertidal	x	x			a	3	No	No	No	-1.5	x	a				PCBs	PCBs	Archive	
1412	2.2	21	Intertidal	x				3	No	No	No	No data	x					Sample collection targeted in bank area to inform design; exact location will be determined based on sampleability of this area.	PCBs	-	-	
1413	2.2	21	Intertidal		a			x	3	No	No	No	-1.5		x				Vertical core at Phase I location 1114.	-	Archive	PCBs

**Table B-1
Sample Location Rationale and Analytes**

Location No. ¹	RM	Area No.	Tidal Category	Sample Type(s)					Recovery Category	In FNC?	Shoaling Area	Potential Vessel Scour Area	Mudline Elevation (feet MLLW) ²	Rationale					Notes	Analytes By Sample Type ⁵		
				0-10 cm	0-45 cm	0-60 cm	Shoal	Vertical Extent						Horizontal Bounding ³	Vertical Extent	Side Slope ⁴	Reoccupation	Other		Surface Sediment Samples (0-10cm)	Subsurface Sediment Samples (0-45 cm, 0-60 cm, or Shoaling Intervals)	Vertical Extent Samples
1414	2.2	17	Subtidal			a		a	3	No	No	Yes	-12.0			a				-	Archive	Archive
1415	2.2	17	Subtidal			a		a	3	No	No	Yes	-15.9			a				-	Archive	Archive
1416	2.2	17	Subtidal				a	x	3	Yes	Yes	No	-18.6		x			Vertical core at 2012 location LDW09.	-	Archive	PCBs	
1417	2.1	21	Intertidal	x					3	No	No	No	No data	x				Sample collection targeted in bank area to inform design; exact location will be determined based on sampleability of this area.	PCBs	-	-	
1418	2.2	21	Intertidal		a			x	3	No	No	No	-2.7		x			Vertical core at Phase I location 1120.	-	Archive	PCBs	
1419	2.2	17	Subtidal			a		a	3	No	No	Yes	-8.9			a			-	Archive	Archive	
1420	2.2	17	Subtidal			a		a	3	No	No	Yes	-13.8			a			-	Archive	Archive	
1421	2.2	17	Subtidal				a	x	3	Yes	Yes	No	-17.1		x			Vertical core at Phase I location 1123.	-	Archive	PCBs, mercury	
1422	2.2	-	Subtidal			x		a	3	Yes	No	No	-22.7				a	Location to characterize non-shoaled portion of the FNC. Analysis of samples from this core will be based on adjacent verticals and information needed for design	-	PCBs	Archive	
1423	2.2	18/19/22	Subtidal			a		a	3	No	No	Yes	-16.0			a		Tier 2 core to support RD.	-	Archive	Archive	
1424	2.2	18/19/22	Subtidal			a		x	1	No	No	Yes	-18.4		x				-	Archive	PCBs	
1125	2.2	18/19/22	Subtidal			x			1	No	No	Yes	-14.7				x	Analyze Phase I archive for other ROD benthic COCs, given change to Recovery Category 1 (only analyzed for PCBs in Phase I).	-	ROD benthic COCs (other than PCBs)	-	
1425	2.2	18/19/22	Subtidal			a		x	1	No	No	Yes	-9.0		x				-	Archive	PCBs	
1426	2.2	21	Intertidal		a			x	3	No	No	No	-0.1		x			Vertical core at Phase I location 1121.	-	Archive	PCBs	
1427	2.2	20/21	Intertidal	x	x			a	2	No	No	No	5.9	x	a			Sample collection targeted in bank area to inform design; exact location will be determined based on sampleability of this area.	PCBs, metals, mercury	PCBs	Archive	
1428	2.2	20/21	Intertidal		a			x	2	No	No	No	-2.6		x				-	Archive	PCBs, mercury	
1429	2.2	17	Subtidal			a		a	2	No	No	Yes	-9.8			a			-	Archive	Archive	
1430	2.2	17	Subtidal			a		a	2	No	No	Yes	-15.5			a			-	Archive	Archive	
1431	2.2	17	Subtidal				a	x	3	Yes	Yes	No	-17.5		x			Vertical core at Phase I location 1130.	-	Archive	PCBs, mercury	
1432	2.2	18/19/22	Subtidal			a		x	1	No	No	Yes	-17.3		x				-	Archive	PCBs	

**Table B-1
Sample Location Rationale and Analytes**

Location No. ¹	RM	Area No.	Tidal Category	Sample Type(s)					Recovery Category	In FNC?	Shoaling Area	Potential Vessel Scour Area	Mudline Elevation (feet MLLW) ²	Rationale					Notes	Analytes By Sample Type ⁵		
				0-10 cm	0-45 cm	0-60 cm	Shoal	Vertical Extent						Horizontal Bounding ³	Vertical Extent	Side Slope ⁴	Reoccupation	Other		Surface Sediment Samples (0-10cm)	Subsurface Sediment Samples (0-45 cm, 0-60 cm, or Shoaling Intervals)	Vertical Extent Samples
1132	2.2	18/19/22	Subtidal			x			1	No	No	Yes	-13.2					x	Analyze Phase I archive for other ROD benthic COCs, given change to Recovery Category 1 (only analyzed for PCBs in Phase I).	-	ROD benthic COCs (other than PCBs), dioxins/furans	-
1433	2.2	18/19/22	Subtidal			a		x	1	No	No	Yes	-6.9		x					-	Archive	PCBs
1434	2.3	20/21	Intertidal	x	x			x	2	No	No	No	-0.4	x	x					PCBs, metals, mercury	PCBs	PCBs
1435	2.3	17	Subtidal			a		a	2	No	No	Yes	-7.9	a				a	Tier 2 core to support RD.	-	Archive	Archive
1436	2.3	16	Intertidal	x					2	No	No	No	-0.9	x						PCBs	-	-
1437	2.3	16	Intertidal		a			x	2	No	No	No	-1.4		x				Vertical core at Phase I location 1136.	-	Archive	PCBs
1438	2.3	17	Subtidal			a		a	2	No	No	Yes	-10.1			x				-	Archive	Archive
1439	2.3	17	Subtidal				a	x	3	Yes	Yes	No	-15.6		x				Vertical core at Phase I location 1137.	-	Archive	PCBs, mercury
1440	2.3	-	Subtidal			x		a	3	Yes	No	No	-21.8					a	Location to characterize non-shoaled portion of the FNC. Analysis of samples from this core will be based on adjacent verticals and information needed for design.	-	PCBs	Archive
1441	2.3	18/19/22	Subtidal			a		x	1	No	No	Yes	-16.4		x					-	Archive	PCBs
1139	2.3	18/19/22	Subtidal			x			1	No	No	Yes	-12.5					x	Analyze Phase I archive for other ROD benthic COCs, given change to Recovery Category 1 (only analyzed for PCBs in Phase I).	-	ROD benthic COCs (other than PCBs)	-
1442	2.3	18/19/22	Subtidal			a		x	1	No	No	Yes	-7.0		x					-	Archive	PCBs
1443	2.3	18/19/22	Intertidal		x			a	3	No	No	No	-2.5	x	a				Evaluate subsurface sediment at location with 0-10-cm exceedance.	-	PCBs, PAHs	Archive
1444	2.3	16	Intertidal	x	x				3	No	No	No	No data	x					Sample intended to characterize conditions adjacent to 2011 Ecology bank sample location.	PCBs, dioxins/furans	PCBs, dioxins/furans	-
1445	2.3	16	Subtidal	x					3	No	No	Yes	-9.4	x						PCBs	-	-
1446	2.3	16	Intertidal	x					3	No	No	No	2.8	x					Sample intended to characterize conditions adjacent to 2011 Ecology bank sample location.	PCBs, dioxins/furans	-	-
1447	2.3	16	Intertidal	x	x			a	3	No	No	No	No data	x	a				Target sample collection in bank area to inform design; exact location will be determined based on sampleability of this area.	PCBs, dioxins/furans	PCBs	Archive
1448	2.3	16	Intertidal		a			x	2	No	No	No	-0.3		x				Vertical core at Phase I location 1142.	-	Archive	PCBs
1449	2.3	16	Intertidal	x	x			a	3	No	No	No	No data	x	a				Tier 2 core to support RD.	PCBs	PCBs	Archive

**Table B-1
Sample Location Rationale and Analytes**

Location No. ¹	RM	Area No.	Tidal Category	Sample Type(s)					Recovery Category	In FNC?	Shoaling Area	Potential Vessel Scour Area	Mudline Elevation (feet MLLW) ²	Rationale					Notes	Analytes By Sample Type ⁵		
				0-10 cm	0-45 cm	0-60 cm	Shoal	Vertical Extent						Horizontal Bounding ³	Vertical Extent	Side Slope ⁴	Reoccupation	Other		Surface Sediment Samples (0-10cm)	Subsurface Sediment Samples (0-45 cm, 0-60 cm, or Shoaling Intervals)	Vertical Extent Samples
1450	2.3	16	Subtidal	x		a		a	2	No	No	Yes	-7.9	x	a	a				PCBs	Archive	Archive
1451	2.3	17	Subtidal				a	x	3	Yes	Yes	No	-14.5		x			Vertical core at Phase I location 1143.	-	Archive	PCBs	
1145	2.3	18/19/22	Subtidal			x			1	No	No	Yes	-14.4				x	Analyze Phase I archive for other ROD benthic COCs, given change to Recovery Category 1 (only analyzed for PCBs in Phase I).	-	ROD benthic COCs (other than PCBs)	-	
1452	2.3	18/19/22	Subtidal			a		x	1	No	No	Yes	-14.4		x			Vertical core at Phase I location 1145.	-	Archive	PCBs	
1453	2.3	18/19/22	Subtidal			x		a	1	No	No	Yes	-16.0	x	a				-	PCBs	Archive	
1454	2.3	16	Intertidal	x	x			a	3	No	No	No	No data	x	a			Target sample collection in bank area to inform design; exact location will be determined based on sampleability of this area.	PCBs	PCBs	Archive	
1455	2.3	16	Intertidal	x	x			a	2	No	No	No	-0.7	x	a			Tier 2 core to support RD.	PCBs	PCBs	Archive	
1456	2.4	16	Intertidal	x	x			a	3	No	No	No	No data	x	a			Target sample collection in bank area to inform design; exact location will be determined based on sampleability of this area.	PCBs	PCBs	Archive	
1457	2.4	16	Intertidal		a			x	3	No	No	No	No data		x			Vertical core at Phase I location 1147.	-	Archive	PCBs	
1458	2.4	16	Intertidal	x	a			a	2	No	No	No	-1.5	x		a			PCBs	Archive	Archive	
1459	2.4	17	Subtidal			a		a	1	No	No	Yes	-12.1	a		a			-	Archive	Archive	
1460	2.4	17	Subtidal				a	x	3	Yes	Yes	No	-16.7		x				-	Archive	PCBs	
1461	2.4	16	Intertidal	x					3	No	No	No	2.9	x					PCBs	-	-	
1462	2.4	16	Intertidal	x	x				1	No	No	No	-1.7	x					PCBs	PCBs	-	
1463	2.4	16	Intertidal	x	x			a	3	No	No	No	1.2	x	a				PCBs	PCBs	Archive	
1464	2.4	16	Subtidal	a		a			1	No	No	Yes	-6.5	a					Archive	Archive	-	
1465	2.4	17	Subtidal			x		a	1	No	No	Yes	-15.3	x	a	a			-	PCBs	Archive	
1466	2.4	17	Subtidal				x	a	3	Yes	Yes	No	-18.5	x	a				-	PCBs	Archive	
1467	2.4	-	Intertidal		x				3	No	No	No	-3.4	x				Target sample collection in intertidal area. If this area is not sampleable, a subtidal 0-60-cm sample will be collected in the adjacent Recovery Category 1 area.	-	PCBs, arsenic	-	
1468	2.4	15	Subtidal			x		a	1	No	No	Yes	-5.0		a		x	Reoccupy 2006 subsurface sample (LDW-SC41; PCB EF of 1.1) in depositional area (> 2 feet of material from 2003 to 2021).	-	PCBs, dioxins/furans, metals, mercury	Archive	
1469	2.4	15	Intertidal	x	x			a	3	No	No	No	-1.6	x	a				PCBs, phthalates, metals, mercury	PCBs, dioxins/furans	Archive	

**Table B-1
Sample Location Rationale and Analytes**

Location No. ¹	RM	Area No.	Tidal Category	Sample Type(s)					Recovery Category	In FNC?	Shoaling Area	Potential Vessel Scour Area	Mudline Elevation (feet MLLW) ²	Rationale					Notes	Analytes By Sample Type ⁵		
				0-10 cm	0-45 cm	0-60 cm	Shoal	Vertical Extent						Horizontal Bounding ³	Vertical Extent	Side Slope ⁴	Reoccupation	Other		Surface Sediment Samples (0-10cm)	Subsurface Sediment Samples (0-45 cm, 0-60 cm, or Shoaling Intervals)	Vertical Extent Samples
1470	2.4	15	Intertidal		a			x	1	No	No	No	-3.6		x			Vertical core at Phase I location 1160.	-	Archive	PCBs, dioxins/furans, phthalates	
1471	2.4	-	Subtidal	x					1	No	No	Yes	-15.2				x	Reoccupy 2023 sample (SS1151; phenol EF of 1.5) and potentially toxicity test pending expedited analytical results.	Phenol	-	-	
1472	2.4	-	Subtidal	x					1	No	No	Yes	-15.8				x	Reoccupy 2023 sample location (SS1158; phenol EF of 1.5) and potentially toxicity test pending expedited analytical results.	Phenol	-	-	
1826	2.4	14	Intertidal	a					3	No	No	No	-1.4	a				Under-structure sample	Archive	-	-	
1473	2.4	14	Subtidal	a					1	No	No	Yes	-10.6	a					Archive	-	-	
1827	2.4	14	Intertidal	x					3	No	No	No	-3.2				x	Under-structure sample; reoccupy 2023 sample location (SS1813; PAH EFs up to 4.1) and conduct toxicity test.	None (toxicity test)	-	-	
1474	2.4	-	Subtidal	x					1	No	No	Yes	-16.3				x	Reoccupy 2023 sample location (SS1164; phenol EF of 1.7) and potentially toxicity test pending expedited analytical results.	Phenol	-	-	
1165	2.4	-	Subtidal			x			1	No	No	Yes	-9.4				x	Analyze Phase I archive (SC1156) to evaluate dioxins/furans adjacent to former outfall; no sample collection needed. Sample was analyzed for all other contaminants with RALs during Phase I.	-	Dioxins/furans	-	
1475	2.5	13	Subtidal	x					3	Yes	No	No	-20.4	x					PCBs	-	-	
1476	2.5	13	Subtidal	x		x		a	1	No	No	No	-19.6	x	a			To minimize sediment waste in this area, the 0-10-cm sample will be collected out of the core (a second short core will be collected if needed for sufficient volume).	PCBs	PCBs	Archive	
1477	2.5	13	Subtidal	x		x			1	No	No	Yes	-15.4	x				To minimize sediment waste in this area, the 0-10-cm sample will be collected out of the core (a second short core will be collected if needed for sufficient volume).	PCBs	PCBs	-	
1478	2.5	13	Subtidal	x		x			1	No	No	No	-20.2	x				To minimize sediment waste in this area, the 0-10-cm sample will be collected out of the core (a second short core will be collected if needed for sufficient volume).	PCBs	PCBs	-	
1479	2.5	13	Subtidal	a		a		x	1	No	No	No	-19.7		x			Vertical core at Phase I location 1171. Also collect archive surface sediment sample to understand variability in PCBs in this area (sample is NOT intended to override 2023 sample results). To minimize sediment waste in this area, the 0-10-cm sample will be collected out of the core (a second short core will be collected if needed for sufficient volume).	Archive	Archive	PCBs	

