				Location	16TH-ST1		
				Sample Date	15 Sep 2025		
				Sample Name	16TH-ST1-091525		
				Drainage Type	SD		
				Sample Method	SedTrap		
				Location Type	Inline		
				Project	Lower Duwamish Waterway		
				Outfall	16th Ave S SD (east)		
Analyte	Unit	SQS/LAET	CSL/2LAET	Result	Qualifier	Detected
1,2,4-Trichlorobenzene	ug/kg	*31*	51	*247*	*U*	*N*
1,2-Dichlorobenzene	ug/kg	*35*	50	*247*	*U*	*N*
1,3-Dichlorobenzene	ug/kg			247	U	N
1,4-Dichlorobenzene	ug/kg	*110*	110	*247*	*U*	*N*
1-Methylnaphthalene	ug/kg			247	U	N
2,2'-Oxybis(1-chloropropane)	ug/kg			247	U	N
2,4,5-Trichlorophenol	ug/kg			1240	U	N
2,4,6-Trichlorophenol	ug/kg			1240	U	N
2,4-Dichlorophenol	ug/kg			1240	U	N
2,4-Dimethylphenol	ug/kg	*29*	29	*1240*	*U*	*N*
2,4-Dinitrophenol	ug/kg			2470	U	N
2,4-Dinitrotoluene	ug/kg			1240	U	N
2,6-Dinitrotoluene	ug/kg			1240	U	N
2-Chloronaphthalene	ug/kg			247	U	N
2-Chlorophenol	ug/kg			247	U	N
2-Methylnaphthalene	ug/kg	670	670	247	U	N
2-Methylphenol	ug/kg	*63*	63	*247*	*U*	*N*
2-Nitroaniline	ug/kg			1240	U	N
2-Nitrophenol	ug/kg			247	U	N
3,3`-Dichlorobenzidine	ug/kg			623	J	Y
3-Nitroaniline	ug/kg			1240	U	N
4,6-Dinitro-2-Methylphenol	ug/kg			2470	U	N
4-Bromophenyl phenyl ether	ug/kg			247	U	N
4-Chloro-3-Methylphenol	ug/kg			1240	U	N
4-Chloroaniline	ug/kg			1240	U	N
4-Chlorophenyl Phenylether	ug/kg			618	U	N
4-Methylphenol	ug/kg	670	670	247	U	N
4-Nitroaniline	ug/kg			1240	U	N
4-Nitrophenol	ug/kg			1240	U	N
Acenaphthene	ug/kg	500	500	247	U	N
Acenaphthylene	ug/kg	1300	1300	247	U	N
Anthracene	ug/kg	960	960	247	U	N
Aroclor 1016	ug/kg			27.8	U	N
Aroclor 1221	ug/kg			27.8	U	N
Aroclor 1232	ug/kg			27.8	U	N
Aroclor 1242	ug/kg			27.8	U	N
Aroclor 1248	ug/kg			49.7		Y
Aroclor 1254	ug/kg			92.8	J	Y
Aroclor 1260	ug/kg			51.3	J	Y
Arsenic	mg/kg	57	93	7.88	J	Y
Benzo(A)anthracene	ug/kg	1300	1600	152	J	Y
Benzo(A)pyrene	ug/kg	1600	1600	153	J	Y
Benzo(G,H,I)perylene	ug/kg	670	720	247	U	N
Benzofluoranthenes, Total	ug/kg	3200	3600	494	U	N
Benzoic acid	ug/kg	*650*	650	*2470*	*U*	*N*
Benzyl alcohol	ug/kg	*57*	73	*247*	*U*	*N*
bis(2-Chloroethoxy) methane	ug/kg			247	U	N
Bis-(2-chloroethyl) ether	ug/kg			618	U	N
Bis(2-ethylhexyl)phthalate	ug/kg	*1300*	1900	*5310*		*Y*
Butylbenzylphthalate	ug/kg	*63*	900	*273*		*Y*
Carbazole	ug/kg			247	U	N
Chrysene	ug/kg	1400	2800	335		Y
Copper	mg/kg	390	390	247		Y
cPAH	ug/kg		100	258	J	Y
Dibenzo(A,H)anthracene	ug/kg	*230*	230	*247*	*U*	*N*
Dibenzofuran	ug/kg	540	540	247	U	N
Diethylphthalate	ug/kg	*200*	1200	*618*	*U*	*N*
Dimethylphthalate	ug/kg	*71*	160	*212*	*J*	*Y*
Di-N-Butylphthalate	ug/kg	1400	1400	143	J	Y
Di-N-Octylphthalate	ug/kg	6200	6200	247	U	N
Fluoranthene	ug/kg	1700	2500	464		Y
Fluorene	ug/kg	540	540	247	U	N
Hexachlorobenzene	ug/kg	*22*	70	*247*	*U*	*N*
Hexachlorobutadiene	ug/kg	*11*	120	*247*	*U*	*N*
Hexachlorocyclopentadiene	ug/kg			1240	U	N
Hexachloroethane	ug/kg			247	U	N
HPAH	ug/kg	12000	17000	1757	J	Y
Indeno(1,2,3-Cd)pyrene	ug/kg	600	690	247	U	N
Isophorone	ug/kg			247	U	N
Lead	mg/kg	450	530	92.2		Y
LPAH	ug/kg	5200	5200	310		Y
Mercury	mg/kg	0.41	0.59	0.301		Y
Naphthalene	ug/kg	2100	2100	247	U	N
Nitrobenzene	ug/kg			247	U	N
N-Nitroso-Di-N-Propylamine	ug/kg			247	U	N
N-Nitrosodiphenylamine	ug/kg	*28*	40	*247*	*U*	*N*
Pentachlorophenol	ug/kg	*360*	690	*1240*	*U*	*N*
Phenanthrene	ug/kg	1500	1500	310		Y
Phenol	ug/kg	420	1200	196	J	Y
Polychlorinated Biphenyls	ug/kg	*130*	1000	*193.8*	*J*	*Y*
Pyrene	ug/kg	2600	3300	653		Y
Solids, Total	%			35.39		Y
Total Organic Carbon	%			16.7		Y
Zinc	mg/kg	*410*	960	*1170*		*Y*

				Location		
				Sample Date	MH86	
				Sample Name	14 May 2025	
				Drainage Type	JRZ-051425-2	
				Sample Method	SD	
				Location Type	Grab-Manual	
				Project	Inline	
				Outfall	Lower Duwamish Waterway	
					1st Ave S SD (east)	
Analyte	Unit	SQS/LAET	CSL/2LAET	Result	Qualifier	Detected
1,2,4-Trichlorobenzene	ug/kg	*31*	51	*73.8*	*U*	*N*
1,2-Dichlorobenzene	ug/kg	*35*	50	*73.8*	*UJ*	*N*
1,3-Dichlorobenzene	ug/kg			73.8	UJ	N
1,4-Dichlorobenzene	ug/kg	110	110	73.8	UJ	N
1-Methylnaphthalene	ug/kg			172	J	Y
2,2'-Oxybis(1-chloropropane)	ug/kg			73.8	U	N
2,4,5-Trichlorophenol	ug/kg			369	UJ	N
2,4,6-Trichlorophenol	ug/kg			369	U	N
2,4-Dichlorophenol	ug/kg			369	U	N
2,4-Dimethylphenol	ug/kg	*29*	29	*369*	*U*	*N*
2,4-Dinitrophenol	ug/kg			738	U	N
2,4-Dinitrotoluene	ug/kg			369	UJ	N
2,6-Dinitrotoluene	ug/kg			369	U	N
2-Chloronaphthalene	ug/kg			73.8	UJ	N
2-Chlorophenol	ug/kg			73.8	UJ	N
2-Methylnaphthalene	ug/kg	670	670	246	J	Y
2-Methylphenol	ug/kg	*63*	63	*73.8*	*U*	*N*
2-Nitroaniline	ug/kg			369	UJ	N
2-Nitrophenol	ug/kg			73.8	U	N
3,3`-Dichlorobenzidine	ug/kg			369	U	N
3-Nitroaniline	ug/kg			369	U	N
4,6-Dinitro-2-Methylphenol	ug/kg			738	U	N
4-Bromophenyl phenyl ether	ug/kg			73.8	UJ	N
4-Chloro-3-Methylphenol	ug/kg			369	U	N
4-Chloroaniline	ug/kg			369	U	N
4-Chlorophenyl Phenylether	ug/kg			185	U	N
4-Methylphenol	ug/kg	670	670	73.8	U	N
4-Nitroaniline	ug/kg			369	U	N
4-Nitrophenol	ug/kg			369	U	N
Acenaphthene	ug/kg	500	500	73.8	UJ	N
Acenaphthylene	ug/kg	1300	1300	73.8	UJ	N
Anthracene	ug/kg	960	960	73.8	UJ	N
Aroclor 1016	ug/kg			16.2	U	N
Aroclor 1221	ug/kg			16.2	U	N
Aroclor 1232	ug/kg			16.2	U	N