**Table B-1
Sample Location Rationale and Analytes**

Location No. ¹	RM	Area No.	Tidal Category	Sample Type(s)					Recovery Category	In FNC?	Shoaling Area	Potential Vessel Scour Area	Mudline Elevation (feet MLLW) ²	Rationale					Notes	Analytes By Sample Type ⁵		
				0-10 cm	0-45 cm	0-60 cm	Shoal	Vertical Extent						Horizontal Bounding ³	Vertical Extent	Side Slope ⁴	Reoccupation	Other		Surface Sediment Samples (0-10cm)	Subsurface Sediment Samples (0-45 cm, 0-60 cm, or Shoaling Intervals)	Vertical Extent Samples
1480	2.5	13	Subtidal	x		x			1	No	No	Yes	-14.3	x					To minimize sediment waste in this area, the 0-10-cm sample will be collected out of the core (a second short core will be collected if needed for sufficient volume).	PCBs	PCBs	-
1481	2.5	-	Subtidal	x					1	No	No	Yes	-9.9				x		Reoccupy 2023 sample location (SS1173; phenol EF of 1.1) and potentially toxicity test pending expedited analytical results.	Phenol	-	-
1482	2.5	10/13	Subtidal	x			x	a	3	Yes	Yes	No	-18.6	x	a	a				PCBs	PCBs	Archive
1483	2.5	13	Subtidal	x		x		a	1	No	No	Yes	-16.8	x	a				To minimize sediment waste in this area, the 0-10-cm sample will be collected out of the core (a second short core will be collected if needed for sufficient volume).	PCBs	PCBs	Archive
1484	2.5	11	Subtidal	x					1	No	No	Yes	-10.6				x		Reoccupy 2023 sample (SS1174; BBP EF of 1.4) and conduct toxicity test.	None (toxicity test)	-	-
1485	2.5	12	Intertidal	x	x			a	3	No	No	No	No data	x	a				Target sample collection in bank area to inform design; exact location will be determined based on sampleability of this area.	PCBs, dioxins/furans	PCBs, dioxins/furans	Archive
1486	2.5	12	Intertidal		a			x	3	No	No	No	0.7		x				Evaluate subsurface sediment at location with 0-10-cm exceedance.	-	Archive	PCBs, dioxins/furans
1487	2.5	12	Subtidal	x					3	No	No	Yes	-7.6	x						Dioxins/furans	-	-
1488	2.5	10	Subtidal				a	a	3	Yes	Yes	No	-13.9				a			-	Archive	Archive
1489	2.5	10	Subtidal				a	x	3	Yes	Yes	No	-17.9		x					-	Archive	PCBs
1490	2.5	10	Subtidal			a		x	1	No	No	Yes	-17.5		x				Vertical core at Phase I location 1178.	-	Archive	PCBs
1491	2.5	10	Subtidal			a		a	2	No	No	Yes	-8.7				a			-	Archive	Archive
1183	2.5	10	Subtidal				x		2	Yes	Yes	No	-11.0		x				Analyze Phase I archive z-layer sample (SC1183E) for vertical bounding; no sample collection needed.	-	PCBs	-
1492	2.5	10	Subtidal				x	a	3	Yes	Yes	No	-19.2	x	a					-	PCBs	Archive
1493	2.5	10	Subtidal			x		a	1	No	No	No	-19.2	x	a	a				-	PCBs	Archive
1494	2.5	11	Subtidal	x		x		a	1	No	No	Yes	-8.1		a		x		Surface: Reoccupy 2023 sample (SS1188; phenol EF of 1.1) and potentially conduct toxicity test pending expedited analytical results. Subsurface: Reoccupy 2023 sample (SC1188; HCB EF of 3.2) and conduct toxicity test.	Phenol	None (toxicity test)	Archive
1495	2.6	11	Subtidal			x		a	1	No	No	Yes	-6.1		a		x		Reoccupy 2023 sample (SC1186; fluoranthene EF of 2.4) and conduct toxicity test.	-	None (toxicity test)	Archive

**Table B-1
Sample Location Rationale and Analytes**

Location No. ¹	RM	Area No.	Tidal Category	Sample Type(s)					Recovery Category	In FNC?	Shoaling Area	Potential Vessel Scour Area	Mudline Elevation (feet MLLW) ²	Rationale					Notes	Analytes By Sample Type ⁵		
				0-10 cm	0-45 cm	0-60 cm	Shoal	Vertical Extent						Horizontal Bounding ³	Vertical Extent	Side Slope ⁴	Reoccupation	Other		Surface Sediment Samples (0-10cm)	Subsurface Sediment Samples (0-45 cm, 0-60 cm, or Shoaling Intervals)	Vertical Extent Samples
1496	2.6	11	Intertidal	x					3	No	No	No	2.8	x					Sample intended to characterize conditions adjacent to 2011 Ecology bank sample location.	Full suite (PCBs, metals, mercury, phthalates, PAHs, other SVOCs)	-	-
1497	2.6	11	Subtidal	x					1	No	No	Yes	-5.8				x		Reoccupy two 2011 sample locations (LDW-SS2037-D and LDW-SS2037-A with benzoic acid EFs of 1.5 and 1.4) and potentially toxicity test pending expedited analytical results. These 2011 sampling locations are approximately 12 feet apart, so a single sample will be collected at the midpoint between the two sampling locations.	Full suite (PCBs, metals, mercury, phthalates, PAHs, other SVOCs)	-	-
1498	2.6	11	Intertidal	x	x				3	No	No	No	1.4	x					Sample intended to characterize conditions adjacent to 2011 Ecology bank sample location.	Full suite (PCBs, metals, mercury, phthalates, PAHs, other SVOCs)	PCBs, arsenic, PAHs	-
1499	2.6	11	Intertidal		x				3	No	No	No	-0.6	x						-	PCBs, arsenic, PAHs	-
1500	2.6	-	Subtidal			a			1	No	No	Yes	-17.1	a						-	Archive	-
1501	2.5	10	Subtidal				x		3	Yes	Yes	No	-11.4	x						-	PCBs	-
1502	2.6	10	Subtidal				x		3	Yes	Yes	No	-16.4	x						-	PCBs	-
1503	2.6	10	Subtidal				a	x	3	Yes	Yes	No	-17.7		x					-	Archive	PCBs
1504	2.6	-	Intertidal		x				3	No	No	No	0.4	x					Collect sample just upstream of barge in intertidal area.	-	PCBs	-
1505	2.6	10	Intertidal		x			a	3	No	No	No	-2.9	x		a			Characterize area with subsurface interpolation uncertainty related to location 1190.	-	PCBs	Archive
1506	2.6	9	Intertidal	a					3	No	No	No	No data	a					Sample intended to characterize conditions at base of bank (within riprap)	Archive		
1196	2.6	9	Intertidal	x					3	No	No	No	1.2				x		Analyze Phase I archive (SS1196), which reoccupied a 2014 sample location (Pilot8A-SS2; PCB EF of 1.2); no sample collection needed.	PCBs, metals, mercury, PAHs	-	-
1507	2.6	10	Subtidal			x		a	1	No	No	Yes	-16.1	x	a	a				-	PCBs	Archive
1508	2.6	9	Intertidal		x			a	1	No	No	No	-3.0		a		x		Reoccupy 2014 sample location (LDW-PILOT8A-SC1; PCB EF of 5.8) in or directly adjacent to an area with > 1.5 feet of deepening.	-	PCBs, metals, mercury, PAHs	Archive
1509	2.6	10	Subtidal			a		a	3	No	No	Yes	-10.9			a				-	Archive	Archive
1510	2.6	10	Subtidal				a	x	3	Yes	Yes	No	-16.2		x					-	Archive	PCBs
1511	2.6	10	Subtidal				a	x	3	Yes	Yes	No	-19.3		x				Vertical core at Phase I location 1191.	-	Archive	PCBs

**Table B-1
Sample Location Rationale and Analytes**

Location No. ¹	RM	Area No.	Tidal Category	Sample Type(s)					Recovery Category	In FNC?	Shoaling Area	Potential Vessel Scour Area	Mudline Elevation (feet MLLW) ²	Rationale					Notes	Analytes By Sample Type ⁵		
				0-10 cm	0-45 cm	0-60 cm	Shoal	Vertical Extent						Horizontal Bounding ³	Vertical Extent	Side Slope ⁴	Reoccupation	Other		Surface Sediment Samples (0-10cm)	Subsurface Sediment Samples (0-45 cm, 0-60 cm, or Shoaling Intervals)	Vertical Extent Samples
1512	2.6	9	Intertidal	x					3	No	No	No	No data	x					Sample intended to characterize conditions at base of bank (within riprap) adjacent to 2011 Ecology bank sample location.	PCBs, metals, mercury, PAHs	-	-
1513	2.6	9	Intertidal		x			a	1	No	No	No	-0.8	x	a					-	PCBs, dioxins/furans, metals, mercury, PAHs	Archive
1514	2.7	9	Intertidal	x					3	No	No	No	No data	x					Sample intended to characterize conditions at base of bank (within riprap)	PCBs, metals, mercury, PAHs		
1515	2.6	10	Subtidal				x	a	3	Yes	Yes	No	-17.3	x	a					-	PCBs	Archive
1516	2.6	5	Intertidal	x					3	No	No	No	No data	x						PCBs	-	-
1517	2.7	-	Subtidal	x					3	No	No	Yes	-14.1				x	Reoccupy 2023 sample location (SS1204; phenol EF of 1.9) and potentially toxicity test pending expedited analytical results.	Phenol	-	-	
1518	2.7	-	Subtidal	x					3	Yes	Yes	No	-19.2				x	Reoccupy 2023 sample location (SS1205; phenol EF of 1.0) and potentially toxicity test pending expedited analytical results.	Phenol	-	-	
1206	2.7	9	Subtidal			x			1	No	No	Yes	-13.2	x				Analyze Phase I archive (SC1206) to refine dioxin/furan polygon; no sample collection needed. Sample was analyzed for all other contaminants with RALs during Phase I.	-	Dioxins/furans	-	
1519	2.7	9	Intertidal		a			x	3	No	No	No	0.6		x					-	Archive	PCBs, dioxins/furans
1520	2.7	9	Subtidal				x		3	Yes	Yes	No	-18.9	x						-	PCBs	-
1521	2.7	9	Subtidal			x			1	No	No	Yes	-12.7	x						-	PCBs	-
1210	2.7	9	Intertidal		x				1	No	No	No	-1.7	x				Analyze Phase I archive (IT1210) to refine dioxin/furan polygon; no sample collection needed. Sample was analyzed for all other contaminants with RALs during Phase I.	-	Dioxins/furans	-	
1522	2.7	9	Intertidal		a			x	1	No	No	No	-1.7		x			Vertical core at Phase I location 1210.	-	Archive	PCBs, metals, PAHs	
1523	2.7	9	Intertidal	x					3	No	No	No	No data	x				Sample intended to characterize conditions at base of bank (within riprap) adjacent to 2011 Ecology bank sample location.	PCBs, metals, mercury, PAHs	-	-	
1524	2.7	5	Intertidal		x			a	3	No	No	No	2.7	x	a			Evaluate subsurface sediment in area with 0-10-cm exceedances.	-	PCBs, dioxins/furans	Archive	
1525	2.7	5	Subtidal	x		x			1	No	No	Yes	-6.6	x						PCBs, dioxins/furans	PCBs, dioxins/furans	-
1526	2.7	5	Intertidal	x					3	No	No	No	No data	x				Target sample collection in bank area (above outfall) to inform design; exact location will be determined based on sampleability of this area.	PCBs, dioxins/furans, metals, mercury, PAHs	-	-	

**Table B-1
Sample Location Rationale and Analytes**

Location No. ¹	RM	Area No.	Tidal Category	Sample Type(s)					Recovery Category	In FNC?	Shoaling Area	Potential Vessel Scour Area	Mudline Elevation (feet MLLW) ²	Rationale					Notes	Analytes By Sample Type ⁵		
				0-10 cm	0-45 cm	0-60 cm	Shoal	Vertical Extent						Horizontal Bounding ³	Vertical Extent	Side Slope ⁴	Reoccupation	Other		Surface Sediment Samples (0-10cm)	Subsurface Sediment Samples (0-45 cm, 0-60 cm, or Shoaling Intervals)	Vertical Extent Samples
1527	2.7	5	Intertidal		x			x	3	No	No	No	-0.6	x	x				Evaluate subsurface sediment at location with 0-10-cm exceedance.	-	PCBs, dioxins/furans, arsenic, PAHs	PCBs, dioxins/furans, mercury
1528	2.7	5	Subtidal			a		x	1	No	No	Yes	-5.0		x				Vertical core at Phase I location 1212.	-	Archive	PCBs, dioxins/furans
1213	2.7	5	Subtidal			x			1	No	No	Yes	-14.3	x					Analyze Phase I archive sample (SC1213) to refine dioxin/furan polygon; no sample collection needed. Sample was analyzed for all other contaminants with RALs during Phase I.	-	Dioxins/furans	-
1529	2.7	5	Subtidal			a		a	1	No	No	Yes	-14.3		a	a			Vertical core at Phase I location 1213.	-	Archive	Archive
1530	2.7	5	Subtidal			x			1	No	No	Yes	-11.6	x						-	PCBs, dioxins/furans, PAHs	-
1531	2.7	5	Subtidal			a		a	1	No	No	Yes	-13.9			a				-	Archive	Archive
1828	2.7	5	Intertidal	x	x				3	No	No	No	No data	x					Sample is located under a structure and will be collected at base of riprap (i.e., as close to the shoreline as possible).	PCBs, dioxins/furans, PAHs	PCBs, dioxins/furans, PAHs	-
1532	2.7	5	Subtidal			x		a	1	No	No	Yes	-5.8		a		x		Reoccupy 2006 subsurface sample location (LDW-SC46; PCB EF of 1.0, HCB EF of 1.6, and PAH EF of 1.3) in depositional area (> 2 feet of material from 2003 to 2021).	-	PCBs, PAHs, phthalates, other SVOCs	Archive
1829	2.8	5	Intertidal	x	x				3	No	No	No	No data	x					Sample is located under a structure and will be collected at base of riprap (i.e., as close to the shoreline as possible).	PCBs, PAHs, phthalates, other SVOCs	PCBs, PAHs	-
1533	2.8	5	Subtidal	x		x			1	No	No	Yes	-5.8	x						PCBs, PAHs, phthalates, other SVOCs	PCBs, PAHs, phthalates, other SVOCs	-
1534	2.7	9	Subtidal				a	x	1	Yes	Yes	No	-17.8		x					-	Archive	PCBs
1535	2.7	9	Subtidal				a	x	3	Yes	Yes	No	-18.6		x					-	Archive	PCBs
1536	2.7	9	Subtidal			a		x	1	No	No	Yes	-12.8		x				Vertical core at Phase I location 1215.	-	Archive	PCBs
1537	2.7	9	Intertidal	x					3	No	No	No	2.2	x					Sample intended to characterize conditions at base of bank (within riprap) adjacent to 2011 Ecology bank sample location.	PCBs, metals, mercury, PAHs	-	-
1538	2.7	9	Subtidal			a		a	1	No	No	Yes	-13.8				a		Tier 2 core in Beach 6 area to support RD.	-	Archive	Archive
1539	2.7	9	Intertidal		a			a	1	No	No	No	-2.9		a		a		Tier 2 core in Beach 6 area to support RD.	-	Archive	Archive
1540	2.7	9	Intertidal		a			x	3	No	No	No	No data		x				Vertical core at Phase I location 1218.	-	Archive	PCBs, arsenic
1541	2.7	9	Subtidal				a	x	3	Yes	Yes	No	-18.3		x				Vertical core at 2012 location LDW12.	-	Archive	PCBs
1542	2.7	9	Subtidal				a	x	3	Yes	Yes	No	-18.6		x					-	Archive	PCBs, dioxins/furans

**Table B-1
Sample Location Rationale and Analytes**

Location No. ¹	RM	Area No.	Tidal Category	Sample Type(s)					Recovery Category	In FNC?	Shoaling Area	Potential Vessel Scour Area	Mudline Elevation (feet MLLW) ²	Rationale					Notes	Analytes By Sample Type ⁵		
				0-10 cm	0-45 cm	0-60 cm	Shoal	Vertical Extent						Horizontal Bounding ³	Vertical Extent	Side Slope ⁴	Reoccupation	Other		Surface Sediment Samples (0-10cm)	Subsurface Sediment Samples (0-45 cm, 0-60 cm, or Shoaling Intervals)	Vertical Extent Samples
1543	2.7	9	Intertidal		x			a	3	No	No	No	0.3	x	a				Tier 2 core in Beach 6 area to support RD.	-	PCBs, arsenic, PAHs	Archive
1221	2.7	9	Subtidal				x		3	Yes	Yes	No	-18.6	a				Analyze Phase I archive sample (SC1221) to refine dioxin/furan polygon; no sample collection needed. Sample was analyzed for all other contaminants with RALs during Phase I.	-	Dioxins/furans	-	
1544	2.7	9	Subtidal			a		x	1	No	No	Yes	-13.1		x			Vertical core at Phase I location 1222.	-	Archive	PCBs, dioxins/furans	
1545	2.7	9	Intertidal		x			a	2	No	No	No	-1.3	x	a			Tier 2 core in Beach 6 area to support RD.	-	PCBs, dioxins/furans, arsenic, PAHs	Archive	
1546	2.7	9	Intertidal	x	x			x	2	No	No	No	0.2	x	x				PCBs, dioxins/furans, metals, mercury, PAHs	PCBs, dioxins/furans, arsenic, PAHs	PCBs, dioxins/furans, metals, PAHs	
1547	2.7	9	Intertidal		x			a	2	No	No	No	1.0	x	a			Tier 2 core in Beach 6 area to support RD.	-	PCBs, arsenic, PAHs	Archive	
1548	2.8	9	Subtidal	x					3	Yes	Yes	No	-18.6	x					PCBs, PAHs	-	-	
1549	2.8	9	Subtidal			a		a	1	No	No	Yes	-13.4					Tier 2 core in Beach 6 area to support RD.	-	Archive	Archive	
1550	2.8	9	Intertidal		x			x	2	No	No	No	-0.7	x	x			Tier 1 vertical in Beach 6 intertidal area at location where existing data without RAL interval indicates subsurface contamination.	-	PCBs, dioxins/furans, arsenic, PAHs	PCBs, metals, PAHs	
1551	2.8	9	Intertidal	x	x			a	2	No	No	No	1.9	x	a			Tier 2 core in Beach 6 area to support RD.	PCBs, metals, mercury, PAHs	PCBs, arsenic, PAHs	Archive	
1552	2.8	9	Intertidal		a			x	2	No	No	No	No data		x			Vertical core at Phase I location 1223.	-	Archive	PCBs, metals, PAHs	
1553	2.8	9	Intertidal		a			x	2	No	No	No	No data		x			Vertical core at Phase I location 1233.	-	Archive	PCBs, metals, PAHs	
1554	2.8	9	Subtidal			a		a	1	No	No	Yes	-14.2					Tier 2 core in Beach 6 area to support RD.	-	Archive	Archive	
1555	2.8	9	Intertidal		x			a	1	No	No	No	-2.1	x	a			Tier 2 core in Beach 6 area to support RD.	-	PCBs, metals, mercury, PAHs	Archive	
1556	2.8	9	Intertidal		a			x	2	No	No	No	No data		x			Vertical core at Phase I location 1231.	-	Archive	PCBs, metals, PAHs	
1557	2.8	9	Intertidal	x	x				2	No	No	No	-1.2	x					PCBs, metals, mercury, PAHs	PCBs, arsenic, PAHs	-	
1558	2.8	9	Subtidal	x			x		3	Yes	Yes	No	-18.9	x					PCBs	PCBs	-	
1559	2.8	7	Subtidal			x		x	1	No	No	Yes	-11.0		x	x		Reoccupy 2006 subsurface sample (LDW-SC45; PCB EF of 1.4) in depositional area (> 2 feet of material from 2003 to 2021).	-	PCBs, PAHs, metals, mercury	PCBs	

**Table B-1
Sample Location Rationale and Analytes**

Location No. ¹	RM	Area No.	Tidal Category	Sample Type(s)					Recovery Category	In FNC?	Shoaling Area	Potential Vessel Scour Area	Mudline Elevation (feet MLLW) ²	Rationale					Notes	Analytes By Sample Type ⁵			
				0-10 cm	0-45 cm	0-60 cm	Shoal	Vertical Extent						Horizontal Bounding ³	Vertical Extent	Side Slope ⁴	Reoccupation	Other		Surface Sediment Samples (0-10cm)	Subsurface Sediment Samples (0-45 cm, 0-60 cm, or Shoaling Intervals)	Vertical Extent Samples	
1560	2.8	8	Intertidal	x	a			a	1	No	No	No	-1.7	x	a						PCBs	Archive	Archive
1561	2.8	5	Intertidal	x	x			a	3	No	No	No	No data	x	a			a	Target sample collection in bank area to inform design; exact location will be determined based on sampleability of this area.	PCBs, PAHs, phthalates, other SVOCs	PCBs, PAHs	Archive	
1562	2.8	5	Intertidal		a			x	1	No	No	No	-0.9		x				Vertical core at Phase I location 1224.	-	Archive	PCBs, PAHs, phthalates, other SVOCs	
1563	2.8	6	Subtidal			a		x	1	No	No	Yes	-13.2		x				Vertical core at Phase I location 1225.	-	Archive	PCBs	
1564	2.8	5	Intertidal	x	x			a	3	No	No	No	No data	x	a			a	Target sample collection in bank area to inform design; exact location will be determined based on sampleability of this area.	PCBs, PAHs, phthalates, other SVOCs	PCBs, PAHs	Archive	
1565	2.8	5	Intertidal	x	x			a	3	No	No	No	3.2	x	a			a	Tier 2 core to support RD.	PCBs, PAHs, phthalates, other SVOCs	PCBs, PAHs	Archive	
1566	2.8	5	Intertidal	x	x			a	3	No	No	No	No data	x	a			a	Target sample collection in bank area to inform design; exact location will be determined based on sampleability of this area.	PCBs, PAHs, phthalates, other SVOCs	PCBs, PAHs	Archive	
1567	2.8	5	Intertidal	x	x				3	No	No	No	2.3	x						PCBs, PAHs, phthalates, other SVOCs	PCBs, PAHs	-	
1568	2.8	5	Intertidal	x	x			a	3	No	No	No	No data	x	a			a	Target sample collection in bank area to inform design; exact location will be determined based on sampleability of this area.	PCBs, PAHs, phthalates, other SVOCs	PCBs, PAHs	Archive	
1569	2.8	4	Intertidal	a					3	No	No	No	-2.9	a						Archive	-	-	
1570	2.8	4	Intertidal	x					3	No	No	No	-3.0					x	Reoccupy to address two 2011 samples (LDW-SS2106-A and -U; PCB EFs of 3.8 and 1.5, respectively). These 2011 samples were collected from locations approximately 6 feet apart, so a single sample will be collected at the midpoint between these locations.	PCBs	-	-	
1571	2.8	4	Subtidal	a					1	No	No	Yes	-8.2	a						Archive	-	-	
1572	2.9	-	Subtidal	x					1	No	No	Yes	-11.0					x	Reoccupy 2023 sample location (SS1247; phenol EF of 1.3) and potentially toxicity test pending expedited analytical results.	Phenol	-	-	
1573	2.8	-	Subtidal			x			1	No	No	Yes	-17.0	x						-	PCBs	-	
1574	2.9	-	Subtidal	x					1	No	No	Yes	-13.2					x	Reoccupy 2023 sample location (SS1249; phenol EF of 1.0) and potentially toxicity test pending expedited analytical results.	Phenol	-	-	
1830	2.8	8	Intertidal	x					2	No	No	No	No data					x	Reoccupy 2013 under-structure sample (DENW6721-IS-1; PCB EF of 2.7).	PCBs, dioxins/furans	-	-	
1831	2.8	-	Intertidal	x					3	No	No	No	No data					x	Reoccupy 2013 under-structure sample (DENW6721-IS-2; dioxin/furan EF of 0.98).	PCBs, dioxins/furans	-	-	

**Table B-1
Sample Location Rationale and Analytes**

Location No. ¹	RM	Area No.	Tidal Category	Sample Type(s)					Recovery Category	In FNC?	Shoaling Area	Potential Vessel Scour Area	Mudline Elevation (feet MLLW) ²	Rationale					Notes	Analytes By Sample Type ⁵		
				0-10 cm	0-45 cm	0-60 cm	Shoal	Vertical Extent						Horizontal Bounding ³	Vertical Extent	Side Slope ⁴	Reoccupation	Other		Surface Sediment Samples (0-10cm)	Subsurface Sediment Samples (0-45 cm, 0-60 cm, or Shoaling Intervals)	Vertical Extent Samples
1832	2.8	-	Intertidal	x				3	No	No	No	No data				x		Reoccupy 2013 under-structure sample (DENW6721-IS-3; PCB EF of 1.0).	PCBs, dioxins/furans	-	-	
1833	2.8	3	Intertidal	x				3	No	No	No	No data				x		Reoccupy 2013 under-structure sample (DENW6721-IS-4; PCB EF of 3.5 and dioxin/furan EF of 1.0).	PCBs, dioxins/furans	-	-	
1834	2.8	3	Intertidal	x				3	No	No	No	0.7				x		Reoccupy 2013 under-structure sample (DENW6721-IS-5; PCB EF of 1.3).	PCBs, dioxins/furans	-	-	
1575	2.8	3	Subtidal	x				2	No	No	Yes	-9.5	x						PCBs	-	-	
1576	2.8	3	Subtidal	x				2	No	No	Yes	-8.7	x						PCBs	-	-	
1577	2.9	2	Subtidal			a		1	Yes	No	Yes	-17.5	a						-	Archive	-	
1578	2.9	-	Subtidal	x				1	No	No	Yes	-15.0				x		Reoccupy 2023 sample location (SS1265; phenol EF of 1.3) and potentially toxicity test pending expedited analytical results.	Phenol	-	-	
1579	2.9	2	Subtidal			x		1	Yes	No	Yes	-16.9	x	a					-	PCBs	Archive	
1580	2.9	-	Subtidal	x				1	No	No	Yes	-14.1				x		Reoccupy 2023 sample location (SS1270; phenol EF of 2.5) and potentially toxicity test pending expedited analytical results.	Phenol	-	-	
1581	2.9	2	Subtidal			a		1	No	No	Yes	-13.9					a		Vertical core at Phase I location 1270.	-	Archive	Archive
1582	2.9	2	Subtidal			a		1	Yes	No	Yes	-16.8			x				Vertical core at Phase I location 1271.	-	Archive	PCBs
1583	3	1	Subtidal	a				3	No	No	Yes	-7.2	a						Archive	-	-	
1273	3	1	Subtidal	x				3	No	No	Yes	-5.1				x		Analyze Phase I archive sample (SS1273), which reoccupied a 2018 sample location (LDW18-SS-118; PCB EF of 1.0); no sample collection needed.	PCBs, metals, mercury	-	-	
1584	3	1	Subtidal	x		a		1	No	No	Yes	-13.8				a	x	Reoccupy 2023 sample location (SS1276; mercury EF of 1.3 and phenol EF of 1.0) and conduct toxicity test.	None (toxicity test)	Archive	Archive	
1585	3	-	Intertidal		x			3	No	No	No	-3.3					x	Analyze 0-45-cm sample at location of Phase I surface sediment sample SS1274 with PCB EF of 0.92 that is adjacent to Duwamish Waterway Park.	-	PCBs	-	
1586	3	2	Subtidal			a		1	Yes	No	Yes	-17.6			x			Vertical core at Phase I location 1277.	-	Archive	PCBs	
Upland Soil Locations																						
UP1	2.4	15	upland					x	-	-	-	16.2					x	Collect upland soil sample (above MHHW) adjacent to bank that is not anticipated to be sampleable.	-	-	Archive	

Notes:
 1. Location numbers with pink shading indicate under-structure samples; those with blue shading indicate Phase I archive samples being analyzed as part of Phase II (for which no sample collection is needed).
 2. Mudline elevations are based on the 2021/2023 bathymetry survey data. Locations where this column indicates "no data" are outside of the bathymetry survey area (typically at a higher elevation than could be surveyed).

3. Horizontal bounding includes sample placement intended to characterize areas with interpolation uncertainty.
 4. Vertical extent cores placed to characterize the side slopes of anticipated dredge areas will be collected and archived. The Tier 1 data from nearby vertical cores within the RAL exceedance area boundary will be used to inform the intervals and analytes for analysis of these side slope cores as part of Tier 2.
 5. The columns indicating analytes by sample type use green shading to show that sample interval(s) will be collected and analyzed in Tier 1 and gray shading to indicate that the sample interval(s) will be collected and archived. A dash (-) indicates that a given interval will not be collected.
 - a: Tier 2 sample to be collected and archived
- BBP: butyl benzyl phthalate
BEHP: bis(2-ethylhexyl) phthalate
cm: centimeter
COC: chemical of concern
DER: data evaluation report
Ecology: Washington State Department of Ecology
EF: exceedance factor
EPA: U.S. Environmental Protection Agency
FNC: Federal Navigation Channel
HCB: hexachlorobenzene
MHHW: mean higher high water
MLLW: mean lower low water
PAH: polycyclic aromatic hydrocarbon
PCB: polychlorinated biphenyl
PDI: Pre-Design Investigation
RAL: remedial action level
RD: remedial design
RM: river mile
ROD: Record of Decision
SVOC: semivolatile organic compound
WWTS: wet weather treatment station
x: Tier 1 sample to be collected and analyzed

Table B-2
Sample Location Details (NOTE: Table updated; redline is not feasible for this table)