Aroclor 1242	ug/kg			16.2	U	N
Aroclor 1248	ug/kg			247	J	Y
Aroclor 1254	ug/kg			417		Y
Aroclor 1260	ug/kg			59	J	Y
Arsenic	mg/kg	57	93	4.42	J	Y
Benzo(A)anthracene	ug/kg	1300	1600	39.7	J	Y
Benzo(A)pyrene	ug/kg	1600	1600	42.1	J	Y
Benzo(G,H,I)perylene	ug/kg	670	720	73.8	U	N
Benzofluoranthenes, Total	ug/kg	3200	3600	148	U	N
Benzoic acid	ug/kg	*650*	650	*738*	*U*	*N*
Benzyl alcohol	ug/kg	*57*	73	*73.8*	*U*	*N*
bis(2-Chloroethoxy) methane	ug/kg			73.8	UJ	N
Bis-(2-chloroethyl) ether	ug/kg			185	UJ	N
Bis(2-ethylhexyl)phthalate	ug/kg	1300	1900	397		Y
Butylbenzylphthalate	ug/kg	*63*	900	*76.4*	*J*	*Y*
Carbazole	ug/kg			73.8	U	N
Chrysene	ug/kg	1400	2800	70.1	J	Y
Copper	mg/kg	390	390	44.1		Y
cPAH	ug/kg		100	72.621	J	Y
Dibenzo(A,H)anthracene	ug/kg	230	230	73.8	U	N
Dibenzofuran	ug/kg	540	540	73.8	UJ	N
Diesel Range (Silica and Acid Cleaned)	mg/kg	2000	2000	94.3		Y
Diethylphthalate	ug/kg	200	1200	185	UJ	N
Dimethylphthalate	ug/kg	*71*	160	*73.8*	*UJ*	*N*
Di-N-Butylphthalate	ug/kg	1400	1400	73.8	UJ	N
Di-N-Octylphthalate	ug/kg	6200	6200	73.8	U	N
Fluoranthene	ug/kg	1700	2500	91.9		Y
Fluorene	ug/kg	540	540	73.8	UJ	N
Hexachlorobenzene	ug/kg	*22*	70	*73.8*	*U*	*N*
Hexachlorobutadiene	ug/kg	*11*	120	*73.8*	*U*	*N*
Hexachlorocyclopentadiene	ug/kg			369	U	N
Hexachloroethane	ug/kg			73.8	UJ	N
HPAH	ug/kg	12000	17000	335.6	J	Y
Indeno(1,2,3-Cd)pyrene	ug/kg	600	690	73.8	U	N
Isophorone	ug/kg			73.8	U	N
Lead	mg/kg	450	530	33.1		Y
LPAH	ug/kg	5200	5200	140.5	J	Y
Mercury	mg/kg	0.41	0.59	0.0477		Y
Motor Oil (Silica and Acid Cleaned)	mg/kg	2000	2000	231		Y
Naphthalene	ug/kg	2100	2100	45.9	J	Y
Nitrobenzene	ug/kg			73.8	UJ	N
N-Nitroso-Di-N-Propylamine	ug/kg			73.8	U	N
N-Nitrosodiphenylamine	ug/kg	*28*	40	*73.8*	*U*	*N*
Pentachlorophenol	ug/kg	*360*	690	*369*	*U*	*N*
Phenanthrene	ug/kg	1500	1500	94.6	J	Y
Phenol	ug/kg	420	1200	73.8	U	N
Polychlorinated Biphenyls	ug/kg	*130*	1000	*723*	*J*	*Y*
Pyrene	ug/kg	2600	3300	91.8	J	Y
Solids, Total	%			79.17		Y
Total Organic Carbon	%			1.14		Y
Zinc	mg/kg	410	960	184		Y

				Location	1ST-ST3			1ST-ST8			MH91		
				Sample Date	24 Mar 2025			06 Oct 2025			01 Jul 2025		
				Sample Name	1ST-ST3-032425			1ST-ST8-100625			JRZ-070125		
				Drainage Type	SD			SD			SD		
				Sample Method	SedTrap			SedTrap			Grab-Manual		
				Location Type	Inline w/Active SPU Sed Trap			Inline w/Active SPU Sed Trap			Inline		
				Project	Lower Duwamish Waterway			Lower Duwamish Waterway			Lower Duwamish Waterway		
				Outfall	1st Ave S SD (west)			1st Ave S SD (west)			1st Ave S SD (west)		
Analyte	Unit	SQS/LAET	CSL/2LAET	Result	Qualifier	Detected	Result	Qualifier	Detected	Result	Qualifier	Detected
1,2,4-Trichlorobenzene	ug/kg	*31*	51	*200*	*U*	*N*	*141*	*U*	*N*	*291*	*U*	*N*
1,2-Dichlorobenzene	ug/kg	*35*	50	*200*	*U*	*N*	*141*	*U*	*N*	*291*	*UJ*	*N*
1,3-Dichlorobenzene	ug/kg			200	U	N	141	U	N	291	UJ	N
1,4-Dichlorobenzene	ug/kg	*110*	110	*200*	*U*	*N*	*141*	*U*	*N*	*291*	*UJ*	*N*
1-Methylnaphthalene	ug/kg			200	U	N	141	U	N	291	U	N
2,2'-Oxybis(1-chloropropane)	ug/kg			200	U	N	141	U	N	291	U	N
2,4,5-Trichlorophenol	ug/kg			998	U	N	706	U	N	1460	U	N
2,4,6-Trichlorophenol	ug/kg			998	U	N	706	U	N	1460	U	N
2,4-Dichlorophenol	ug/kg			998	U	N	706	U	N	1460	U	N
2,4-Dimethylphenol	ug/kg	*29*	29	*998*	*U*	*N*	*706*	*U*	*N*	*1460*	*U*	*N*
2,4-Dinitrophenol	ug/kg			2000	U	N	1410	U	N	2910	U	N
2,4-Dinitrotoluene	ug/kg			998	U	N	706	U	N	1460	U	N
2,6-Dinitrotoluene	ug/kg			998	U	N	706	U	N	1460	U	N
2-Chloronaphthalene	ug/kg			200	U	N	141	U	N	291	U	N
2-Chlorophenol	ug/kg			200	U	N	141	U	N	291	UJ	N
2-Methylnaphthalene	ug/kg	670	670	200	U	N	141	U	N	291	U	N
2-Methylphenol	ug/kg	*63*	63	*200*	*U*	*N*	*141*	*U*	*N*	*291*	*U*	*N*
2-Nitroaniline	ug/kg			998	U	N	706	U	N	1460	U	N
2-Nitrophenol	ug/kg			200	U	N	141	U	N	291	U	N
3,3`-Dichlorobenzidine	ug/kg			998	U	N	706	U	N	7280	U	N
3-Nitroaniline	ug/kg			998	U	N	706	U	N	1460	U	N
4,6-Dinitro-2-Methylphenol	ug/kg			2000	U	N	1410	U	N	2910	U	N
4-Bromophenyl phenyl ether	ug/kg			200	U	N	141	U	N	291	U	N
4-Chloro-3-Methylphenol	ug/kg			998	U	N	706	U	N	1460	U	N
4-Chloroaniline	ug/kg			998	U	N	706	U	N	1460	U	N
4-Chlorophenyl Phenylether	ug/kg			499	U	N	353	U	N	728	U	N
4-Methylphenol	ug/kg	670	670	200	U	N	450		Y	291	U	N
4-Nitroaniline	ug/kg			998	U	N	706	U	N	1460	U	N
4-Nitrophenol	ug/kg			998	U	N	706	U	N	1460	U	N
Acenaphthene	ug/kg	500	500	200	U	N	141	U	N	291	U	N
Acenaphthylene	ug/kg	1300	1300	200	U	N	141	U	N	291	U	N
Anthracene	ug/kg	960	960	200	U	N	83.9	J	Y	291	U	N
Aroclor 1016	ug/kg			19.8	U	N	177	U	N	6.3	UJ	N
Aroclor 1221	ug/kg			19.8	U	N	177	U	N	6.3	UJ	N
Aroclor 1232	ug/kg			19.8	U	N	177	U	N	6.3	UJ	N
Aroclor 1242	ug/kg			19.8	U	N	177	U	N	6.3	UJ	N
Aroclor 1248	ug/kg			19.8	U	N	177	U	N	6.3	UJ	N
Aroclor 1254	ug/kg			19.8	U	N	329		Y	67.8	J	Y
Aroclor 1260	ug/kg			19.8	U	N	177	U	N	25.3	J	Y
Arsenic	mg/kg	57	93	6.11	U	N	11.5	J	Y	9.08	J	Y
Benzo(A)anthracene	ug/kg	*1300*	1600	200	U	N	582		Y	*1460*	*U*	*N*
Benzo(A)pyrene	ug/kg	1600	1600	998	U	N	681		Y	1460	U	N
Benzo(G,H,I)perylene	ug/kg	*670*	720	*998*	*U*	*N*	452		Y	*1460*	*U*	*N*
Benzofluoranthenes, Total	ug/kg	3200	3600	2000	U	N	1840		Y	2910	U	N
Benzoic acid	ug/kg	*650*	650	*2000*	*U*	*N*	*1410*	*U*	*N*	*2910*	*U*	*N*
Benzyl alcohol	ug/kg	*57*	73	*200*	*U*	*N*	*141*	*U*	*N*	*291*	*U*	*N*
bis(2-Chloroethoxy) methane	ug/kg			200	U	N	141	U	N	291	U	N
Bis-(2-chloroethyl) ether	ug/kg			499	U	N	353	U	N	728	UJ	N
Bis(2-ethylhexyl)phthalate	ug/kg	*1300*	1900	499	U	N	*3120*		*Y*	*3340*	*J*	*Y*
Butylbenzylphthalate	ug/kg	*63*	900	*200*	*U*	*N*	*141*	*U*	*N*	*1460*	*U*	*N*
Carbazole	ug/kg			200	U	N	173		Y	291	U	N
Chrysene	ug/kg	*1400*	2800	200	U	N	997		Y	*1460*	*U*	*N*
Coarse Sand	%			14.9		Y	4.6		Y	5.8		Y
Copper	mg/kg	390	390	84.4		Y	144		Y	242		Y
cPAH	ug/kg		100	859.5	U	N	994.47		Y	2910	U	N
Dibenzo(A,H)anthracene	ug/kg	*230*	230	*998*	*U*	*N*	141	U	N	*1460*	*U*	*N*
Dibenzofuran	ug/kg	540	540	200	U	N	141	U	N	291	U	N
Diesel Range (Silica and Acid Cleaned)	mg/kg	2000	2000	27.1		Y	816	J	Y	551	J	Y
Diethylphthalate	ug/kg	*200*	1200	*499*	*U*	*N*	*353*	*U*	*N*	*728*	*U*	*N*
Dimethylphthalate	ug/kg	*71*	160	*200*	*U*	*N*	*141*	*U*	*N*	*291*	*U*	*N*
Di-N-Butylphthalate	ug/kg	1400	1400	200	U	N	79.3	J	Y	291	U	N
Di-N-Octylphthalate	ug/kg	6200	6200	200	U	N	141	U	N	1460	U	N
Fine Gravel	%			5.9		Y	0.4		Y	0.4		Y
Fine Sand	%			6.5		Y	12.3		Y	15.1		Y
Fluoranthene	ug/kg	*1700*	2500	104	J	Y	*1800*		*Y*	1460	U	N
Fluorene	ug/kg	540	540	200	U	N	141	U	N	291	U	N
Hexachlorobenzene	ug/kg	*22*	70	*200*	*U*	*N*	*141*	*U*	*N*	*291*	*U*	*N*
Hexachlorobutadiene	ug/kg	*11*	120	*200*	*U*	*N*	*141*	*U*	*N*	*291*	*U*	*N*
Hexachlorocyclopentadiene	ug/kg			998	U	N	706	U	N	1460	U	N
Hexachloroethane	ug/kg			200	U	N	141	U	N	291	UJ	N
HPAH	ug/kg	12000	17000	104	J	Y	8323		Y	2910	U	N
Indeno(1,2,3-Cd)pyrene	ug/kg	*600*	690	*998*	*U*	*N*	331		Y	*1460*	*U*	*N*
Isophorone	ug/kg			200	U	N	141	U	N	291	U	N
Lead	mg/kg	450	530	3.68		Y	140		Y	94.4		Y
LPAH	ug/kg	5200	5200	200	U	N	773.6	J	Y	206	J	Y
Medium Sand	%			20		Y	14.1		Y	10.5		Y
Mercury	mg/kg	0.41	0.59	0.0109	J	Y	0.18		Y	0.184		Y
Motor Oil (Silica and Acid Cleaned)	mg/kg	*2000*	2000	315		Y	*4700*		*Y*	*2630*	*J*	*Y*
Naphthalene	ug/kg	2100	2100	200	U	N	82.7	J	Y	291	U	N
Nitrobenzene	ug/kg			200	U	N	141	U	N	291	U	N
N-Nitroso-Di-N-Propylamine	ug/kg			200	U	N	141	U	N	291	U	N
N-Nitrosodiphenylamine	ug/kg	*28*	40	*200*	*U*	*N*	*141*	*U*	*N*	*291*	*U*	*N*
Pentachlorophenol	ug/kg	*360*	690	*998*	*U*	*N*	*706*	*U*	*N*	*1460*	*U*	*N*
Phenanthrene	ug/kg	1500	1500	200	U	N	607		Y	206	J	Y
Phenol	ug/kg	420	1200	200	U	N	141	U	N	291	UJ	N
Polychlorinated Biphenyls	ug/kg	*130*	1000	19.8	U	N	*329*		*Y*	93.1	J	Y
Pyrene	ug/kg	2600	3300	200	U	N	1640		Y	1460	U	N
Solids, Total	%			78.59		Y	30.37		Y	31.44		Y
Total Fines	%			1.1		Y	52.9		Y	47.2		Y
Total Organic Carbon	%			4.1		Y	20.6		Y	16.7		Y
Very Coarse Sand	%			19		Y	1.9		Y	3.9		Y
Very Fine Sand	%			1.1		Y	12		Y	12.8		Y
Zinc	mg/kg	*410*	960	207		Y	*1030*		*Y*	*1330*		*Y*

			Location	MH241		
			Sample Date	10 Dec 2025		
			Sample Name	JRZ-121025-2		
			Drainage Type	SD		
			Sample Method	Grab-Manual		
			Location Type	Inline		
			Project	Lower Duwamish Waterway		
			Outfall	2nd Ave S SD		
Analyte	Unit	SQS/LAET	CSL/2LAET	Result	Qualifier	Detected
1,2,4-Trichlorobenzene	ug/kg	*31*	51	*210*	*U*	*N*
1,2-Dichlorobenzene	ug/kg	*35*	50	*210*	*U*	*N*
1,3-Dichlorobenzene	ug/kg			210	U	N
1,4-Dichlorobenzene	ug/kg	*110*	110	*210*	*U*	*N*
1-Methylnaphthalene	ug/kg			210	U	N
2,2'-Oxybis(1-chloropropane)	ug/kg			210	U	N
2,4,5-Trichlorophenol	ug/kg			1050	U	N
2,4,6-Trichlorophenol	ug/kg			1050	U	N
2,4-Dichlorophenol	ug/kg			1050	U	N
2,4-Dimethylphenol	ug/kg	*29*	29	*1050*	*U*	*N*
2,4-Dinitrophenol	ug/kg			2100	U	N
2,4-Dinitrotoluene	ug/kg			1050	U	N
2,6-Dinitrotoluene	ug/kg			1050	U	N
2-Chloronaphthalene	ug/kg			210	U	N
2-Chlorophenol	ug/kg			210	U	N
2-Methylnaphthalene	ug/kg	670	670	210	U	N
2-Methylphenol	ug/kg	*63*	63	*210*	*U*	*N*
2-Nitroaniline	ug/kg			1050	U	N
2-Nitrophenol	ug/kg			210	U	N
3,3`-Dichlorobenzidine	ug/kg			1050	U	N
3-Nitroaniline	ug/kg			1050	U	N
4,6-Dinitro-2-Methylphenol	ug/kg			2100	U	N
4-Bromophenyl phenyl ether	ug/kg			210	U	N
4-Chloro-3-Methylphenol	ug/kg			1050	U	N
4-Chloroaniline	ug/kg			1050	U	N
4-Chlorophenyl Phenylether	ug/kg			525	U	N
4-Methylphenol	ug/kg	670	670	210	U	N
4-Nitroaniline	ug/kg			1050	U	N
4-Nitrophenol	ug/kg			1050	U	N
Acenaphthene	ug/kg	500	500	210	U	N
Acenaphthylene	ug/kg	1300	1300	210	U	N
Anthracene	ug/kg	960	960	210	U	N
Aroclor 1016	ug/kg			27.1	U	N
Aroclor 1221	ug/kg			27.1	U	N
Aroclor 1232	ug/kg			27.1	U	N
Aroclor 1242	ug/kg			27.1	U	N
Aroclor 1248	ug/kg			31.2	J	Y
Aroclor 1254	ug/kg			42.5	J	Y
Aroclor 1260	ug/kg			36.2	J	Y
Arsenic	mg/kg	57	93	12.5		Y
Benzo(A)anthracene	ug/kg	1300	1600	210	U	N
Benzo(A)pyrene	ug/kg	1600	1600	210	U	N
Benzo(G,H,I)perylene	ug/kg	670	720	210	U	N
Benzofluoranthenes, Total	ug/kg	3200	3600	420	U	N
Benzoic acid	ug/kg	*650*	650	*1570*	*J*	*Y*
Benzyl alcohol	ug/kg	*57*	73	*210*	*U*	*N*
bis(2-Chloroethoxy) methane	ug/kg			210	U	N
Bis-(2-chloroethyl) ether	ug/kg			525	U	N
Bis(2-ethylhexyl)phthalate	ug/kg	*1300*	1900	*2280*		*Y*
Butylbenzylphthalate	ug/kg	*63*	900	*210*	*U*	*N*
Carbazole	ug/kg			210	U	N
Chrysene	ug/kg	1400	2800	210	U	N
Coarse Sand	%			4.1		Y
Copper	mg/kg	390	390	149		Y
cPAH	ug/kg		100	190.05	U	N
Dibenzo(A,H)anthracene	ug/kg	230	230	210	U	N