Location No. ¹	RM	Area No.	Tidal Category	Sample Type(s)					Reoccupation?	Toxicity Test? ²	In the FNC?	Mudline Elevation (ft MLLW) ³	Vertical Extent Details				Estimated Shoal Thickness	Target Coordinates			
				0-10 cm	0-45 cm	0-60 cm	Shoal	Vertical Extent					Vertical Category	Authorized or Operating Depth	Target Core Elevation or Length	Estimated Core Length (ft)		X	Y	Longitude	Latitude
1300	1.6	-	Subtidal	x					Yes	Yes	No	-24.1	-	-	-	-		1268777	203414	-122.338265	47.547688
1301	1.6	-	Subtidal			x		a	-	-	No	-24.0	Berthing area	-31 feet MLLW	-40 feet MLLW	16.0		1268884	203233	-122.337818	47.547197
1302	1.7	-	Subtidal			x		a	-	-	No	-23.9	Berthing area	-31 feet MLLW	-40 feet MLLW	16.1		1268935	203092	-122.337600	47.546814
1303	1.7	-	Subtidal			x			-	-	No	-21.2	-	-	-	-		1268981	203013	-122.337407	47.546599
1304	1.7	-	Subtidal	x					-	-	Yes	-31.5	-	-	-	-		1268735	203086	-122.338408	47.546787
1305	1.7	-	Subtidal	x					Yes	Yes	No	-26.8	-	-	-	-		1268685	202752	-122.338585	47.545868
1306	1.7	-	Subtidal	x					Yes	Yes	No	-25.8	-	-	-	-		1268747	202560	-122.338319	47.545345
1307	1.7	-	Subtidal	x					-	-	Yes	-30.8	-	-	-	-		1268860	202705	-122.337871	47.545749
1308	1.7	-	Subtidal	x					Yes	Yes	No	-26.8	-	-	-	-		1268970	202844	-122.337438	47.546136
1309	1.7	32	Subtidal			x		a	-	-	No	-19.5	Other subtidal area	-	10-foot core	10.0		1269111	202780	-122.336861	47.545968
1310	1.7	32	Subtidal			a		x	-	-	No	-17.0	Other subtidal area	-	10-foot core	10.0		1269131	202690	-122.336774	47.545722
1311	1.8	32	Subtidal			x			-	-	No	-13.5	-	-	-	-		1269157	202622	-122.336665	47.545537
1312	1.8	32	Subtidal			x		a	-	-	No	-8.9	Berthing area	-12 feet MLLW	-21 feet MLLW	12.1		1269210	202640	-122.336449	47.545590
1313	1.8	31	Intertidal	x					-	-	No	0.7	-	-	-	-		1269240	202553	-122.336321	47.545353
1314	1.8	31	Intertidal	x					-	-	No	no data	-	-	-	-		1269294	202588	-122.336108	47.545453
1315	1.8	33	Intertidal	x					-	-	No	no data	-	-	-	-		1269390	202756	-122.335733	47.545917
1316	1.7	33	Intertidal	x					-	-	No	-2.4	-	-	-	-		1269397	202849	-122.335709	47.546171
1317	1.7	33	Intertidal	x	x			a	-	-	No	no data	Intertidal	-	7.5 feet core	7.5		1269449	202869	-122.335503	47.546229
1318	1.7	33	Intertidal		a			x	-	-	No	-0.6	Intertidal	-	7.5 feet core	7.5		1269434	202880	-122.335563	47.546259
1319	1.7	33	Subtidal	x					-	-	No	-9.2	-	-	-	-		1269408	202912	-122.335669	47.546346
1320	1.7	33/34	Subtidal			a		a	-	-	No	-13.8	Other subtidal area	-	10-foot core	10.0		1269375	202934	-122.335805	47.546405
1321	1.7	34	Subtidal			x		a	-	-	No	-19.0	Other subtidal area	-	10-foot core	10.0		1269338	202994	-122.335961	47.546566
1322	1.7	-	Subtidal	x					Yes	Yes	No	-15.4	-	-	-	-		1269423	203092	-122.335624	47.546840
1323	1.8	28	Subtidal				x	a	-	-	Yes	-28.5	Within the FNC	-30 feet MLLW	-41 feet MLLW	12.5	1.5 feet	1268972	202521	-122.337406	47.545251
1324	1.8	28	Subtidal				a	a	-	-	Yes	-28.6	Within the FNC	-30 feet MLLW	-41 feet MLLW	12.4	1.4 feet	1268906	202406	-122.337663	47.544932
1325	1.8	28	Subtidal				a	x	-	-	Yes	-26.7	Within the FNC	-30 feet MLLW	-41 feet MLLW	14.3	3.3 feet	1269002	202439	-122.337277	47.545027
1326	1.8	28	Subtidal			a		a	-	-	No	-21.9	Location-specific	-	20-foot core	20.0		1269085	202472	-122.336941	47.545123
1327	1.8	28	Subtidal				a	a	-	-	Yes	-25.2	Within the FNC	-30 feet MLLW	-41 feet MLLW	15.8	4.8 feet	1268969	202215	-122.337393	47.544412
1328	1.8	28	Subtidal				a	x	-	-	Yes	-24.2	Within the FNC	-30 feet MLLW	-41 feet MLLW	16.8	5.8 feet	1269062	202247	-122.337019	47.544504
1329	1.8	28	Subtidal			a		a	-	-	No	-16.1	Location-specific	-	20-foot core	20.0		1269155	202269	-122.336645	47.544569
1330	1.8	30	Intertidal		x			a	-	-	No	-1.0	Intertidal	-	7.5 feet core	7.5		1269204	202363	-122.336454	47.544828

Table B-2
Sample Location Details (NOTE: Table updated; redline is not feasible for this table)

Location No. ¹	RM	Area No.	Tidal Category	Sample Type(s)					Reoccupation?	Toxicity Test? ²	In the FNC?	Mudline Elevation (ft MLLW) ³	Vertical Extent Details				Estimated Shoal Thickness	Target Coordinates			
				0-10 cm	0-45 cm	0-60 cm	Shoal	Vertical Extent					Vertical Category	Authorized or Operating Depth	Target Core Elevation or Length	Estimated Core Length (ft)		X	Y	Longitude	Latitude
1331	1.8	30	Subtidal	x					-	-	No	-11.8	-	-	-	-		1269205	202197	-122.336437	47.544375
1332	1.8	30	Intertidal	x					-	-	No	0.2	-	-	-	-		1269267	202170	-122.336183	47.544304
1333	1.9	-	Subtidal			x			-	-	No	-20.2	-	-	-	-		1268919	202091	-122.337586	47.544069
1334	1.9	28	Subtidal			a		a	-	-	No	-18.7	Location-specific	-20 feet MLLW	20-foot core	20.0		1269001	202004	-122.337247	47.543836
1335	1.9	28	Subtidal				a	x	-	-	Yes	-24.7	Within the FNC	-30 feet MLLW	-41 feet MLLW	16.3	5.3 feet	1269069	202028	-122.336973	47.543906
1336	1.9	28	Subtidal				a	x	-	-	Yes	-26.0	Within the FNC	-30 feet MLLW	-41 feet MLLW	15.0	4 feet	1269130	202054	-122.336728	47.543979
1337	1.9	28	Subtidal			a		a	-	-	No	-17.6	Location-specific	not defined	20-foot core	20.0		1269218	202081	-122.336374	47.544058
1338	1.9	28	Subtidal			a		a	-	-	No	-17.1	Location-specific	-20 feet MLLW	20-foot core	20.0		1269171	201789	-122.336541	47.543255
1339	1.9	28	Subtidal				a	x	-	-	Yes	-24.5	Within the FNC	-30 feet MLLW	-41 feet MLLW	16.5	5.5 feet	1269210	201829	-122.336386	47.543366
1340	1.9	28	Subtidal				a	x	-	-	Yes	-21.7	Within the FNC	-30 feet MLLW	-41 feet MLLW	19.3	8.3 feet	1269278	201905	-122.336117	47.543578
1341	1.9	28	Subtidal				a	x	-	-	Yes	-19.8	Within the FNC	-30 feet MLLW	-41 feet MLLW	21.2	10.2 feet	1269377	201809	-122.335709	47.543321
1342	1.9	28	Subtidal			a		a	-	-	No	-17.3	Location-specific	-	20-foot core	20.0		1269299	201647	-122.336012	47.542872
1343	1.9	28	Subtidal				a	x	-	-	Yes	-25.5	Within the FNC	-30 feet MLLW	-41 feet MLLW	15.5	4.5 feet	1269336	201688	-122.335865	47.542987
1344	1.9	28	Subtidal				a	x	-	-	Yes	-22.1	Within the FNC	-30 feet MLLW	-41 feet MLLW	19.0	8 feet	1269427	201726	-122.335500	47.543096
1345	2	28	Subtidal			a		a	-	-	No	-16.0	Location-specific	-	20-foot core	20.0		1269424	201512	-122.335495	47.542509
1346	2	28	Subtidal				a	x	-	-	Yes	-28.2	Within the FNC	-30 feet MLLW	-41 feet MLLW	12.9	1.9 feet	1269484	201553	-122.335255	47.542625
1347	2	28	Subtidal				a	x	-	-	Yes	-21.1	Within the FNC	-30 feet MLLW	-41 feet MLLW	19.9	8.9 feet	1269561	201606	-122.334948	47.542774
1348	1.9	28/29	Subtidal			a		a	-	-	No	-12.9	Location-specific	not defined	20-foot core	20.0		1269341	201936	-122.335864	47.543668
1349	1.9	-	Subtidal	x					Yes	Yes	No	no data	-	-	-	-		1269367	201952	-122.335761	47.543712
1350	1.9	29	Subtidal			a		a	-	-	No	no data	Location-specific	-	15 feet core	15.0		1269382	201948	-122.335701	47.543702
1351	1.9	29	Intertidal	x	x			a	-	-	No	no data	Intertidal	-	7.5 feet core	7.5		1269395	201969	-122.335650	47.543760
1352	1.9	29	Intertidal	x	x			a	-	-	No	no data	Intertidal	-	7.5 feet core	7.5		1269414	201945	-122.335571	47.543695
1353	1.9	28/29	Subtidal	x		x		a	-	-	No	-12.2	Location-specific	not defined	20-foot core	20.0		1269385	201884	-122.335681	47.543526
1354	1.9	29	Subtidal	x		x		a	-	-	No	no data	Location-specific	-	15 feet core	15.0		1269413	201913	-122.335571	47.543608
1355	1.9	29	Intertidal	x	x			a	-	-	No	no data	Intertidal	-	7.5 feet core	7.5		1269429	201930	-122.335508	47.543656
1356	1.9	28/29	Subtidal	x		x		a	-	-	No	-11.5	Location-specific	not defined	20-foot core	20.0		1269412	201857	-122.335572	47.543455
1357	1.9	29	Subtidal	x		x		a	-	-	No	no data	Location-specific	-	15 feet core	15.0		1269438	201886	-122.335470	47.543536
1358	1.9	29	Intertidal	x	x			a	-	-	No	no data	Intertidal	-	7.5 feet core	7.5		1269449	201912	-122.335426	47.543606
1359	1.9	29	Intertidal	x	x			a	-	-	No	no data	Intertidal	-	7.5 feet core	7.5		1269457	201919	-122.335395	47.543628
1360	1.9	29	Intertidal	x	x			a	-	-	No	no data	Intertidal	-	7.5 feet core	7.5		1269454	201905	-122.335403	47.543588
1361	1.9	29	Intertidal		a			x	-	-	No	no data	Intertidal	-	7.5 feet core	7.5		1269461	201912	-122.335377	47.543607

Table B-2
Sample Location Details (NOTE: Table updated; redline is not feasible for this table)

Location No. ¹	RM	Area No.	Tidal Category	Sample Type(s)					Reoccupation?	Toxicity Test? ²	In the FNC?	Mudline Elevation (ft MLLW) ³	Vertical Extent Details				Estimated Shoal Thickness	Target Coordinates			
				0-10 cm	0-45 cm	0-60 cm	Shoal	Vertical Extent					Vertical Category	Authorized or Operating Depth	Target Core Elevation or Length	Estimated Core Length (ft)		X	Y	Longitude	Latitude
1362	1.9	29	Intertidal	x	x			a	-	-	No	no data	Intertidal	-	7.5 feet core	7.5		1269466	201917	-122.335358	47.543622
1363	1.9	29	Intertidal	x	x			a	-	-	No	no data	Intertidal	-	7.5 feet core	7.5		1269466	201893	-122.335354	47.543555
1364	1.9	29	Intertidal	x	x			a	-	-	No	no data	Intertidal	-	7.5 feet core	7.5		1269476	201903	-122.335316	47.543583
1365	1.9	28/29	Subtidal	x		x		a	-	-	No	-10.9	Location-specific	not defined	20-foot core	20.0		1269439	201832	-122.335459	47.543388
1366	1.9	29	Subtidal	x		x		a	-	-	No	no data	Location-specific	-	15 feet core	15.0		1269462	201856	-122.335368	47.543454
1367	1.9	29	Intertidal	x	x			a	-	-	No	no data	Intertidal	-	7.5 feet core	7.5		1269480	201876	-122.335296	47.543511
1368	1.9	29	Intertidal	x	x			a	-	-	No	no data	Intertidal	-	7.5 feet core	7.5		1269491	201888	-122.335253	47.543544
1369	1.9	29	Intertidal	x	x			a	-	-	No	no data	Intertidal	-	7.5 feet core	7.5		1269504	201856	-122.335200	47.543457
1370	1.9	29	Intertidal	x	x			a	-	-	No	no data	Intertidal	-	7.5 feet core	7.5		1269514	201868	-122.335159	47.543489
1371	1.9	28/29	Subtidal	x		x		a	-	-	No	-10.7	Location-specific	not defined	20-foot core	20.0		1269482	201782	-122.335280	47.543252
1372	1.9	29	Subtidal			a		x	-	-	No	no data	Location-specific	-	15 feet core	15.0		1269501	201803	-122.335206	47.543311
1373	1.9	29	Intertidal	x	x			a	-	-	No	no data	Intertidal	-	7.5 feet core	7.5		1269540	201845	-122.335051	47.543429
1374	1.9	29	Intertidal	x	x			a	-	-	No	5.1	Intertidal	-	7.5 feet core	7.5		1269572	201853	-122.334921	47.543451
1375	1.9	29	Subtidal	x					-	-	No	-9.9	-	-	-	-		1269518	201747	-122.335133	47.543159
1376	1.9	29	Intertidal	x	x			a	-	-	No	-2.0	Intertidal	-	7.5 feet core	7.5		1269575	201777	-122.334903	47.543242
1377	1.9	29	Intertidal	x	x			a	-	-	No	no data	Intertidal	-	7.5 feet core	7.5		1269599	201820	-122.334811	47.543363
1378	2	29	Intertidal		x			a	-	-	No	no data	Intertidal	-	7.5 feet core	7.5		1269636	201744	-122.334656	47.543156
1379	2	26	Intertidal	x					Yes	Yes	No	-3.1	-	-	-	-		1269534	201223	-122.335027	47.541723
1380	2	26	Intertidal	x					Yes	Yes	No	-2.7	-	-	-	-		1269557	201172	-122.334930	47.541584
1381	2	26	Subtidal	a					-	-	No	-8.3	-	-	-	-		1269584	201234	-122.334826	47.541757
1382	2	28	Subtidal			a		x	-	-	Yes	-27.0	Within the FNC	-20 feet MLLW	-31 feet MLLW	4.0		1269618	201397	-122.334701	47.542204
1383	2	28	Subtidal			a		x	-	-	Yes	-28.0	Within the FNC	-20 feet MLLW	-31 feet MLLW	3.0		1269685	201455	-122.334434	47.542367
1384	2.1	28	Subtidal			a		x	-	-	Yes	-24.6	Within the FNC	-20 feet MLLW	-31 feet MLLW	6.4		1269767	201248	-122.334086	47.541804
1385	2.1	28	Subtidal			a		x	-	-	Yes	-27.1	Within the FNC	-20 feet MLLW	-31 feet MLLW	3.9		1269821	201310	-122.333872	47.541977
1386	2.1	28	Subtidal			a		x	-	-	No	-21.1	Location-specific	-	10-foot core (to at least -31 feet MLLW)	10.0		1269868	201355	-122.333685	47.542102
1387	2.1	28	Subtidal			x		a	-	-	Yes	-27.1	Within the FNC	-20 feet MLLW	-31 feet MLLW	3.9		1269878	201205	-122.333634	47.541692
1388	2.1	28	Subtidal			x		a	-	-	No	-22.9	Location-specific	-	10-foot core (to at least -31 feet MLLW)	10.0		1269940	201253	-122.333385	47.541828
1389	2	27	Intertidal	x	x				-	-	No	no data	-	-	-	-		1269842	201627	-122.333812	47.542847
1390	2	27	Subtidal			a		x	-	-	No	-6.9	Other subtidal area	-	10-foot core	10.0		1269839	201584	-122.333821	47.542729

Table B-2
Sample Location Details (NOTE: Table updated; redline is not feasible for this table)