Dibenzofuran	ug/kg	540	540	210	U	N
Diesel Range (Silica and Acid Cleaned)	mg/kg	2000	2000	695		Y
Diethylphthalate	ug/kg	*200*	1200	*525*	*U*	*N*
Dimethylphthalate	ug/kg	*71*	160	*210*	*U*	*N*
Di-N-Butylphthalate	ug/kg	1400	1400	167	J	Y
Di-N-Octylphthalate	ug/kg	6200	6200	2890		Y
Fine Gravel	%			0.1		N
Fine Sand	%			34.8		Y
Fluoranthene	ug/kg	1700	2500	210	U	N
Fluorene	ug/kg	540	540	210	U	N
Hexachlorobenzene	ug/kg	*22*	70	*210*	*U*	*N*
Hexachlorobutadiene	ug/kg	*11*	120	*210*	*U*	*N*
Hexachlorocyclopentadiene	ug/kg			1050	U	N
Hexachloroethane	ug/kg			210	U	N
HPAH	ug/kg	12000	17000	117	J	Y
Indeno(1,2,3-Cd)pyrene	ug/kg	600	690	210	U	N
Isophorone	ug/kg			210	U	N
Lead	mg/kg	450	530	122		Y
LPAH	ug/kg	5200	5200	210	U	N
Medium Sand	%			7.5		Y
Mercury	mg/kg	0.41	0.59	0.169		Y
Motor Oil (Silica and Acid Cleaned)	mg/kg	*2000*	2000	*3250*		*Y*
Naphthalene	ug/kg	2100	2100	210	U	N
Nitrobenzene	ug/kg			210	U	N
N-Nitroso-Di-N-Propylamine	ug/kg			210	U	N
N-Nitrosodiphenylamine	ug/kg	*28*	40	*210*	*U*	*N*
Pentachlorophenol	ug/kg	*360*	690	*1050*	*U*	*N*
Phenanthrene	ug/kg	1500	1500	210	U	N
Phenol	ug/kg	420	1200	210	U	N
Polychlorinated Biphenyls	ug/kg	130	1000	109.9	J	Y
Pyrene	ug/kg	2600	3300	117	J	Y
Solids, Total	%			41.04		Y
Total Fines	%			43.7		Y
Total Organic Carbon	%			9.01		Y
Very Coarse Sand	%			1.8		Y
Very Fine Sand	%			7.5		Y
Zinc	mg/kg	*410*	960	*768*		*Y*

				Location	7TH-ST1			7TH-ST2			7TH-ST3			RCB64		
				Sample Date	05 Aug 2025			24 Mar 2025			15 Sep 2025			10 Dec 2025		
				Sample Name	7TH-ST1-080525			7TH-ST2-032425			7TH-ST3-091525			JRZ-121025-1		
				Drainage Type	SD			SD			SD			SD		
				Sample Method	SedTrap			SedTrap			SedTrap			Grab-Manual		
				Location Type	Inline w/Active SPU Sed Trap			Inline w/Active SPU Sed Trap			Inline w/Active SPU Sed Trap			RCB		
				Project	Lower Duwamish Waterway			Lower Duwamish Waterway			Lower Duwamish Waterway			Lower Duwamish Waterway		
				Outfall	7th Ave S SD			7th Ave S SD			7th Ave S SD			7th Ave S SD		
Analyte	Unit	SQS/LAET	CSL/2LAET	Result	Qualifier	Detected	Result	Qualifier	Detected	Result	Qualifier	Detected	Result	Qualifier	Detected
1,2,4-Trichlorobenzene	ug/kg	*31*	51	*331*	*U*	*N*	20	U	N	*373*	*U*	*N*	*196*	*U*	*N*
1,2-Dichlorobenzene	ug/kg	*35*	50	*331*	*U*	*N*	20	U	N	*373*	*U*	*N*	*196*	*U*	*N*
1,3-Dichlorobenzene	ug/kg			331	U	N	20	U	N	373	U	N	196	U	N
1,4-Dichlorobenzene	ug/kg	*110*	110	*331*	*U*	*N*	20	U	N	*373*	*U*	*N*	*196*	*U*	*N*
1-Methylnaphthalene	ug/kg			331	U	N	20	U	N	373	U	N	196	U	N
2,2'-Oxybis(1-chloropropane)	ug/kg			331	U	N	20	U	N	373	U	N	196	U	N
2,4,5-Trichlorophenol	ug/kg			1660	U	N	99.9	U	N	1870	U	N	981	U	N
2,4,6-Trichlorophenol	ug/kg			1660	U	N	99.9	U	N	1870	U	N	981	U	N
2,4-Dichlorophenol	ug/kg			1660	U	N	99.9	U	N	1870	U	N	981	U	N
2,4-Dimethylphenol	ug/kg	*29*	29	*1660*	*U*	*N*	*99.9*	*U*	*N*	*1870*	*U*	*N*	*981*	*U*	*N*
2,4-Dinitrophenol	ug/kg			3310	U	N	200	U	N	3730	U	N	1960	U	N
2,4-Dinitrotoluene	ug/kg			1660	U	N	99.9	U	N	1870	U	N	981	U	N
2,6-Dinitrotoluene	ug/kg			1660	U	N	99.9	U	N	1870	U	N	981	U	N
2-Chloronaphthalene	ug/kg			331	U	N	20	U	N	373	U	N	196	U	N
2-Chlorophenol	ug/kg			331	U	N	20	U	N	373	U	N	196	U	N
2-Methylnaphthalene	ug/kg	670	670	331	U	N	20	U	N	373	U	N	196	U	N
2-Methylphenol	ug/kg	*63*	63	*331*	*U*	*N*	20	U	N	*373*	*U*	*N*	*196*	*U*	*N*
2-Nitroaniline	ug/kg			1660	U	N	99.9	U	N	1870	U	N	981	U	N
2-Nitrophenol	ug/kg			331	U	N	20	U	N	373	U	N	196	U	N
3,3` -Dichlorobenzidine	ug/kg			1660	U	N	99.9	U	N	1870	U	N	981	U	N
3-Nitroaniline	ug/kg			1660	U	N	99.9	U	N	1870	U	N	981	U	N
4,6-Dinitro-2-Methylphenol	ug/kg			3310	U	N	200	U	N	3730	U	N	1960	U	N
4-Bromophenyl phenyl ether	ug/kg			331	U	N	20	U	N	373	U	N	196	U	N
4-Chloro-3-Methylphenol	ug/kg			1660	U	N	99.9	U	N	1870	U	N	981	U	N
4-Chloroaniline	ug/kg			1660	U	N	99.9	U	N	1870	U	N	981	U	N
4-Chlorophenyl Phenylether	ug/kg			828	U	N	49.9	U	N	934	U	N	490	U	N
4-Methylphenol	ug/kg	*670*	670	331	U	N	20	U	N	373	U	N	*705*		*Y*
4-Nitroaniline	ug/kg			1660	U	N	99.9	U	N	1870	U	N	981	U	N
4-Nitrophenol	ug/kg			1660	U	N	99.9	U	N	1870	U	N	981	U	N
Acenaphthene	ug/kg	500	500	331	U	N	20	U	N	373	U	N	196	U	N
Acenaphthylene	ug/kg	1300	1300	331	U	N	20	U	N	373	U	N	196	U	N
Anthracene	ug/kg	960	960	331	U	N	20	U	N	373	U	N	99.9	J	Y
Aroclor 1016	ug/kg			6.8	U	N	19.9	U	N	46.9	U	N	19.3	U	N
Aroclor 1221	ug/kg			6.8	U	N	19.9	U	N	46.9	U	N	19.3	U	N
Aroclor 1232	ug/kg			6.8	U	N	19.9	U	N	46.9	U	N	19.3	U	N
Aroclor 1242	ug/kg			6.8	U	N	19.9	U	N	46.9	U	N	19.3	U	N
Aroclor 1248	ug/kg			20.1		Y	19.9	U	N	46.9	U	N	19.3	U	N
Aroclor 1254	ug/kg			59.6		Y	19.9	U	N	46.9	U	N	20.3		Y
Aroclor 1260	ug/kg			25.2		Y	19.9	U	N	46.9	U	N	27.4		Y
Arsenic	mg/kg	*57*	93	22.5		Y	*61.3*	*U*	*N*	19.9		Y	9.01		Y
Benzo(A)anthracene	ug/kg	1300	1600	211	J	Y	20	U	N	373	U	N	500		Y
Benzo(A)pyrene	ug/kg	1600	1600	201	J	Y	99.9	U	N	373	U	N	388		Y
Benzo(G,H,I)perylene	ug/kg	670	720	331	U	N	99.9	U	N	373	U	N	224		Y
Benzofluoranthenes, Total	ug/kg	3200	3600	662	U	N	200	U	N	747	U	N	827		Y
Benzoic acid	ug/kg	*650*	650	*3310*	*U*	*N*	575		Y	*3730*	*U*	*N*	*1570*	*J*	*Y*
Benzyl alcohol	ug/kg	*57*	73	*672*		*Y*	*3680*		*Y*	*373*	*U*	*N*	*196*	*U*	*N*
bis(2-Chloroethoxy) methane	ug/kg			331	U	N	20	U	N	373	U	N	196	U	N
Bis-(2-chloroethyl) ether	ug/kg			828	U	N	49.9	U	N	934	U	N	490	U	N
Bis(2-ethylhexyl)phthalate	ug/kg	*1300*	1900	*3300*		*Y*	60.5		Y	934	U	N	*1930*		*Y*
Butylbenzylphthalate	ug/kg	*63*	900	*331*	*U*	*N*	20	U	N	*373*	*U*	*N*	*159*	*J*	*Y*
Carbazole	ug/kg			331	U	N	20	U	N	373	U	N	196	U	N
Chrysene	ug/kg	1400	2800	411		Y	26		Y	207	J	Y	824		Y
Coarse Sand	%			3.3		Y	6.7		Y				4		Y
Copper	mg/kg	390	390	163		Y	18		Y	117		Y	160		Y
cPAH	ug/kg		100	342.06	J	Y	86.185		Y	337.82	J	Y	577.94		Y
Dibenzo(A,H)anthracene	ug/kg	*230*	230	*331*	*U*	*N*	99.9	U	N	*373*	*U*	*N*	196	U	N
Dibenzofuran	ug/kg	540	540	331	U	N	20	U	N	373	U	N	196	U	N
Diesel Range (Silica and Acid Cleaned)	mg/kg	2000	2000	817		Y	12.9	U	N				575		Y
Diethylphthalate	ug/kg	*200*	1200	*828*	*U*	*N*	49.9	U	N	*934*	*U*	*N*	*490*	*U*	*N*
Dimethylphthalate	ug/kg	*71*	160	*331*	*U*	*N*	20	U	N	*373*	*U*	*N*	*196*	*U*	*N*
Di-N-Butylphthalate	ug/kg	1400	1400	331	U	N	20	U	N	373	U	N	203		Y
Di-N-Octylphthalate	ug/kg	6200	6200	331	U	N	20	U	N	373	U	N	196	U	N
Fine Gravel	%			0.4		Y	0.8		Y				1.1		Y
Fine Sand	%			9.5		Y	29.2		Y				15.1		Y
Fluoranthene	ug/kg	1700	2500	569		Y	15.1	J	Y	235	J	Y	1030		Y
Fluorene	ug/kg	540	540	331	U	N	20	U	N	373	U	N	196	U	N
Hexachlorobenzene	ug/kg	*22*	70	*331*	*U*	*N*	20	U	N	*373*	*U*	*N*	*196*	*U*	*N*
Hexachlorobutadiene	ug/kg	*11*	120	*331*	*U*	*N*	*20*	*U*	*N*	*373*	*U*	*N*	*196*	*U*	*N*
Hexachlorocyclopentadiene	ug/kg			1660	U	N	99.9	U	N	1870	U	N	981	U	N
Hexachloroethane	ug/kg			331	U	N	20	U	N	373	U	N	196	U	N
HPAH	ug/kg	12000	17000	1951	J	Y	56.3	J	Y	680	J	Y	5423		Y
Indeno(1,2,3-Cd)pyrene	ug/kg	600	690	331	U	N	99.9	U	N	373	U	N	196	U	N
Isophorone	ug/kg			331	U	N	20	U	N	373	U	N	196	U	N
Lead	mg/kg	450	530	78.1		Y	24.5	U	N	93.5		Y	76		Y
LPAH	ug/kg	5200	5200	243	J	Y	20	U	N	373	U	N	762.9	J	Y
Medium Sand	%			39.3		Y	21.8		Y				6		Y
Mercury	mg/kg	0.41	0.59	0.135		Y	0.0589		Y	0.176		Y	0.095		Y
Motor Oil (Silica and Acid Cleaned)	mg/kg	*2000*	2000	*4390*		*Y*	116		Y				*2140*		*Y*
Naphthalene	ug/kg	2100	2100	331	U	N	20	U	N	373	U	N	196	U	N
Nitrobenzene	ug/kg			331	U	N	20	U	N	373	U	N	196	U	N
N-Nitroso-Di-N-Propylamine	ug/kg			331	U	N	20	U	N	373	U	N	196	U	N
N-Nitrosodiphenylamine	ug/kg	*28*	40	*331*	*U*	*N*	20	U	N	*373*	*U*	*N*	*196*	*U*	*N*
Pentachlorophenol	ug/kg	*360*	690	*1660*	*U*	*N*	99.9	U	N	*1870*	*U*	*N*	*981*	*U*	*N*
Phenanthrene	ug/kg	1500	1500	243	J	Y	20	U	N	373	U	N	663		Y
Phenol	ug/kg	420	1200	331	U	N	20	U	N	373	U	N	249		Y
Polychlorinated Biphenyls	ug/kg	130	1000	104.9		Y	19.9	U	N	46.9	U	N	47.7		Y
Pyrene	ug/kg	2600	3300	559		Y	15.2	J	Y	238	J	Y	1630		Y
Solids, Total	%			27.62		Y	38.32		Y	26.02		Y	51.89		Y
Total Fines	%			18.4		Y	16.8		Y				58.7		Y
Total Organic Carbon	%			12.7		Y	5.98		Y				5.68		Y
Very Coarse Sand	%			1.6		Y	6.3		Y				5.2		Y
Very Fine Sand	%			26.6		Y	14.9		Y				4.9		Y
Zinc	mg/kg	*410*	960	*945*		*Y*	172		Y	*697*		*Y*	*532*		*Y*

				Location	MH18			MH52			RCB07			ST1			ST2			ST7		
				Sample Date	22 Jul 2025			22 Jul 2025			17 Jun 2025			31 Oct 2025			02 Jul 2025			06 Oct 2025		
				Sample Name	JRZ-072225-1			JRZ-072225-2			JRZ-061725-1			ST1-103125			ST2-070225			ST7-100625		
				Drainage Type	SD			SD			SD			SD			SD			SD		
				Sample Method	Grab-Manual			Grab-Manual			Grab-Manual			SedTrap			SetTrap			SedTrap		
				Location Type	Inline			Inline			RCB			Inline w/Active SPU Sed Trap			Inline w/Active SPU Sed Trap			Inline w/Active SPU Sed Trap		
				Project	Lower Duwamish Waterway			Lower Duwamish Waterway			Lower Duwamish Waterway			Lower Duwamish Waterway			Lower Duwamish Waterway			Lower Duwamish Waterway		
				Outfall	Diagonal Ave S CSO/SD			Diagonal Ave S CSO/SD			Diagonal Ave S CSO/SD			Diagonal Ave S CSO/SD			Diagonal Ave S CSO/SD			Diagonal Ave S CSO/SD		
Analyte	Unit	SQS/LAET	CSL/2LAET	Result	Qualifier	Detected	Result	Qualifier	Detected	Result	Qualifier	Detected	Result	Qualifier	Detected	Result	Qualifier	Detected	Result	Qualifier	Detected
1,2,4-Trichlorobenzene	ug/kg	*31*	51	*100*	*U*	*N*	*108*	*U*	*N*	*284*	*U*	*N*	*336*	*U*	*N*	*173*	*U*	*N*	*97.8*	*U*	*N*
1,2-Dichlorobenzene	ug/kg	*35*	50	*100*	*U*	*N*	*108*	*U*	*N*	*284*	*U*	*N*	*336*	*U*	*N*	*173*	*UJ*	*N*	*97.8*	*U*	*N*
1,3-Dichlorobenzene	ug/kg			100	U	N	108	U	N	284	UJ	N	336	U	N	173	UJ	N	97.8	U	N
1,4-Dichlorobenzene	ug/kg	*110*	110							*284*	*U*	*N*	*336*	*U*	*N*	*173*	*UJ*	*N*	97.8	U	N
1-Methylnaphthalene	ug/kg			2920		Y	103	J	Y	284	U	N	336	U	N	173	U	N	97.8	U	N
2,2'-Oxybis(1-chloropropane)	ug/kg			100	U	N	108	U	N	284	U	N	336	U	N	173	U	N	97.8	U	N
2,4,5-Trichlorophenol	ug/kg			500	U	N	538	U	N	1420	U	N	1680	U	N	865	U	N	489	U	N
2,4,6-Trichlorophenol	ug/kg			500	U	N	538	U	N	1420	U	N	1680	U	N	865	U	N	489	U	N
2,4-Dichlorophenol	ug/kg			500	U	N	538	U	N	1420	U	N	1680	U	N	865	U	N	489	U	N
2,4-Dimethylphenol	ug/kg	*29*	29	*500*	*U*	*N*	*538*	*U*	*N*	*1420*	*U*	*N*	*1680*	*U*	*N*	*865*	*U*	*N*	*489*	*U*	*N*
2,4-Dinitrophenol	ug/kg			1000	U	N	1080	U	N	2840	U	N	3360	U	N	1730	U	N	978	U	N
2,4-Dinitrotoluene	ug/kg			500	U	N	538	U	N	1420	U	N	1680	U	N	865	U	N	489	U	N
2,6-Dinitrotoluene	ug/kg			500	U	N	538	U	N	1420	U	N	1680	U	N	865	U	N	489	U	N