Location No. ¹	RM	Area No.	Tidal Category	Sample Type(s)					Reoccupation?	Toxicity Test? ²	In the FNC?	Mudline Elevation (ft MLLW) ³	Vertical Extent Details				Estimated Shoal Thickness	Target Coordinates			
				0-10 cm	0-45 cm	0-60 cm	Shoal	Vertical Extent					Vertical Category	Authorized or Operating Depth	Target Core Elevation or Length	Estimated Core Length (ft)		X	Y	Longitude	Latitude
1391	2	27	Subtidal	x					-	-	No	-10.1	-	-	-	-		1269873	201528	-122.333679	47.542576
1392	2.1	-	Subtidal	x					Yes	Yes	No	-13.0	-	-	-	-		1270299	201464	-122.331949	47.542424
1393	2.1	-	Subtidal	x					Yes	Yes	No	-15.4	-	-	-	-		1270448	201331	-122.331336	47.542068
1394	2.1	-	Subtidal	x					Yes	Yes	No	-13.8	-	-	-	-		1270501	201462	-122.331131	47.542429
1395	2.1	25	Subtidal	a					-	-	No	-13.8	-	-	-	-		1270442	201557	-122.331379	47.542686
1396	2.1	25	Subtidal	x					Yes	Yes	No	-13.5	-	-	-	-		1270496	201559	-122.331159	47.542695
1397	2.1	25	Subtidal	a					-	-	No	-12.9	-	-	-	-		1270548	201558	-122.330948	47.542696
1398	2.1	-	Subtidal	x					Yes	Yes	No	-12.1	-	-	-	-		1270500	201636	-122.331149	47.542906
1399	2.1	-	Subtidal	x		a			-	-	No	-12.1	-	-	-	-		1270657	201642	-122.330513	47.542931
1400	2.1	-	Subtidal	x					Yes	Yes	No	-12.7	-	-	-	-		1270696	201467	-122.330342	47.542454
1401	2.2	24	Subtidal	x		a			-	-	No	-8.3	-	-	-	-		1270745	201465	-122.330145	47.542452
1402	2.2	24	Intertidal	x	x			a	-	-	No	no data	Intertidal	-	7.5 feet core	7.5		1270796	201467	-122.329938	47.542458
1403	2.1	21	Intertidal	x					-	-	No	2.4	-	-	-	-		1269577	200931	-122.334830	47.540925
1404	2.1	21	Intertidal	x					-	-	No	0.0	-	-	-	-		1269680	201037	-122.334422	47.541222
1405	2.1	17	Subtidal			a		a	-	-	No	-13.0	Location-specific	-	15 feet core	15.0		1269837	201057	-122.333788	47.541284
1406	2.1	17	Subtidal				a	x	-	-	Yes	-17.5	Within the FNC	-20 feet MLLW	-31 feet MLLW	13.5	2.5 feet	1269875	201091	-122.333636	47.541379
1407	2.1	28	Subtidal			x			-	-	Yes	-26.6	-	-	-	-		1269926	201145	-122.333434	47.541530
1408	2.1	17	Subtidal			a		a	-	-	No	-15.2	Location-specific	-	15 feet core	15.0		1269977	200909	-122.333208	47.540886
1409	2.1	17	Subtidal				a	x	-	-	Yes	-18.2	Within the FNC	-20 feet MLLW	-31 feet MLLW	12.9	1.9 feet	1270010	200947	-122.333078	47.540992
1410	2.1	-	Subtidal	x					Yes	Yes	No	-17.1	-	-	-	-		1270184	201101	-122.332386	47.541423
1411	2.1	21	Intertidal	x	x			a	-	-	No	-1.5	Intertidal	-	7.5 feet core	7.5		1269963	200753	-122.333255	47.540459
1412	2.2	21	Intertidal	x					-	-	No	no data	-	-	-	-		1269974	200713	-122.333206	47.540349
1413	2.2	21	Intertidal		a			x	-	-	No	-1.5	Intertidal	-	7.5 feet core	7.5		1270018	200686	-122.333025	47.540277
1414	2.2	17	Subtidal			a		a	-	-	No	-12.0	Other subtidal area	-	10-foot core	10.0		1270077	200728	-122.332790	47.540395
1415	2.2	17	Subtidal			a		a	-	-	No	-15.9	Location-specific	-	15 feet core	15.0		1270126	200760	-122.332593	47.540485
1416	2.2	17	Subtidal				a	x	-	-	Yes	-18.6	Within the FNC	-20 feet MLLW	-31 feet MLLW	12.4	1.4 feet	1270162	200776	-122.332450	47.540531
1417	2.2	21	Intertidal	x					-	-	No	no data	-	-	-	-		1270141	200527	-122.332515	47.539848
1418	2.2	21	Intertidal		a			x	-	-	No	-2.7	Intertidal	-	7.5 feet core	7.5		1270145	200550	-122.332501	47.539911
1419	2.2	17	Subtidal			a		a	-	-	No	-8.9	Berthing area	not defined	10-foot core	10.0		1270215	200585	-122.332220	47.540010
1420	2.2	17	Subtidal			a		a	-	-	No	-13.8	Location-specific	-	15 feet core	15.0		1270253	200616	-122.332067	47.540099
1421	2.2	17	Subtidal				a	x	-	-	Yes	-17.1	Within the FNC	-20 feet MLLW	-31 feet MLLW	13.9	2.9 feet	1270284	200643	-122.331945	47.540173

Table B-2
Sample Location Details (NOTE: Table updated; redline is not feasible for this table)

Location No. ¹	RM	Area No.	Tidal Category	Sample Type(s)					Reoccupation?	Toxicity Test? ²	In the FNC?	Mudline Elevation (ft MLLW) ³	Vertical Extent Details				Estimated Shoal Thickness	Target Coordinates			
				0-10 cm	0-45 cm	0-60 cm	Shoal	Vertical Extent					Vertical Category	Authorized or Operating Depth	Target Core Elevation or Length	Estimated Core Length (ft)		X	Y	Longitude	Latitude
1422	2.2	-	Subtidal			x		a	-	-	Yes	-22.7	Within the FNC	-20 feet MLLW	-31 feet MLLW	8.3		1270330	200692	-122.331765	47.540310
1423	2.2	18/19/22	Subtidal			a		a	-	-	No	-16.0	Berthing area	not defined	10-foot core	10.0		1270387	200838	-122.331544	47.540714
1424	2.2	18/19/22	Subtidal			a		x	-	-	No	-18.4	Berthing area	not defined	10-foot core	10.0		1270406	200756	-122.331462	47.540488
1425	2.2	18/19/22	Subtidal			a		x	-	-	No	-9.0	Berthing area	not defined	10-foot core	10.0		1270468	200818	-122.331213	47.540661
1426	2.2	21	Intertidal		a			x	-	-	No	-0.1	Intertidal	-	7.5 feet core	7.5		1270208	200462	-122.332239	47.539673
1427	2.2	20/21	Intertidal	x	x			a	-	-	No	5.9	Intertidal	-	7.5 feet core	7.5		1270248	200383	-122.332069	47.539458
1428	2.2	20/21	Intertidal		a			x	-	-	No	-2.6	Intertidal	-	7.5 feet core	7.5		1270295	200380	-122.331882	47.539453
1429	2.2	17	Subtidal			a		a	-	-	No	-9.8	Other subtidal area	-	10-foot core	10.0		1270351	200435	-122.331658	47.539607
1430	2.2	17	Subtidal			a		a	-	-	No	-15.5	Location-specific	-	15 feet core	15.0		1270389	200475	-122.331509	47.539717
1431	2.2	17	Subtidal				a	x	-	-	Yes	-17.5	Within the FNC	-20 feet MLLW	-31 feet MLLW	13.5	2.5 feet	1270418	200500	-122.331392	47.539788
1432	2.2	18/19/22	Subtidal			a		x	-	-	No	-17.3	Berthing area	not defined	10-foot core	10.0		1270545	200608	-122.330888	47.540092
1433	2.2	18/19/22	Subtidal			a		x	-	-	No	-6.9	Berthing area	not defined	10-foot core	10.0		1270606	200666	-122.330645	47.540254
1434	2.3	20/21	Intertidal	x	x			x	-	-	No	-0.4	Intertidal	-	7.5 feet core	7.5		1270372	200315	-122.331564	47.539280
1435	2.3	17	Subtidal			a		a	-	-	No	-7.9	Other subtidal area	-	10-foot core	10.0		1270418	200366	-122.331381	47.539421
1436	2.3	16	Intertidal	x					-	-	No	-0.9	-	-	-	-		1270449	200293	-122.331248	47.539224
1437	2.3	16	Intertidal		a			x	-	-	No	-1.4	Intertidal	-	7.5 feet core	7.5		1270480	200256	-122.331121	47.539123
1438	2.3	17	Subtidal			a		a	-	-	No	-10.1	Other subtidal area	-	10-foot core	10.0		1270525	200306	-122.330943	47.539262
1439	2.3	17	Subtidal				a	x	-	-	Yes	-15.6	Within the FNC	-20 feet MLLW	-31 feet MLLW	15.4	4.4 feet	1270563	200345	-122.330792	47.539372
1440	2.3	-	Subtidal			x		a	-	-	Yes	-21.8	Within the FNC	-20 feet MLLW	-31 feet MLLW	9.2		1270624	200405	-122.330548	47.539538
1441	2.3	18/19/22	Subtidal			a		x	-	-	No	-16.4	Berthing area	not defined	10-foot core	10.0		1270672	200466	-122.330360	47.539708
1442	2.3	18/19/22	Subtidal			a		x	-	-	No	-7.0	Berthing area	not defined	10-foot core	10.0		1270731	200521	-122.330128	47.539861
1443	2.3	18/19/22	Intertidal		x			a	-	-	No	-2.5	Intertidal	-	7.5 feet core	7.5		1270804	200482	-122.329828	47.539758
1444	2.3	16	Intertidal	x	x				-	-	No	no data	-	-	-	-		1270486	200197	-122.331094	47.538961
1445	2.3	16	Subtidal	x					-	-	No	-9.4	-	-	-	-		1270566	200262	-122.330773	47.539145
1446	2.3	16	Intertidal	x					-	-	No	2.8	-	-	-	-		1270514	200173	-122.330978	47.538896

Table B-2
Sample Location Details (NOTE: Table updated; redline is not feasible for this table)

Location No. ¹	RM	Area No.	Tidal Category	Sample Type(s)					Reoccupation?	Toxicity Test? ²	In the FNC?	Mudline Elevation (ft MLLW) ³	Vertical Extent Details				Estimated Shoal Thickness	Target Coordinates			
				0-10 cm	0-45 cm	0-60 cm	Shoal	Vertical Extent					Vertical Category	Authorized or Operating Depth	Target Core Elevation or Length	Estimated Core Length (ft)		X	Y	Longitude	Latitude
1447	2.3	16	Intertidal	x	x			a	-	-	No	no data	Intertidal	-	7.5 feet core	7.5		1270553	200128	-122.330816	47.538776
1448	2.3	16	Intertidal		a			x	-	-	No	-0.3	Intertidal	-	7.5 feet core	7.5		1270600	200123	-122.330625	47.538765
1449	2.3	16	Intertidal	x	x			a	-	-	No	no data	Intertidal	-	7.5 feet core	7.5		1270601	200075	-122.330619	47.538632
1450	2.3	16	Subtidal	x		a		a	-	-	No	-7.9	Location-specific	not defined	10-foot core	10.0		1270644	200168	-122.330449	47.538891
1451	2.3	17	Subtidal				a	x	-	-	Yes	-14.5	Within the FNC	-20 feet MLLW	-31 feet MLLW	16.6	5.6 feet	1270689	200210	-122.330272	47.539008
1452	2.3	18/19/22	Subtidal			a		x	-	-	No	-14.4	Berthing area	not defined	10-foot core	10.0		1270833	200345	-122.329700	47.539386
1453	2.3	18/19/22	Subtidal			x		a	-	-	No	-16.0	Location-specific	-18 feet MLLW	10-foot core	10.0		1270903	200257	-122.329409	47.539149
1454	2.3	16	Intertidal	x	x			a	-	-	No	no data	Intertidal	-	7.5 feet core	7.5		1270653	200008	-122.330402	47.538452
1455	2.3	16	Intertidal	x	x			a	-	-	No	-0.7	Intertidal	-	7.5 feet core	7.5		1270684	200032	-122.330277	47.538520
1456	2.4	16	Intertidal	x	x			a	-	-	No	no data	Intertidal	-	7.5 feet core	7.5		1270680	199943	-122.330289	47.538277
1457	2.4	16	Intertidal		a			x	-	-	No	no data	Intertidal	-	7.5 feet core	7.5		1270707	199944	-122.330178	47.538280
1458	2.4	16	Intertidal	x	a			a	-	-	No	-1.5	Intertidal	-	7.5 feet core	7.5		1270756	199990	-122.329983	47.538408
1459	2.4	17	Subtidal			a		a	-	-	No	-12.1	Other subtidal area	-	10-foot core	10.0		1270815	200018	-122.329746	47.538488
1460	2.4	17	Subtidal				a	x	-	-	Yes	-16.7	Within the FNC	-20 feet MLLW	-31 feet MLLW	14.3	3.3 feet	1270839	200074	-122.329653	47.538644
1461	2.4	16	Intertidal	x					-	-	No	2.9	-	-	-	-		1270736	199906	-122.330056	47.538178
1462	2.4	16	Intertidal	x	x				-	-	No	-1.7	-	-	-	-		1270770	199921	-122.329919	47.538220
1463	2.4	16	Intertidal	x	x			a	-	-	No	1.2	Intertidal	-	7.5 feet core	7.5		1270767	199868	-122.329928	47.538075
1464	2.4	16	Subtidal	a		a			-	-	No	-6.5	-	-	-	-		1270840	199843	-122.329632	47.538010
1465	2.4	17	Subtidal			x		a	-	-	No	-15.3	Other subtidal area	-	10-foot core	10.0		1270881	199926	-122.329471	47.538240
1466	2.4	17	Subtidal				x	a	-	-	Yes	-18.5	Within the FNC	-20 feet MLLW	-31 feet MLLW	12.5	1.5 feet	1270935	199974	-122.329256	47.538374
1467	2.3	-	Intertidal		x				-	-	No	-3.4	-	-	-	-		1271040	200385	-122.328865	47.539506
1468	2.4	15	Subtidal			x		a	Yes	-	No	-5.0	Berthing area	-18 feet MLLW	-27 feet MLLW	22.0		1271171	200294	-122.328327	47.539264
1469	2.4	15	Intertidal	x	x			a	-	-	No	-1.6	Intertidal	-	7.5 feet core	7.5		1271239	200360	-122.328058	47.539447
1470	2.4	15	Intertidal		a			x	-	-	No	-3.6	Intertidal	-	7.5 feet core	7.5		1271248	200291	-122.328016	47.539260
1471	2.4	-	Subtidal	x					Yes	Yes	No	-15.2	-	-	-	-		1270973	200188	-122.329121	47.538963
1472	2.4	-	Subtidal	x					Yes	Yes	No	-15.8	-	-	-	-		1271111	200052	-122.328551	47.538597
1473	2.4	14	Subtidal	a					-	-	No	-10.6	-	-	-	-		1271249	200010	-122.327991	47.538490
1474	2.4	-	Subtidal	x					Yes	Yes	No	-16.3	-	-	-	-		1271248	199903	-122.327985	47.538196
1475	2.5	13	Subtidal	x					-	-	Yes	-20.4	-	-	-	-		1271225	199741	-122.328066	47.537752

Table B-2
Sample Location Details (NOTE: Table updated; redline is not feasible for this table)

Location No. ¹	RM	Area No.	Tidal Category	Sample Type(s)					Reoccupation?	Toxicity Test? ²	In the FNC?	Mudline Elevation (ft MLLW) ³	Vertical Extent Details				Estimated Shoal Thickness	Target Coordinates			
				0-10 cm	0-45 cm	0-60 cm	Shoal	Vertical Extent					Vertical Category	Authorized or Operating Depth	Target Core Elevation or Length	Estimated Core Length (ft)		X	Y	Longitude	Latitude
1476	2.5	13	Subtidal	x		x		a	-	-	No	-19.6	Other subtidal area	-	10-foot core	10.0		1271318	199775	-122.327690	47.537849
1477	2.5	13	Subtidal	x		x			-	-	No	-15.4	-	-	-	-		1271343	199825	-122.327593	47.537988
1478	2.5	13	Subtidal	x		x			-	-	No	-20.2	-	-	-	-		1271349	199718	-122.327560	47.537695
1479	2.5	13	Subtidal	a		a		x	-	-	No	-19.7	Other subtidal area	-	10-foot core	10.0		1271382	199756	-122.327431	47.537800
1480	2.5	13	Subtidal	x		x			-	-	No	-14.3	-	-	-	-		1271417	199793	-122.327294	47.537905
1481	2.5	-	Subtidal	x					Yes	Yes	No	-9.9	-	-	-	-		1271454	199817	-122.327144	47.537971
1482	2.5	10/13	Subtidal	x			x	a	-	-	Yes	-18.6	Within the FNC	-20 feet MLLW	-31 feet MLLW	12.5	1.5 feet	1271341	199608	-122.327586	47.537394
1483	2.5	13	Subtidal	x		x		a	-	-	No	-16.8	Other subtidal area	-	10-foot core	10.0		1271423	199712	-122.327260	47.537681
1484	2.5	11	Subtidal	x					Yes	Yes	No	-10.6	-	-	-	-		1271508	199744	-122.326920	47.537774
1485	2.5	12	Intertidal	x	x			a	-	-	No	no data	Intertidal	-	7.5 feet core	7.5		1271169	199403	-122.328264	47.536821
1486	2.5	12	Intertidal		a			x	-	-	No	0.7	Intertidal	-	7.5 feet core	7.5		1271209	199436	-122.328106	47.536914
1487	2.5	12	Subtidal	x					-	-	No	-7.6	-	-	-	-		1271216	199488	-122.328081	47.537056
1488	2.5	10	Subtidal				a	a	-	-	Yes	-13.9	Within the FNC	-20 feet MLLW	-31 feet MLLW	17.1	6.1 feet	1271347	199494	-122.327551	47.537081
1489	2.5	10	Subtidal				a	x	-	-	Yes	-17.9	Within the FNC	-20 feet MLLW	-31 feet MLLW	13.1	2.1 feet	1271410	199548	-122.327301	47.537232
1490	2.5	10	Subtidal			a		x	-	-	No	-17.5	Other subtidal area	-	10-foot core	10.0		1271508	199608	-122.326909	47.537401
1491	2.5	10	Subtidal			a		a	-	-	No	-8.7	Location-specific	-12 feet MLLW	10-foot core	10.0		1271426	199359	-122.327221	47.536715
1492	2.5	10	Subtidal				x	a	-	-	Yes	-19.2	Within the FNC	-20 feet MLLW	-31 feet MLLW	11.8	0.8 feet	1271522	199462	-122.326843	47.537003
1493	2.5	10	Subtidal			x		a	-	-	No	-19.2	Other subtidal area	-	10-foot core	10.0		1271533	199515	-122.326802	47.537147
1494	2.5	11	Subtidal	x		x		a	Yes	Yes	No	-8.1	Berthing area	-16 feet MLLW	-25 feet MLLW	16.9		1271650	199593	-122.326333	47.537368
1495	2.6	11	Subtidal			x		a	Yes	Yes	No	-6.1	Other subtidal area	-	10-foot core	10.0		1271719	199522	-122.326049	47.537177
1496	2.6	11	Intertidal	x					-	-	No	2.8	-	-	-	-		1271738	199528	-122.325973	47.537195
1497	2.6	11	Subtidal	x					Yes	Yes	No	-5.8	-	-	-	-		1271755	199472	-122.325898	47.537041
1498	2.6	11	Intertidal	x	x				-	-	No	1.4	-	-	-	-		1271767	199501	-122.325852	47.537123
1499	2.6	11	Intertidal		x				-	-	No	-0.6	-	-	-	-		1271807	199457	-122.325685	47.537003
1500	2.6	-	Subtidal			a			-	-	No	-17.1	-	-	-	-		1271675	199395	-122.326215	47.536825
1501	2.5	10	Subtidal				x		-	-	Yes	-11.4	-	-	-	-	8.6 feet	1271534	199346	-122.326784	47.536685
1502	2.6	10	Subtidal				x		-	-	Yes	-16.4	-	-	-	-	3.6 feet	1271604	199269	-122.326493	47.536477
1503	2.6	10	Subtidal				a	x	-	-	Yes	-17.7	Within the FNC	-20 feet MLLW	-31 feet MLLW	13.3	2.3 feet	1271702	199222	-122.326094	47.536354
1504	2.6	-	Intertidal		x				-	-	No	0.4	-	-	-	-		1271484	199179	-122.326971	47.536223
1505	2.6	10	Intertidal		x			a	-	-	No	-2.9	Intertidal	-	7.5 feet core	7.5		1271565	199158	-122.326645	47.536172
1506	2.6	9	Intertidal	a					-	-	No	no data	-	-	-	-		1271893	199352	-122.325331	47.536720

Table B-2
Sample Location Details (NOTE: Table updated; redline is not feasible for this table)

Location No. ¹	RM	Area No.	Tidal Category	Sample Type(s)					Reoccupation?	Toxicity Test? ²	In the FNC?	Mudline Elevation (ft MLLW) ³	Vertical Extent Details				Estimated Shoal Thickness	Target Coordinates			
				0-10 cm	0-45 cm	0-60 cm	Shoal	Vertical Extent					Vertical Category	Authorized or Operating Depth	Target Core Elevation or Length	Estimated Core Length (ft)		X	Y	Longitude	Latitude
1507	2.6	10	Subtidal			x		a	-	-	No	-16.1	Other subtidal area	-	10-foot core	10.0		1271843	199216	-122.325521	47.536343
1508	2.6	9	Intertidal		x			a	Yes	-	No	-3.0	Intertidal	-	7.5 feet core	7.5		1271908	199255	-122.325263	47.536455
1509	2.6	10	Subtidal			a		a	-	-	No	-10.9	Other subtidal area	-	10-foot core	10.0		1271769	199023	-122.325807	47.535812
1510	2.6	10	Subtidal					a	x	-	Yes	-16.2	Within the FNC	-20 feet MLLW	-31 feet MLLW	14.9	3.9 feet	1271806	199046	-122.325659	47.535876
1511	2.6	10	Subtidal					a	x	-	Yes	-19.3	Within the FNC	-20 feet MLLW	-31 feet MLLW	11.7	0.7 feet	1271867	199109	-122.325419	47.536053
1512	2.6	9	Intertidal	x					-	-	No	no data	-	-	-	-		1272014	199232	-122.324832	47.536399
1513	2.6	9	Intertidal		x			a	-	-	No	-0.8	Intertidal	-	7.5 feet core	7.5		1272027	199147	-122.324772	47.536165
1514	2.7	9	Intertidal	x					-	-	No	no data	-	-	-	-		1272099	199149	-122.324480	47.536174
1515	2.6	10	Subtidal					x	a	-	Yes	-17.3	Within the FNC	-20 feet MLLW	-31 feet MLLW	13.7	2.7 feet	1271900	198976	-122.325275	47.535690
1516	2.6	5	Intertidal	x					-	-	No	no data	-	-	-	-		1271776	198836	-122.325762	47.535301
1517	2.7	-	Subtidal	x					Yes	Yes	No	-14.1	-	-	-	-		1271920	198884	-122.325185	47.535439
1518	2.7	-	Subtidal	x					Yes	Yes	Yes	-19.2	-	-	-	-		1271983	198965	-122.324936	47.535664
1519	2.7	9	Intertidal		a			x	-	-	No	0.6	Intertidal	-	7.5 feet core	7.5		1272118	199091	-122.324398	47.536017
1520	2.7	9	Subtidal					x	-	-	Yes	-18.9	-	-	-	-	1.1 feet	1272083	198932	-122.324529	47.535580
1521	2.7	9	Subtidal			x			-	-	No	-12.7	-	-	-	-		1272126	198976	-122.324357	47.535701
1522	2.7	9	Intertidal		a			x	-	-	No	-1.7	Intertidal	-	7.5 feet core	7.5		1272168	199017	-122.324192	47.535817
1523	2.7	9	Intertidal	x					-	-	No	no data	-	-	-	-		1272199	199041	-122.324066	47.535885
1524	2.7	5	Intertidal		x			a	-	-	No	2.7	Intertidal	-	7.5 feet core	7.5		1271906	198680	-122.325226	47.534878
1525	2.7	5	Subtidal	x		x			-	-	No	-6.6	-	-	-	-		1271972	198723	-122.324962	47.535001
1526	2.7	5	Intertidal	x					-	-	No	no data	-	-	-	-		1271926	198571	-122.325137	47.534581
1527	2.7	5	Intertidal		x			x	-	-	No	-0.6	Intertidal	-	7.5 feet core	7.5		1271965	198604	-122.324981	47.534674
1528	2.7	5	Subtidal			a		x	-	-	No	-5.0	Berthing area	-20 feet MLLW	-29 feet MLLW	24.0		1272009	198668	-122.324808	47.534852
1529	2.7	5	Subtidal			a		a	-	-	No	-14.3	Location-specific	-20 feet MLLW	10-foot core	10.0		1272077	198746	-122.324539	47.535069
1530	2.7	5	Subtidal			x			-	-	No	-11.6	-	-	-	-		1272103	198671	-122.324427	47.534864
1531	2.7	5	Subtidal			a		a	-	-	No	-13.9	Location-specific	-20 feet MLLW	10-foot core	10.0		1272161	198676	-122.324192	47.534883
1532	2.7	5	Subtidal			x		a	Yes	-	No	-5.8	Berthing area	-20 feet MLLW	-29 feet MLLW	23.2		1272121	198579	-122.324348	47.534614
1533	2.8	5	Subtidal	x		x			-	-	No	-5.8	-	-	-	-		1272208	198507	-122.323989	47.534420
1534	2.7	9	Subtidal					a	x	-	Yes	-17.8	Within the FNC	-20 feet MLLW	-31 feet MLLW	13.2	2.2 feet	1272111	198782	-122.324403	47.535169
1535	2.7	9	Subtidal					a	x	-	Yes	-18.6	Within the FNC	-20 feet MLLW	-31 feet MLLW	12.4	1.4 feet	1272172	198856	-122.324162	47.535377
1536	2.7	9	Subtidal			a		x	-	-	No	-12.8	Other subtidal area	-	10-foot core	10.0		1272209	198896	-122.324016	47.535487
1537	2.7	9	Intertidal	x					-	-	No	2.2	-	-	-	-		1272289	198957	-122.323696	47.535658

Table B-2
Sample Location Details (NOTE: Table updated; redline is not feasible for this table)

Location No. ¹	RM	Area No.	Tidal Category	Sample Type(s)					Reoccupation?	Toxicity Test? ²	In the FNC?	Mudline Elevation (ft MLLW) ³	Vertical Extent Details				Estimated Shoal Thickness	Target Coordinates			
				0-10 cm	0-45 cm	0-60 cm	Shoal	Vertical Extent					Vertical Category	Authorized or Operating Depth	Target Core Elevation or Length	Estimated Core Length (ft)		X	Y	Longitude	Latitude
1538	2.7	9	Subtidal			a		a	-	-	No	-13.8	Other subtidal area	-	10-foot core	10.0		1272252	198850	-122.323839	47.535364
1539	2.7	9	Intertidal		a			a	-	-	No	-2.9	Intertidal	-	7.5 feet core	7.5		1272290	198894	-122.323687	47.535486
1540	2.7	9	Intertidal		a			x	-	-	No	no data	Intertidal	-	7.5 feet core	7.5		1272331	198942	-122.323527	47.535620
1541	2.7	9	Subtidal					a	x	-	Yes	-18.3	Within the FNC	-20 feet MLLW	-31 feet MLLW	12.8	1.8 feet	1272202	198729	-122.324031	47.535029
1542	2.7	9	Subtidal					a	x	-	Yes	-18.6	Within the FNC	-20 feet MLLW	-31 feet MLLW	12.4	1.4 feet	1272247	198780	-122.323851	47.535171
1543	2.7	9	Intertidal		x			a	-	-	No	0.3	Intertidal	-	7.5 feet core	7.5		1272377	198900	-122.323337	47.535508
1544	2.7	9	Subtidal			a		x	-	-	No	-13.1	Other subtidal area	-	10-foot core	10.0		1272352	198764	-122.323427	47.535133
1545	2.7	9	Intertidal		x			a	-	-	No	-1.3	Intertidal	-	7.5 feet core	7.5		1272409	198833	-122.323204	47.535324
1546	2.7	9	Intertidal	x	x			x	-	-	No	0.2	Location-specific	-	15 feet core	15.0		1272454	198881	-122.323023	47.535458
1547	2.7	9	Intertidal		x			a	-	-	No	1.0	Location-specific	-	15 feet core	15.0		1272479	198855	-122.322919	47.535389
1548	2.8	9	Subtidal	x					-	-	Yes	-18.6	-	-	-	-		1272379	198652	-122.323310	47.534827
1549	2.8	9	Subtidal			a		a	-	-	No	-13.4	Other subtidal area	-	10-foot core	10.0		1272419	198701	-122.323150	47.534964
1550	2.8	9	Intertidal		x			x	-	-	No	-0.7	Intertidal	-	7.5 feet core	7.5		1272472	198757	-122.322940	47.535119
1551	2.8	9	Intertidal	x	x			a	-	-	No	1.9	Intertidal	-	7.5 feet core	7.5		1272494	198811	-122.322857	47.535268
1552	2.8	9	Intertidal		a			x	-	-	No	no data	Intertidal	-	7.5 feet core	7.5		1272522	198809	-122.322743	47.535265
1553	2.8	9	Intertidal		a			x	-	-	No	no data	Intertidal	-	7.5 feet core	7.5		1272538	198748	-122.322673	47.535099
1554	2.8	9	Subtidal			a		a	-	-	No	-14.2	Other subtidal area	-	10-foot core	10.0		1272508	198621	-122.322783	47.534750
1555	2.8	9	Intertidal		x			a	-	-	No	-2.1	Intertidal	-	7.5 feet core	7.5		1272548	198672	-122.322627	47.534890
1556	2.8	9	Intertidal		a			x	-	-	No	no data	Intertidal	-	7.5 feet core	7.5		1272573	198702	-122.322528	47.534975
1557	2.8	9	Intertidal	x	x				-	-	No	-1.2	-	-	-	-		1272626	198667	-122.322312	47.534881
1558	2.8	9	Subtidal	x				x	-	-	Yes	-18.9	-	-	-	-	1.1 feet	1272545	198523	-122.322628	47.534482
1559	2.8	7	Subtidal			x		x	Yes	-	No	-11.0	Other subtidal area	-	10-foot core	10.0		1272647	198588	-122.322219	47.534666
1560	2.8	8	Intertidal	x	a			a	-	-	No	-1.7	Intertidal	-	7.5 feet core	7.5		1272724	198637	-122.321912	47.534804
1561	2.8	5	Intertidal	x	x			a	-	-	No	no data	Intertidal	-	7.5 feet core	7.5		1272264	198378	-122.323752	47.534071
1562	2.8	5	Intertidal		a			x	-	-	No	-0.9	Intertidal	-	7.5 feet core	7.5		1272300	198414	-122.323610	47.534171
1563	2.8	6	Subtidal			a		x	-	-	No	-13.2	Other subtidal area	-	10-foot core	10.0		1272354	198496	-122.323398	47.534398
1564	2.8	5	Intertidal	x	x			a	-	-	No	no data	Intertidal	-	7.5 feet core	7.5		1272327	198330	-122.323493	47.533941
1565	2.8	5	Intertidal	x	x			a	-	-	No	3.2	Intertidal	-	7.5 feet core	7.5		1272384	198331	-122.323262	47.533947
1566	2.8	5	Intertidal	x	x			a	-	-	No	no data	Intertidal	-	7.5 feet core	7.5		1272417	198263	-122.323127	47.533764
1567	2.8	5	Intertidal	x	x				-	-	No	2.3	-	-	-	-		1272491	198241	-122.322822	47.533707
1568	2.8	5	Intertidal	x	x			a	-	-	No	no data	Intertidal	-	7.5 feet core	7.5		1272505	198195	-122.322765	47.533582

Table B-2
Sample Location Details (NOTE: Table updated; redline is not feasible for this table)