2-Chloronaphthalene	ug/kg			100	U	N	108	U	N	284	U	N	336	U	N	173	U	N	97.8	U	N
2-Chlorophenol	ug/kg			100	U	N	108	U	N	284	U	N	336	U	N	173	UJ	N	97.8	U	N
2-Methylnaphthalene	ug/kg	*670*	670	*3830*		*Y*	107	J	Y	284	U	N	336	U	N	173	U	N	97.8	U	N
2-Methylphenol	ug/kg	*63*	63	*129*		*Y*	*108*	*U*	*N*	*284*	*U*	*N*	*336*	*U*	*N*	*173*	*U*	*N*	*97.8*	*U*	*N*
2-Nitroaniline	ug/kg			500	U	N	538	U	N	1420	U	N	1680	U	N	865	U	N	489	U	N
2-Nitrophenol	ug/kg			100	U	N	108	U	N	284	U	N	336	U	N	173	U	N	97.8	U	N
3,3`-Dichlorobenzidine	ug/kg			500	U	N	538	U	N	1420	U	N	1680	U	N	4330	U	N	489	U	N
3-Nitroaniline	ug/kg			500	U	N	538	U	N	1420	U	N	1680	U	N	865	U	N	489	U	N
4,6-Dinitro-2-Methylphenol	ug/kg			1000	U	N	1080	U	N	2840	U	N	3360	U	N	1730	U	N	978	U	N
4-Bromophenyl phenyl ether	ug/kg			100	U	N	108	U	N	284	U	N	336	U	N	173	U	N	97.8	U	N
4-Chloro-3-Methylphenol	ug/kg			500	U	N	538	U	N	1420	U	N	1680	U	N	865	U	N	489	U	N
4-Chloroaniline	ug/kg			500	U	N	538	U	N	1420	U	N	1680	U	N	865	U	N	489	U	N
4-Chlorophenyl Phenylether	ug/kg			250	U	N	269	U	N	710	U	N	839	U	N	433	U	N	245	U	N
4-Methylphenol	ug/kg	670	670	456		Y	642		Y	284	U	N	336	U	N	352		Y	147		Y
4-Nitroaniline	ug/kg			500	U	N	538	U	N	1420	U	N	1680	U	N	865	U	N	489	U	N
4-Nitrophenol	ug/kg			500	U	N	538	U	N	1420	U	N	1680	U	N	865	U	N	489	U	N
Acenaphthene	ug/kg	*500*	500	*3610*		*Y*	200		Y	284	U	N	336	U	N	173	U	N	97.8	U	N
Acenaphthylene	ug/kg	1300	1300	455		Y	108	U	N	284	U	N	336	U	N	173	U	N	97.8	U	N
Anthracene	ug/kg	*960*	960	*9870*		*Y*	306		Y	284	U	N	336	U	N	173	U	N	97.8	U	N
Aroclor 1016	ug/kg			4	U	N	3.8	U	N	3.8	U	N	34.9	U	N	3.3	UJ	N	18	U	N
Aroclor 1221	ug/kg			4	U	N	3.8	U	N	3.8	U	N	34.9	U	N	3.3	UJ	N	18	U	N
Aroclor 1232	ug/kg			4	U	N	3.8	U	N	3.8	U	N	34.9	U	N	3.3	UJ	N	18	U	N
Aroclor 1242	ug/kg			4	U	N	3.8	U	N	3.8	U	N	34.9	U	N	3.3	UJ	N	18	U	N
Aroclor 1248	ug/kg			26.6	J	Y	46.1	J	Y	19.7		Y	34.9	U	N	27.2	J	Y	88.9	J	Y
Aroclor 1254	ug/kg			43.2		Y	64.5		Y	22.8		Y	112	J	Y	27	J	Y	128	J	Y
Aroclor 1260	ug/kg			31.3		Y	39.2		Y	8.2		Y	34.9	U	N	8.3	J	Y	24.7	J	Y
Arsenic	mg/kg	57	93	11.3		Y	7.68	J	Y	3.91	J	Y	15.7		Y	6.71	J	Y	8.72	J	Y
Benzo(A)anthracene	ug/kg	*1300*	1600	*18820*		*Y*	575		Y	284	U	N	200	J	Y	865	U	N	97.8	U	N
Benzo(A)pyrene	ug/kg	*1600*	1600	*18500*		*Y*	603		Y	284	U	N	216	J	Y	865	U	N	97.8	U	N
Benzo(G,H,I)perylene	ug/kg	*670*	720	*9890*		*Y*	438		Y	284	U	N	336	U	N	*865*	*U*	*N*	97.8	U	N
Benzofluoranthenes, Total	ug/kg	*3200*	3600	*24800*		*Y*	914		Y	568	U	N	589	J	Y	1730	U	N	196	U	N
Benzoic acid	ug/kg	*650*	650	*1060*	*U*	*N*	*1080*	*U*	*N*	*2840*	*U*	*N*	*3360*	*U*	*N*	*1040*	*J*	*Y*	*978*	*U*	*N*
Benzyl alcohol	ug/kg	*57*	73	*100*	*U*	*N*	*108*	*U*	*N*	*284*	*U*	*N*	*336*	*U*	*N*	*173*	*U*	*N*	*97.8*	*U*	*N*
bis(2-Chloroethoxy) methane	ug/kg			100	U	N	108	U	N	284	U	N	336	U	N	173	U	N	97.8	U	N
Bis-(2-chloroethyl) ether	ug/kg			250	U	N	269	U	N	710	UJ	N	839	U	N	433	UJ	N	245	U	N
Bis(2-ethylhexyl)phthalate	ug/kg	*1300*	1900	*1450*		*Y*	*2090*		*Y*	591	J	Y	*2790*		*Y*	*3750*		*Y*	*2580*		*Y*
Butylbenzylphthalate	ug/kg	*63*	900	*100*	*U*	*N*	*210*		*Y*	*284*	*U*	*N*	*204*	*J*	*Y*	*1030*		*Y*	*97.8*	*U*	*N*
Carbazole	ug/kg			4140		Y	136		Y	284	U	N	336	U	N	173	U	N	97.8	U	N
Chrysene	ug/kg	*1400*	2800	*20000*		*Y*	872		Y	284	U	N	324	J	Y	865	U	N	94.5	J	Y
Coarse Sand	%			*25.1*		Y	4		Y	8		Y	4.2		Y	7.9		Y	15.6		Y
Copper	mg/kg	390	390	105		Y	60.5		Y	24.8		Y	164	J	Y	101		Y	124		Y
cPAH	ug/kg		100	25730		Y	848.32		Y	568	U	N	382.14	J	Y	865	U	N	88.985	J	Y
Dibenzo(A,H)anthracene	ug/kg	*230*	230	*4150*		*Y*	215	U	N	*284*	*U*	*N*	*336*	*U*	*N*	*865*	*U*	*N*	97.8	U	N
Dibenzofuran	ug/kg	*540*	540	*3010*		*Y*	108	U	N	284	U	N	336	U	N	173	U	N	97.8	U	N
Diesel Range (Silica and Acid Cleaned)	mg/kg	2000	2000	231		Y	389		Y	251	J	Y	422		Y	217		Y	169	J	Y
Diethylphthalate	ug/kg	*200*	1200	*250*	*U*	*N*	*269*	*U*	*N*	*710*	*U*	*N*	*839*	*U*	*N*	*433*	*U*	*N*	*245*	*U*	*N*
Dimethylphthalate	ug/kg	*71*	160	59.4	J	Y	*108*	*U*	*N*	*284*	*U*	*N*	*1050*		*Y*	*3070*		*Y*	*758*		*Y*
Di-N-Butylphthalate	ug/kg	1400	1400	100	U	N	108	U	N	284	U	N	336	U	N	173	U	N	97.8	U	N
Di-N-Octylphthalate	ug/kg	6200	6200	200	U	N	215	U	N	284	U	N	336	U	N	865	U	N	97.8	U	N
Fine Gravel	%			1.7		Y	0.2		Y	6.5		Y	0.4		Y	0.5		Y	0.8		Y
Fine Sand	%			7.6		Y	31.3		Y	0.8		Y	11.2		Y	11.5		Y	11.1		Y
Fluoranthene	ug/kg	*1700*	2500	*25900*		*Y*	1590		Y	284	U	N	591		Y	865	U	N	178		Y
Fluorene	ug/kg	*540*	540	*5070*		*Y*	188		Y	284	U	N	336	U	N	173	U	N	97.8	U	N
Hexachlorobenzene	ug/kg	*22*	70	*100*	*U*	*N*	*108*	*U*	*N*	*284*	*U*	*N*	*336*	*U*	*N*	*173*	*U*	*N*	*97.8*	*U*	*N*
Hexachlorobutadiene	ug/kg	*11*	120	*100*	*U*	*N*	*108*	*U*	*N*	*284*	*U*	*N*	*336*	*U*	*N*	*173*	*U*	*N*	*97.8*	*U*	*N*
Hexachlorocyclopentadiene	ug/kg			500	U	N	538	U	N	1420	U	N	1680	U	N	865	U	N	489	U	N
Hexachloroethane	ug/kg			100	U	N	108	U	N	284	UJ	N	336	U	N	173	UJ	N	97.8	U	N
HPAH	ug/kg	*12000*	17000	*156140*		*Y*	7059		Y	568	U	N	2583	J	Y	865	U	N	460.5	J	Y
Indeno(1,2,3-Cd)pyrene	ug/kg	*600*	690	*10100*		*Y*	347		Y	284	U	N	336	U	N	*865*	*U*	*N*	97.8	U	N
Isophorone	ug/kg			100	U	N	108	U	N	284	U	N	336	U	N	173	U	N	97.8	U	N
Lead	mg/kg	450	530	109		Y	28		Y	3.8		Y	135	J	Y	66.9		Y	76.4		Y