Location No. ¹	RM	Area No.	Tidal Category	Sample Type(s)					Reoccupation?	Toxicity Test? ²	In the FNC?	Mudline Elevation (ft MLLW) ³	Vertical Extent Details				Estimated Shoal Thickness	Target Coordinates			
				0-10 cm	0-45 cm	0-60 cm	Shoal	Vertical Extent					Vertical Category	Authorized or Operating Depth	Target Core Elevation or Length	Estimated Core Length (ft)		X	Y	Longitude	Latitude
1569	2.8	4	Intertidal	a					-	-	No	-2.9	-	-	-	-		1272557	198200	-122.322552	47.533598
1570	2.8	4	Intertidal	x					-	-	No	-3.0	-	-	-	-		1272583	198168	-122.322445	47.533510
1571	2.8	4	Subtidal	a					-	-	No	-8.2	-	-	-	-		1272616	198187	-122.322314	47.533566
1572	2.9	-	Subtidal	x					Yes	Yes	No	-11.0	-	-	-	-		1272667	198173	-122.322106	47.533530
1573	2.8	-	Subtidal			x			-	-	No	-17.0	-	-	-	-		1272728	198413	-122.321877	47.534191
1574	2.9	-	Subtidal	x					Yes	Yes	No	-13.2	-	-	-	-		1272806	198375	-122.321559	47.534091
1575	2.8	3	Subtidal	x					-	-	No	-9.5	-	-	-	-		1273124	198811	-122.320307	47.535302
1576	2.8	3	Subtidal	x					-	-	No	-8.7	-	-	-	-		1273160	198846	-122.320162	47.535401
1577	2.9	2	Subtidal			a			-	-	Yes	-17.5	-	-	-	-		1272827	198184	-122.321461	47.533570
1578	2.9	-	Subtidal	x					Yes	Yes	No	-15.0	-	-	-	-		1272814	198084	-122.321504	47.533293
1579	2.9	2	Subtidal			x		a	-	-	Yes	-16.9	Within the FNC	-15 feet MLLW	-26 feet MLLW	9.1		1272916	198116	-122.321095	47.533386
1580	2.9	-	Subtidal	x					Yes	Yes	No	-14.1	-	-	-	-		1272959	197947	-122.320906	47.532926
1581	2.9	2	Subtidal			a		a	-	-	No	-13.9	Other subtidal area	-	10-foot core	10.0		1272957	197944	-122.320914	47.532917
1582	2.9	2	Subtidal			a		x	-	-	Yes	-16.8	Within the FNC	-15 feet MLLW	-26 feet MLLW	9.2		1273031	198020	-122.320621	47.533130
1583	3	1	Subtidal	a					Yes	-	No	-7.2	-	-	-	-		1273017	197828	-122.320663	47.532602
1584	3	1	Subtidal	x		a		a	Yes	Yes	No	-13.8	Other subtidal area	-	10-foot core	10.0		1273108	197808	-122.320292	47.532553
1585	3	-	Intertidal		x				-	-	No	-3.3	-	-	-	-		1273137	197709	-122.320167	47.532283
1586	3	2	Subtidal			a		x	-	-	Yes	-17.6	Within the FNC	-15 feet MLLW	-26 feet MLLW	8.4		1273177	197888	-122.320019	47.532775
Under-Structure Locations																					
1821	1.8	30	Intertidal	a					-	-	No	0.2	-	-	-	-		1269245	202208	-122.336273	47.544408
1822	2.1	23	Subtidal	a					-	-	No	-9.2	-	-	-	-		1270229	201185	-122.332212	47.541655
1823	2.1	23	Subtidal	x		a			-	-	No	-8.8	-	-	-	-		1270262	201149	-122.332072	47.541558
1824	2.2	23	Subtidal	x		a			-	-	No	-6.4	-	-	-	-		1270345	201066	-122.331732	47.541337
1825	2.2	23	Subtidal	a					-	-	No	-5.0	-	-	-	-		1270392	201019	-122.331538	47.541210
1826	2.4	14	Intertidal	a					-	-	No	-1.4	-	-	-	-		1271247	200076	-122.328001	47.538670
1827	2.4	14	Intertidal	x					Yes	Yes	No	-3.2	-	-	-	-		1271275	200039	-122.327886	47.538570
1828	2.7	5	Intertidal	x	x				-	-	No	no data	-	-	-	-		1272091	198551	-122.324466	47.534537
1829	2.8	5	Intertidal	x	x				-	-	No	no data	-	-	-	-		1272176	198476	-122.324117	47.534334
1830	2.8	8	Intertidal	x					Yes	-	No	no data	-	-	-	-		1272725	198652	-122.321909	47.534846
1831	2.8	-	Intertidal	x					Yes	-	No	no data	-	-	-	-		1272814	198655	-122.321549	47.534859
1832	2.8	-	Intertidal	x					Yes	-	No	no data	-	-	-	-		1272928	198683	-122.321089	47.534941

Table B-2
Sample Location Details (NOTE: Table updated; redline is not feasible for this table)

Location No. ¹	RM	Area No.	Tidal Category	Sample Type(s)					Reoccupation?	Toxicity Test? ²	In the FNC?	Mudline Elevation (ft MLLW) ³	Vertical Extent Details				Estimated Shoal Thickness	Target Coordinates				
				0-10 cm	0-45 cm	0-60 cm	Shoal	Vertical Extent					Vertical Category	Authorized or Operating Depth	Target Core Elevation or Length	Estimated Core Length (ft)		X	Y	Longitude	Latitude	
1833	2.8	3	Intertidal	x					Yes	-	No	no data	-	-	-	-		1273045	198795	-122.320625	47.535255	
1834	2.8	3	Intertidal	x					Yes	-	No	0.7	-	-	-	-		1273199	198931	-122.320012	47.535636	
Upland Soil Locations																						
UP3	2.4	15	Upland					a	-	-	-	16.2	Upland boring	-	20 feet boring	20.0		1271276	200377	-122.327911	47.539496	

Notes:

- Phase I samples that are being analyzed as part of Phase II are not shown in this table because no sample collection is needed for these samples.
- As described in Section 4.1.5, toxicity tests will be conducted automatically for some locations, whereas for other locations, the determination of whether a toxicity test will be conducted will be based on the expedited chemistry results. During sample collection, sufficient sediment will be collected for toxicity testing at both confirmed and potential toxicity testing locations.
- Mudline elevations are based on the 2021/2023 bathymetry survey data. Locations where this column indicates "no data" are outside of the bathymetry survey area (typically at a higher elevation than could be surveyed).

a: Tier 2 sample to be collected and archived
 cm: centimeter
 FNC: Federal Navigation Channel
 MLLW: mean lower low water
 RM: river mile
 x: Tier 1 sample to be collected and analyzed

Table B-3a
Vertical Extent Core Profiles (part 1)

RM 1.6-1.7 (East)			RAL Exceedance Areas 32 and 34 (Slip 2)					RAL Exceedance Area 33 and Area 30 (Slip 2)				RAL Exceedance Area 29 – Intertidal (RM 1.9 East)																						
Loc. ID:	1301	1302	Loc. ID:	1309	1310	1312	1321	1320	Loc. ID:	1318	1317	1330	Location ID:	1351	1352	1355	1358	1359	1360	1361	1362	1363	1364	1367	1368	1369	1370	1373	1374	1376	1377	1378		
Mudline:	-24.0	-23.9	Mudline:	-19.5	-17.0	-8.9	-19.0	-13.8	Mudline:	-0.6	no data	-1.0	Mudline:	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data	5.0	-2.0	no data	no data		
Core Target:	-40 ft MLLW	-40 ft MLLW	Core Target:	10 ft core	10 ft core	-21 ft MLLW	10 ft core	10 ft core	Core Target:	7.5 ft core	7.5 ft core	7.5 ft core	Core Target:	7.5 ft core	7.5 ft core	7.5 ft core	7.5 ft core	7.5 ft core	7.5 ft core	7.5 ft core	7.5 ft core	7.5 ft core	7.5 ft core	7.5 ft core	7.5 ft core	7.5 ft core	7.5 ft core	7.5 ft core	7.5 ft core	7.5 ft core	7.5 ft core	7.5 ft core		
-24 to -25 ft	0-60	0-60	-9 to -10 ft			0-60			6 to 5 ft	>+6 ft	0-45		5 to 4 ft																					
-25 to -26 ft			-10 to -11 ft						5 to 4 ft		B		4 to 3 ft																					
-26 to -27 ft	B	B	-11 to -12 ft			B			4 to 3 ft		C		3 to 2 ft																					
-27 to -28 ft	C	C	-12 to -13 ft			C			3 to 2 ft		D		2 to 1 ft																					
-28 to -29 ft	D	D	-13 to -14 ft			D			2 to 1 ft		E		1 to 0 ft																					
-29 to -30 ft	E	E	-14 to -15 ft			E		0-60	1 to 0 ft		F		0 to -1 ft																					
-30 to -31 ft	F	F	-15 to -16 ft			F			0 to -1 ft	0-45	G		-1 to -2 ft																					
-31 to -32 ft	G	G	-16 to -17 ft			G		B	-1 to -2 ft			0-45	-2 to -3 ft																					
-32 to -33 ft	H	H	-17 to -18 ft	0-60		H		C	-2 to -3 ft	B		B	-3 to -4 ft																					
-33 to -34 ft	I	I	-18 to -19 ft			I		D	-3 to -4 ft	C		C	-4 to -5 ft																					
-34 to -35 ft	J	J	-19 to -20 ft	0-60	B	J	0-60	E	-4 to -5 ft	D		D	-5 to -6 ft																					
-35 to -36 ft	K	K	-20 to -21 ft		C	K		F	-5 to -6 ft	E		E	-6 to -7 ft																					
-36 to -37 ft	L	L	-21 to -22 ft	B	D		B	G	-6 to -7 ft	F		F	-7 to -8 ft																					
-37 to -38 ft	M	M	-22 to -23 ft	C	E		C	H	-7 to -8 ft	G		G	-8 to -9 ft																					
-38 to -39 ft	N	N	-23 to -24 ft	D	F		D	I	-8 to -9 ft				-9 to -10 ft																					
-39 to -40 ft	O	O	-24 to -25 ft	E	G		E																											
			-25 to -26 ft	F	H		F																											
			-26 to -27 ft	G	I		G																											
			-27 to -28 ft	H			H																											
			-28 to -29 ft	I			I																											
			-29 to -30 ft																															

Notes:
Mudline elevation are shown in ft MLLW (no data indicates that location is outside of the bathymetry coverage area; estimated elevations shown at the top of the core are used for these locations). Sample interval measurements are in cm. Blue shading indicates grouping of cores in transects.
Cell colors indicate the following: **Orange** – Tier 1 sample to be analyzed; **Yellow** – Tier 2 sample to be archived for potential analysis.
ID: identification MLLW: mean lower low water

Table B-3c
Vertical Extent Core Profiles (part 3)

RAL Exceedance Area 28 North – FNC and Side Slopes (RM 1.8 – 2.0)																						
Loc. ID:	1323	1324	1325	1326	1327	1328	1329	1334	1335	1336	1337	1338	1339	1340	1348	1341	1342	1343	1344	1345	1346	1347
Mudline:	-28.5	-28.6	-26.7	-21.9	-25.2	-24.2	-16.1	-18.7	-24.7	-26.0	-17.6	-17.1	-24.5	-21.7	-12.9	-19.8	-17.3	-25.5	-22.1	-16.0	-28.2	-21.1
Core Target:	-41 ft MLLW	-41 ft MLLW	-41 ft MLLW	20 ft core	-41 ft MLLW	-41 ft MLLW	20 ft core	20 ft core	-41 ft MLLW	-41 ft MLLW	20 ft core	20 ft core	-41 ft MLLW	-41 ft MLLW	20 ft core	-41 ft MLLW	20 ft core	-41 ft MLLW	-41 ft MLLW	20 ft core	-41 ft MLLW	-41 ft MLLW
-13 to -14 ft															0-60							
-14 to -15 ft															B							
-15 to -16 ft															C							
-16 to -17 ft							0-60								D					0-60		
-17 to -18 ft							B					0-60	0-60		E					B		
-18 to -19 ft							C	0-60				B	B		F					C		
-19 to -20 ft							D	B				C	C		G	shoal			D			
-20 to -21 ft							E	C				D	D		H				E			shoal
-21 to -22 ft							F	D				E	E		I				F			
-22 to -23 ft			0-60				G	E				F	F		J	shoal			G			
-23 to -24 ft							H	F	shoal			G	G	shoal	K				H			shoal
-24 to -25 ft							I	G				H	H		L				I			
-25 to -26 ft					shoal		J	H		shoal		I	I		M			shoal	J			
-26 to -27 ft			shoal				K	I	shoal			J	J	shoal	N	shoal			K			shoal
-27 to -28 ft			shoal		shoal		L	J		shoal		K	K		O				L	shoal		
-28 to -29 ft	shoal	shoal					M	K				L	L		P				M			
-29 to -30 ft							N	L	over-dredge	over-dredge		M	M	over-dredge	over-dredge	Q	over-dredge		N	over-dredge	over-dredge	over-dredge
-30 to -31 ft	over-dredge	over-dredge	over-dredge	H	over-dredge	over-dredge	O	M				N	N		R				O			
-31 to -32 ft				I			P	N	D	D		O	O	D	E	S	E		P	C	E	
-32 to -33 ft	C	C	D	J	D	D	Q	N	E	E		P	P	E	F		F		Q	D	F	
-33 to -34 ft	D	D	E	K	E	E	R	O	F	F		Q	Q	F	G		G		R	E	G	
-34 to -35 ft	E	E	F	L	F	F	S	P	G	G		R	R	G	H		H		S	F	H	
-35 to -36 ft	F	F	G	M	G	G		Q	H	H		S	S	H	I		I			G	I	
-36 to -37 ft	G	G	H	N	H	H		R	I	I				I	J		J			H	J	
-37 to -38 ft	H	H	I	O	I	I		S	J	J				J	K		K			I	K	
-38 to -39 ft	I	I	J	P	J	J			K	K				K	L		L			J	L	
-39 to -40 ft	J	J	K	Q	K	K			L	L				L	M		M			K	M	
-40 to -41 ft	K	K	L	R	L	L																
-41 to -42 ft				S																		

Notes:
Mudline elevation are shown in ft MLLW (no data indicates that location is outside of the bathymetry coverage area; estimated elevations shown at the top of the core are used for these locations).
Sample interval measurements are in cm. Blue shading indicates grouping of cores in transects.
Cell colors indicate the following: **Orange** – Tier 1 sample to be analyzed; **Yellow** – Tier 2 sample to be archived for potential analysis.
ID: identification MLLW: mean lower low water

Table B-3f
Vertical Extent Core Profiles (part 6)

RAL Exceedance Areas 5 and 9 Subtidal – FNC and Side Slopes (RM 2.6-2.8)													
Location ID:	1528	1529	1534	1535	1536	1532	1531	1541	1542	1538	1544	1549	1554
Mudline:	-5.0	-14.3	-17.8	-18.6	-12.8	-5.8	-13.9	-18.3	-18.6	-13.8	-13.1	-13.4	-14.2
Core Target:	-29 ft MLLW	10 ft core	-31 ft MLLW	-31 ft MLLW	10 ft core	-29 ft MLLW	10 ft core	-31 ft MLLW	-31 ft MLLW	10 ft core	10 ft core	10 ft core	10 ft core
-5 to -6 ft	0-60												
-6 to -7 ft						0-60							
-7 to -8 ft	B												
-8 to -9 ft	C												
-9 to -10 ft	D												
-10 to -11 ft	E												
-11 to -12 ft	F												
-12 to -13 ft	G												
-13 to -14 ft	H					0-60						0-60	
-14 to -15 ft	I							0-60				0-60	
-15 to -16 ft	J	0-60				B						B	
-16 to -17 ft	K					C	J	B				C	B
-17 to -18 ft	L	B				D	K	C				D	C
-18 to -19 ft	M	C	shoal	shoal		E	L	D	shoal	shoal		E	D
-19 to -20 ft	N	D				F	M	E				F	E
-20 to -21 ft	O	E	over-dredge	over-dredge		G	N	F	over-dredge	over-dredge		G	F
-21 to -22 ft	P	F				H	O	G				H	G
-22 to -23 ft	Q	G	C	C		I	P	H	C	C		I	H
-23 to -24 ft	R	H	D	D			Q	I	D	D		I	I
-24 to -25 ft	S	I	E	E			R		E	E			
-25 to -26 ft	T		F	F			S		F	F			
-26 to -27 ft	U		G	G			T		G	G			
-27 to -28 ft	V		H	H			U		H	H			
-28 to -29 ft	W		I	I			V		I	I			
-29 to -30 ft			J	J					J	J			
-30 to -31 ft			K	K					K	K			

Notes:
Mudline elevation are shown in ft MLLW (no data indicates that location is outside of the bathymetry coverage area; estimated elevations shown at the top of the core are used for these locations).
Sample interval measurements are in cm. Blue shading indicates grouping of cores in transects.
Cell colors indicate the following: **Orange** – Tier 1 sample to be analyzed; **Yellow** – Tier 2 sample to be archived for potential analysis.
ID: identification MLLW: mean lower low water

Table B-3g
Vertical Extent Core Profiles (part 7)

RAL Exceedance Area 9 Intertidal and RAL Exceedance Area 8 (RM 2.6-2.8 East)																RAL Exceedance Areas 6 and 7 (RM 2.8)		RAL Exceedance Area 5 Intertidal (RM 2.65-2.85 West)								RAL Exceedance Area 1 and 2 (RM 2.9-3.0)																				
Loc. ID:	1508	1513	1519	1522	1539	1540	1543	1545	1546	1547	1550	1551	1552	1553	1555	1556	1560	Loc. ID:	1563	1559	Location ID:	1524	1527	1561	1562	1564	1565	1566	1568	Loc. ID:	1579	1581	1582	1584	1586											
Mudline:	-3.0	-0.8	0.6	-1.7	-2.9	no data	0.3	-1.3	0.2	1.0	-0.7	1.9	no data	no data	-2.1	no data	-1.7	Mudline:	-13.2	-11.0	Mudline:	2.7	-0.6	no data	-0.9	no data	3.2	no data	no data	Mudline:	-16.9	-13.9	-16.8	-13.8	-17.6											
Core Target:	7.5 ft core	7.5 ft core	7.5 ft core	7.5 ft core	7.5 ft core	7.5 ft core	7.5 ft core	7.5 ft core	15 ft core	15 ft core	7.5 ft core	7.5 ft core	7.5 ft core	7.5 ft core	7.5 ft core	7.5 ft core	7.5 ft core	Core Target:	10 ft core	10 ft core	Core Target:	7.5 ft core	7.5 ft core	7.5 ft core	7.5 ft core	7.5 ft core	7.5 ft core	7.5 ft core	7.5 ft core	Core Target:	-26 ft MLLW	10 ft core	-26 ft MLLW	10 ft core	-26 ft MLLW											
3 to 2 ft																		-11 to -12 ft		0-60	4 to 3 ft			>+4 ft 0-45	>+4 ft 0-45										-14 to -15 ft		0-60		0-60							
2 to 1 ft					>+2 ft 0-45													-12 to -13 ft			3 to 2 ft	0-45															-15 to -16 ft									
1 to 0 ft			0-45			B	0-45			0-45								-13 to -14 ft	0-60	B	2 to 1 ft	B		B			0-45	0-45								-16 to -17 ft		B		B						
0 to -1 ft						C												-14 to -15 ft		C	1 to 0 ft	C		C			B	B								-17 to -18 ft	0-60	C	0-60	C	0-60					
-1 to -2 ft		0-45	B			D												-15 to -16 ft	B	D	0 to -1 ft	D		D			C	C									-18 to -19 ft		D		D		0-60			
-2 to -3 ft		B	C			E												-16 to -17 ft	C	E	-1 to -2 ft	E		E			D	D									-19 to -20 ft	B	E	B	E		0-60			
-3 to -4 ft	0-45		D	B		F												-17 to -18 ft	D	F	-2 to -3 ft	F		F			E	E									B	-20 to -21 ft	C	F	C	F				
-4 to -5 ft		C	E			G												-18 to -19 ft	E	G	-3 to -4 ft	G		G			F	F									C	-21 to -22 ft	D	G	D	G				
-5 to -6 ft		D	F															-19 to -20 ft	F	H	-4 to -5 ft						G	G										D	-22 to -23 ft	E	H	E	H			
-6 to -7 ft		E	G															-20 to -21 ft	G	I	-5 to -6 ft						H	H										E	-23 to -24 ft	F	I	F	I			
-7 to -8 ft		F																-21 to -22 ft	H		-6 to -7 ft						I	I										F	-24 to -25 ft	G		G				
-8 to -9 ft		G																-22 to -23 ft	I		-7 to -8 ft																		G	-25 to -26 ft	H		H			
-9 to -10 ft																					-8 to -9 ft																		H							
-10 to -11 ft																																														
-11 to -12 ft																																														
-12 to -13 ft																																														
-13 to -14 ft																																														
-14 to -15 ft																																														

Notes:
Mudline elevation are shown in ft MLLW (no data indicates that location is outside of the bathymetry coverage area; estimated elevations shown at the top of the core are used for these locations). Sample interval measurements are in cm. Blue shading indicates grouping of cores in transects.
Cell colors indicate the following: **Orange** – Tier 1 sample to be analyzed; **Yellow** – Tier 2 sample to be archived for potential analysis.
ID: identification MLLW: mean lower low water

Table B-4
Summary of Sampling Design Key Objectives by RAL Exceedance Area

RAL Exceedance Area	Location	Tidal Category	Summary of Phase II Sampling Design
-	RM 1.6–1.7E	Subtidal	Key objectives: Characterize area with interpolation uncertainty in Recovery Category 1 area related to locations SC1009 and SC1014 (both of which have PCB concentrations greater than the Recovery Category 1 area RAL of 12 mg/kg OC) and near pre-PDI cores without RAL interval data with PCB concentrations above the Recovery Category 1 RAL (12 mg/kg OC). PCB concentrations at other surface and subsurface samples in this area are below 12 mg/kg OC. Area-specific characteristics: Adjacent to structure at Certainteed.
34	Slip 2	Subtidal	Key objectives: Characterize area with interpolation uncertainty related to 2006 location LDW-SC32, which is just outside of the Recovery Category 1 area. The 0–2-foot interval in this core had a PCB concentration of 91.9 mg/kg OC (i.e., below the Recovery Category 3 RAL but above the Recovery Category 1 RAL). Area-specific characteristics: None.
33	Slip 2	Intertidal	Key objectives: Horizontal bounding and vertical extent of contamination. Area-specific characteristics: Adjacent to shoreline; bank area is also targeted for sample collection (below MHHW).
32	RM 1.75	Subtidal	Key objectives: Horizontal bounding and vertical extent of contamination. Area-specific characteristics: Near structure at Samson.
31	Slip 2	Intertidal	Key objectives: Horizontal bounding. Area-specific characteristics: Adjacent to shoreline.
30	RM 1.8E	Intertidal	Key objectives: Horizontal bounding and (if needed) vertical extent of contamination in nearby Recovery Category 1 area. Area-specific characteristics: Adjacent to shoreline.
29	RM 1.9–2.0E	Intertidal/ Subtidal	Key objectives: Horizontal bounding and vertical extent of contamination. High density of sampling is planned in this area based on elevated PCB concentrations (> 50 mg/kg dw) in Phase I sample IT1067. Ecology has requested that the property owner conduct upland soil sampling as part of the upland MTCA site investigation. Area-specific characteristics: Adjacent to shoreline.

RAL Exceedance Area	Location	Tidal Category	Summary of Phase II Sampling Design
28	RM 1.8–2.1	Subtidal	Key objectives: Horizontal bounding (at north and south ends of area) and vertical extent of contamination. Collect vertical extent cores in side slope area to inform RD (analytes and intervals will be determined as part of Tier 2). Area-specific characteristics: Shoaled area within the FNC and area under the First Ave South Bridge.
27	RM 2.0E	Intertidal/ Subtidal	Key objectives: Horizontal bounding and vertical extent of contamination. Area-specific characteristics: Adjacent to shoreline and boat ramp under First Ave South Bridge.
26	RM 2.05W	Intertidal/ Subtidal	Key objectives: Reoccupy samples with 2011 BEHP RAL exceedances for potential toxicity testing and (if needed) horizontal bounding. Area-specific characteristics: Adjacent to shoreline.
25	Slip 3	Subtidal	Key objectives: Conduct toxicity testing for Phase I PDI sample with zinc and phenol RAL and (if needed) horizontal bounding. Area-specific characteristics: None.
24	Slip 3	Intertidal	Key objectives: Horizontal bounding and (if needed) vertical extent of contamination. Area-specific characteristics: Adjacent to shoreline at the head of Slip 3; evaluate sediment adjacent to 2011 Ecology bank samples.
23	RM 2.15E	Subtidal	Key objectives: Horizontal bounding; only surface sediment samples will be collected because subsurface samples in this area have all been below the Recovery Category 1 RAL for PCBs (12 mg/kg OC). Area-specific characteristics: Under-structure at SeaTac Marine.
22/19/18	RM 2.2–2.35E	Intertidal/ Subtidal	Key objectives: Characterize new Recovery Category 1 area (analyze Phase I archive subsurface samples for other Recovery Category 1 COCs with RALs) and vertical extent of contamination. Area-specific characteristics: Based on Phase I sampling observations, riprap likely extends into the subtidal zone at the northern end of this area.
21	RM 2.1–2.3W	Intertidal	Key objectives: Horizontal bounding and vertical extent of contamination. Sample collection planned in bank area (below MHHW) where possible to inform RD. Area-specific characteristics: Adjacent to shoreline.
20	RM 2.2 W	Intertidal	Area is addressed in a separate PDI QAPP addendum (i.e., QAPP Addendum No. 2). Horizontal bounding and vertical extent of contamination in area just to east of Inlet at RM 2.2W.
17	RM 2.1–2.4	Subtidal	Key objectives: Horizontal bounding and vertical extent of contamination. Collect vertical extent cores in side slope area to inform design (analytes and intervals will be determined as part of Tier 2). Area-specific characteristics: Shoaled area within the FNC.

RAL Exceedance Area	Location	Tidal Category	Summary of Phase II Sampling Design
16	RM 2.2–2.4W	Intertidal	<p>Key objectives: Horizontal bounding and vertical extent of contamination. The southern part of this area has a higher density of Phase II samples because of elevated PCB concentrations at Phase I location 1147 (10,810 µg/kg dw in the 0–10-cm interval and 15,490 µg/kg dw in the 0–45-cm interval). Sample collection planned in bank area (below MHHW) to inform RD. Samples will also be collected to evaluate sediment adjacent to 2011 Ecology bank samples (2 out of 4 of which are above MHHW) at upstream end of this area.</p> <p>Area-specific characteristics: Adjacent to shoreline.</p>
15	RM 2.4E	Intertidal/ Subtidal	<p>Key objectives: Horizontal bounding, vertical extent of contamination and reoccupy 2006 subsurface sample (in area with > 2 feet of deposition). Sample collection in bank area below MHHW is not anticipated to be possible, and thus an upland soil sample from the top of bank will be collected to inform RD.</p> <p>Area-specific characteristics: Adjacent to shoreline.</p>
14	RM 2.4E	Intertidal/ Subtidal	<p>Key objectives: Reoccupy Phase I PDI sample with PAH RAL exceedances for potential toxicity testing and (if needed) horizontal bounding.</p> <p>Area-specific characteristics: Under/adjacent to structure to the north structure at Seattle Iron and Metals.</p>
13	RM 2.5	Subtidal	<p>Key objectives: Horizontal bounding and vertical extent of contamination (if needed). Higher density of sampling planned around SS1711 (with its PCB concentration of 171,000 µg/kg dw).</p> <p>Area-specific characteristics: None.</p>
12	RM 2.5W	Intertidal	<p>Key objectives: Horizontal bounding and vertical extent of contamination.</p> <p>Area-specific characteristics: Adjacent to shoreline.</p>
11	RM 2.5–2.6E	Intertidal/ Subtidal	<p>Key objectives: Reoccupy Phase I PDI samples for toxicity testing (various chemicals), horizontal bounding (south end of area), and (if needed) vertical extent of contamination. Evaluate sediment adjacent to 2011 Ecology bank samples (which are above MHHW).</p> <p>Area-specific characteristics: Adjacent to south structure at Seattle Iron and Metals and shoreline.</p>
10	RM 2.5–2.7	Subtidal	<p>Key objectives: Horizontal bounding and vertical extent of contamination. Also collect vertical extent cores in side slope areas to inform RD (specific intervals and analytes will be determined in Tier 2).</p> <p>Area-specific characteristics: Shoaled area within the FNC.</p>

RAL Exceedance Area	Location	Tidal Category	Summary of Phase II Sampling Design
9	RM 2.6–2.8E	Intertidal/ Subtidal	Key objectives: Horizontal bounding and vertical extent of contamination. Higher density of samples planned around historic structure to inform RD, given complexity of this area. In addition, sample collection is planned in bank area below MHHW adjacent to 2011 Ecology bank samples (the majority of which were collected above MHHW). Area-specific characteristics: Adjacent to shoreline, including Beach 6 area/Gateway Park. This shoreline area is armored with non-natural materials (i.e., rock) and voids within the bank are expected to allow for collection of 0-10-cm samples.
8	RM 2.8W	Intertidal	Key objectives: Reoccupy 2013 under-structure sample (near top of bank within riprap), horizontal bounding, and (if needed) vertical extent of contamination. Area-specific characteristics: Under/adjacent to structure at Waste Management. Also adjacent to shoreline with significant armoring.
7	RM 2.8	Subtidal	Key objectives: Reoccupy 2006 subsurface sample due to significant deposition (> 2 ft) in area and vertical extent of contamination. Area-specific characteristics: None.
6	RM 2.8	Subtidal	Key objectives: Vertical extent of contamination. Area-specific characteristics: None.
5	RM 2.65–2.8W	Intertidal/ Subtidal	Key objectives: Horizontal bounding and vertical extent of contamination. Area-specific characteristics: Adjacent to shoreline and under/adjacent to structure at Pacific Pile and Marine.
4	PCBs	Intertidal/ Subtidal	Key objectives: Reoccupy 2011 samples and (if needed) horizontal bounding. Area-specific characteristics: None.
3	Slip 4	Intertidal/ Subtidal	Key objectives: Horizontal bounding and reoccupy 2013 under-structure samples (near top of bank within riprap). Area-specific characteristics: Includes area under and adjacent to structure in Slip 4 (Waste Management).
2	RM 2.9–3.0	Subtidal	Key objectives: Horizontal bounding (to north) and vertical extent of contamination. Also collect vertical extent cores in side slope areas to inform RD (specific intervals and analytes will be determined in Tier 2). Area-specific characteristics: Shoaled area within the FNC
1	RM 2.95W	Subtidal	Key objectives: Horizontal bounding (including reoccupations of a 2018 sample and a 2023 sample [toxicity testing]). Area-specific characteristics: None.

Notes:

BEHP: bis(2-ethylhexyl) phthalate

COC: chemical of concern

FINAL

dw: dry weight

Ecology: Washington State Department of Ecology

FNC: Federal Navigation Channel

MHHW: mean-higher-high-water

OC: organic carbon

PAH: polycyclic aromatic hydrocarbon

PCB: polychlorinated biphenyls

PDI: Pre-Design Investigation

QAPP: quality assurance project plan

RAL: remedial action level

RD: remedial design

RM: river mile