LPAH	ug/kg	*5200*	5200	*57565*		*Y*	2434		Y	284	U	N	220	J	Y	102	J	Y	110		Y
Medium Sand	%			17.6		Y	31.3		Y	3.2		Y	31.9		Y	43.1		Y	37.2		Y
Mercury	mg/kg	0.41	0.59	0.145		Y	0.0558		Y	0.00724	J	Y	0.26		Y	0.0345	J	Y	0.0976		Y
Motor Oil (Silica and Acid Cleaned)	mg/kg	*2000*	2000	1070		Y	1890		Y	*3000*		*Y*	*3120*		*Y*	1080		Y	858		Y
Naphthalene	ug/kg	*2100*	2100	*5160*		*Y*	108	U	N	284	U	N	336	U	N	173	U	N	97.8	U	N
Nitrobenzene	ug/kg			100	U	N	108	U	N	284	U	N	336	U	N	173	U	N	97.8	U	N
N-Nitroso-Di-N-Propylamine	ug/kg			100	U	N	108	U	N	284	U	N	336	U	N	173	U	N	97.8	U	N
N-Nitrosodiphenylamine	ug/kg	*28*	40	*100*	*U*	*N*	*108*	*U*	*N*	*284*	*U*	*N*	*336*	*U*	*N*	*173*	*U*	*N*	*97.8*	*U*	*N*
Pentachlorophenol	ug/kg	*360*	690	*500*	*U*	*N*	*538*	*U*	*N*	*1420*	*U*	*N*	*1680*	*U*	*N*	*865*	*U*	*N*	*489*	*U*	*N*
Phenanthrene	ug/kg	*1500*	1500	*33400*		*Y*	*1740*		*Y*	284	U	N	220	J	Y	102	J	Y	110		Y
Phenol	ug/kg	420	1200	100	U	N	108	U	N	284	U	N	336	U	N	173	UJ	N	97.8	U	N
Polychlorinated Biphenyls	ug/kg	*130*	1000	101.1	J	Y	*149.8*	*J*	*Y*	50.7		Y	112	J	Y	62.5	J	Y	*241.6*	*J*	*Y*
Pyrene	ug/kg	*2600*	3300	*24000*		*Y*	1620		Y	284	U	N	663		Y	865	U	N	188		Y
Solids, Total	%			49.32		Y	49.57		Y	86.18		Y	28.28		Y	48.25	J	Y	49.91		Y
Total Fines	%			4.9		Y	19.9		Y	1.2		Y	33.3		Y	12.3		Y	11.2		Y
Total Organic Carbon	%			8.48		Y	4.82		Y	0.65		Y	13.7		Y	*7.69*		Y	10.6		Y
Very Coarse Sand	%			26.8		Y	1.7		Y	15.1		Y	3.2		Y	4.3		Y	8		Y
Very Fine Sand	%			3.2		Y	9.9		Y	0.4		Y	13.8		Y	16.9		Y	9		Y
Zinc	mg/kg	*410*	960	*417*		*Y*	405		Y	69		Y	*798*		*Y*	*604*		*Y*	*498*		*Y*

				Location	MH23		
				Sample Date	18 Mar 2025		
				Sample Name	JRZ-031825-1		
				Drainage Type	SD		
				Sample Method	Grab-Manual		
				Location Type	Inline		
				Project	Lower Duwamish Waterway		
				Outfall	Georgetown SD		
Analyte	Unit	SQS/LAET	CSL/2LAET	Result	Qualifier	Detected
1,2,4-Trichlorobenzene	ug/kg	31	51	24.3	UJ	N
1,2-Dichlorobenzene	ug/kg	35	50	24.3	UJ	N
1,3-Dichlorobenzene	ug/kg			24.3	UJ	N
1,4-Dichlorobenzene	ug/kg	110	110	24.3	UJ	N
1-Methylnaphthalene	ug/kg			284	J	Y
2,2'-Oxybis(1-chloropropane)	ug/kg			24.3	UJ	N
2,4,5-Trichlorophenol	ug/kg			122	UJ	N
2,4,6-Trichlorophenol	ug/kg			122	UJ	N
2,4-Dichlorophenol	ug/kg			122	UJ	N
2,4-Dimethylphenol	ug/kg	*29*	29	*122*	*UJ*	*N*
2,4-Dinitrophenol	ug/kg			243	UJ	N
2,4-Dinitrotoluene	ug/kg			122	UJ	N
2,6-Dinitrotoluene	ug/kg			122	UJ	N
2-Chloronaphthalene	ug/kg			24.3	UJ	N
2-Chlorophenol	ug/kg			24.3	UJ	N
2-Methylnaphthalene	ug/kg	670	670	306	J	Y
2-Methylphenol	ug/kg	63	63	24.3	UJ	N
2-Nitroaniline	ug/kg			122	UJ	N
2-Nitrophenol	ug/kg			24.3	UJ	N
3,3`-Dichlorobenzidine	ug/kg			122	UJ	N
3-Nitroaniline	ug/kg			122	UJ	N
4,6-Dinitro-2-Methylphenol	ug/kg			243	UJ	N
4-Bromophenyl phenyl ether	ug/kg			24.3	UJ	N
4-Chloro-3-Methylphenol	ug/kg			122	UJ	N
4-Chloroaniline	ug/kg			122	UJ	N
4-Chlorophenyl Phenylether	ug/kg			60.8	UJ	N
4-Methylphenol	ug/kg	670	670	257	J	Y
4-Nitroaniline	ug/kg			122	UJ	N
4-Nitrophenol	ug/kg			122	UJ	N
Acenaphthene	ug/kg	*500*	500	*731*	*J*	*Y*
Acenaphthylene	ug/kg	1300	1300	49.2	J	Y
Anthracene	ug/kg	*960*	960	*2690*	*J*	*Y*
Aroclor 1016	ug/kg			20	UJ	N
Aroclor 1221	ug/kg			20	UJ	N
Aroclor 1232	ug/kg			20	UJ	N
Aroclor 1242	ug/kg			20	UJ	N
Aroclor 1248	ug/kg			145	J	Y
Aroclor 1254	ug/kg			101	J	Y
Aroclor 1260	ug/kg			74.2	J	Y
Arsenic	mg/kg	57	93	9.89	J	Y
Benzo(A)anthracene	ug/kg	*1300*	1600	*6470*	*J*	*Y*
Benzo(A)pyrene	ug/kg	*1600*	1600	*5280*	*J*	*Y*
Benzo(G,H,I)perylene	ug/kg	*670*	720	*1730*	*J*	*Y*
Benzofluoranthenes, Total	ug/kg	*3200*	3600	*13200*	*J*	*Y*
Benzoic acid	ug/kg	*650*	650	*769*	*J*	*Y*
Benzyl alcohol	ug/kg	*57*	73	*505*	*J*	*Y*
bis(2-Chloroethoxy) methane	ug/kg			24.3	UJ	N
Bis-(2-chloroethyl) ether	ug/kg			60.8	UJ	N
Bis(2-ethylhexyl)phthalate	ug/kg	*1300*	1900	*2810*	*J*	*Y*
Butylbenzylphthalate	ug/kg	63	900	24.3	UJ	N
Carbazole	ug/kg			1070	J	Y
Chrysene	ug/kg	*1400*	2800	*6330*	*J*	*Y*
Coarse Sand	%			8.5		Y
Copper	mg/kg	390	390	246		Y
cPAH	ug/kg		100	7787.3	J	Y
Dibenzo(A,H)anthracene	ug/kg	*230*	230	*720*	*J*	*Y*
Dibenzofuran	ug/kg	540	540	288	J	Y
Diesel Range (Silica and Acid Cleaned)	mg/kg	2000	2000	356		Y
Diethylphthalate	ug/kg	200	1200	60.8	UJ	N
Dimethylphthalate	ug/kg	71	160	43.1	J	Y
Di-N-Butylphthalate	ug/kg	1400	1400	24.3	UJ	N
Di-N-Octylphthalate	ug/kg	6200	6200	24.3	UJ	N
Fine Gravel	%			0.7		Y
Fine Sand	%			10.2		Y
Fluoranthene	ug/kg	*1700*	2500	*13200*	*J*	*Y*
Fluorene	ug/kg	*540*	540	*691*	*J*	*Y*
Hexachlorobenzene	ug/kg	*22*	70	*24.3*	*UJ*	*N*
Hexachlorobutadiene	ug/kg	*11*	120	*24.3*	*UJ*	*N*
Hexachlorocyclopentadiene	ug/kg			122	UJ	N
Hexachloroethane	ug/kg			24.3	UJ	N
HPAH	ug/kg	*12000*	17000	*59220*	*J*	*Y*
Indeno(1,2,3-Cd)pyrene	ug/kg	*600*	690	*1890*	*J*	*Y*
Isophorone	ug/kg			24.3	UJ	N
Lead	mg/kg	450	530	166		Y
LPAH	ug/kg	*5200*	5200	*13692.2*	*J*	*Y*
Medium Sand	%			12.3		Y
Mercury	mg/kg	0.41	0.59	0.247		Y
Motor Oil (Silica and Acid Cleaned)	mg/kg	*2000*	2000	*2100*		*Y*
Naphthalene	ug/kg	2100	2100	311	J	Y
Nitrobenzene	ug/kg			24.3	UJ	N
N-Nitroso-Di-N-Propylamine	ug/kg			24.3	UJ	N
N-Nitrosodiphenylamine	ug/kg	28	40	24.3	UJ	N
Pentachlorophenol	ug/kg	360	690	122	UJ	N
Phenanthrene	ug/kg	*1500*	1500	*9220*	*J*	*Y*
Phenol	ug/kg	420	1200	164	J	Y
Polychlorinated Biphenyls	ug/kg	*130*	1000	*320.2*	*J*	*Y*
Pyrene	ug/kg	*2600*	3300	*10400*	*J*	*Y*
Solids, Total	%			24.01		Y
Total Fines	%			39.4		Y
Total Organic Carbon	%			15.3		Y
Very Coarse Sand	%			7.1		Y
Very Fine Sand	%			16.6		Y
Zinc	mg/kg	*410*	960	*1280*		*Y*

				Location	MH38		
				Sample Date	04 Nov 2025		
				Sample Name	CCO-110425		
				Drainage Type	SD		
				Sample Method	Grab-Manual		
				Location Type	Inline		
				Project	Lower Duwamish Waterway		
				Outfall	Head of Slip 2 SD		
Analyte	Unit	SQS/LAET	CSL/2LAET	Result	Qualifier	Detected
1,2,4-Trichlorobenzene	ug/kg	31	51	19.5	U	N
1,2-Dichlorobenzene	ug/kg	35	50	19.5	U	N
1,3-Dichlorobenzene	ug/kg			19.5	U	N
1,4-Dichlorobenzene	ug/kg	110	110	19.5	U	N
1-Methylnaphthalene	ug/kg			24.9		Y
2,2'-Oxybis(1-chloropropane)	ug/kg			19.5	U	N
2,4,5-Trichlorophenol	ug/kg			97.7	U	N
2,4,6-Trichlorophenol	ug/kg			97.7	U	N
2,4-Dichlorophenol	ug/kg			97.7	U	N
2,4-Dimethylphenol	ug/kg	*29*	29	*97.7*	*U*	*N*
2,4-Dinitrophenol	ug/kg			195	U	N
2,4-Dinitrotoluene	ug/kg			97.7	U	N
2,6-Dinitrotoluene	ug/kg			97.7	U	N
2-Chloronaphthalene	ug/kg			19.5	U	N
2-Chlorophenol	ug/kg			19.5	U	N
2-Methylnaphthalene	ug/kg	670	670	42		Y
2-Methylphenol	ug/kg	63	63	19.5	U	N
2-Nitroaniline	ug/kg			97.7	U	N
2-Nitrophenol	ug/kg			19.5	U	N
3,3`-Dichlorobenzidine	ug/kg			977	U	N
3-Nitroaniline	ug/kg			97.7	U	N
4,6-Dinitro-2-Methylphenol	ug/kg			195	U	N
4-Bromophenyl phenyl ether	ug/kg			19.5	U	N
4-Chloro-3-Methylphenol	ug/kg			97.7	U	N
4-Chloroaniline	ug/kg			97.7	U	N
4-Chlorophenyl Phenylether	ug/kg			48.9	U	N
4-Methylphenol	ug/kg	*670*	670	*2730*		*Y*
4-Nitroaniline	ug/kg			97.7	U	N
4-Nitrophenol	ug/kg			97.7	U	N
Acenaphthene	ug/kg	500	500	15.6	J	Y
Acenaphthylene	ug/kg	1300	1300	19.5	U	N
Anthracene	ug/kg	960	960	34.8		Y
Aroclor 1016	ug/kg			18.9	U	N
Aroclor 1221	ug/kg			18.9	U	N
Aroclor 1232	ug/kg			18.9	U	N
Aroclor 1242	ug/kg			18.9	U	N
Aroclor 1248	ug/kg			18.9	U	N
Aroclor 1254	ug/kg			18.9	U	N
Aroclor 1260	ug/kg			18.9	UJ	N
Arsenic	mg/kg	57	93	10.3	J	Y
Benzo(A)anthracene	ug/kg	1300	1600	195	U	N
Benzo(A)pyrene	ug/kg	1600	1600	977	U	N
Benzo(G,H,I)perylene	ug/kg	*670*	720	*977*	*U*	*N*
Benzofluoranthenes, Total	ug/kg	3200	3600	1950	U	N
Benzoic acid	ug/kg	650	650	141	J	Y
Benzyl alcohol	ug/kg	57	73	19.5	U	N
bis(2-Chloroethoxy) methane	ug/kg			19.5	U	N
Bis-(2-chloroethyl) ether	ug/kg			48.9	U	N
Bis(2-ethylhexyl)phthalate	ug/kg	*1300*	1900	*4400*		*Y*
Butylbenzylphthalate	ug/kg	*63*	900	*195*	*U*	*N*
Carbazole	ug/kg			24.6		Y
Chrysene	ug/kg	1400	2800	195	U	N
Coarse Sand	%			14		Y
Copper	mg/kg	390	390	71.4		Y
cPAH	ug/kg		100	840.975	U	N
Dibenzo(A,H)anthracene	ug/kg	*230*	230	*977*	*U*	*N*
Dibenzofuran	ug/kg	540	540	19.5	U	N
Diesel Range (Silica and Acid Cleaned)	mg/kg	2000	2000	1190	J	Y
Diethylphthalate	ug/kg	200	1200	48.9	U	N
Dimethylphthalate	ug/kg	71	160	12.7	J	Y
Di-N-Butylphthalate	ug/kg	*1400*	1400	*1830*		*Y*
Di-N-Octylphthalate	ug/kg	6200	6200	977	U	N
Fine Gravel	%			0.1		Y
Fine Sand	%			13.2		Y
Fluoranthene	ug/kg	1700	2500	158		Y
Fluorene	ug/kg	540	540	36.4		Y
Hexachlorobenzene	ug/kg	22	70	19.5	U	N
Hexachlorobutadiene	ug/kg	*11*	120	*19.5*	*U*	*N*
Hexachlorocyclopentadiene	ug/kg			97.7	U	N
Hexachloroethane	ug/kg			19.5	U	N
HPAH	ug/kg	12000	17000	402		Y
Indeno(1,2,3-Cd)pyrene	ug/kg	*600*	690	*977*	*U*	*N*
Isophorone	ug/kg			19.5	U	N
Lead	mg/kg	450	530	15.9		Y
LPAH	ug/kg	5200	5200	290.8	J	Y
Medium Sand	%			28.8		Y
Mercury	mg/kg	0.41	0.59	0.0314	J	Y
Motor Oil (Silica and Acid Cleaned)	mg/kg	*2000*	2000	*3650*		*Y*
Naphthalene	ug/kg	2100	2100	195	U	N
Nitrobenzene	ug/kg			19.5	U	N
N-Nitroso-Di-N-Propylamine	ug/kg			19.5	U	N
N-Nitrosodiphenylamine	ug/kg	*28*	40	*161*		*Y*
Pentachlorophenol	ug/kg	360	690	97.7	U	N
Phenanthrene	ug/kg	1500	1500	204		Y
Phenol	ug/kg	*420*	1200	*640*		*Y*
Polychlorinated Biphenyls	ug/kg	130	1000	18.9	U	N
Pyrene	ug/kg	2600	3300	244		Y
Solids, Total	%			53.59		Y
Total Fines	%			19.6		Y
Total Organic Carbon	%			2.47		Y
Very Coarse Sand	%			6.3		Y
Very Fine Sand	%			14		Y
Zinc	mg/kg	410	960	391		Y

				Location	HP-ST4			MH36			MH94			RCB410		
				Sample Date	05 Aug 2025			14 May 2025			31 Oct 2025			16 Dec 2025		
				Sample Name	HP-ST4-080525			JRZ-051425-3			JRZ-103125-2			JRZ-121625-3		
				Drainage Type	SD			SD			SD			SD		
				Sample Method	SedTrap			Grab-Manual			Grab-Manual			Grab-Manual		
				Location Type	Inline w/Active SPU Sed Trap			Inline			Inline			RCB		
				Project	Lower Duwamish Waterway			Lower Duwamish Waterway			Lower Duwamish Waterway			Lower Duwamish Waterway		
				Outfall	Highland Park Wy SW SD			Highland Park Wy SW SD			Highland Park Wy SW SD			Highland Park Wy SW SD		
Analyte	Unit	SQS/LAET	CSL/2LAET		Result	Qualifier	Detected	Result	Qualifier	Detected	Result	Qualifier	Detected	Result	Qualifier	Detected
1,2,4-Trichlorobenzene	ug/kg	*31*	51		*206*	*U*	*N*	*96.7*	*U*	*N*	*181*	*U*	*N*	*60.6*	*U*	*N*
1,2-Dichlorobenzene	ug/kg	*35*	50		*206*	*U*	*N*	*96.7*	*UJ*	*N*	*181*	*U*	*N*	*60.6*	*U*	*N*
1,3-Dichlorobenzene	ug/kg				206	U	N	96.7	UJ	N	181	U	N	60.6	U	N
1,4-Dichlorobenzene	ug/kg	*110*	110		*206*	*U*	*N*	96.7	UJ	N	*181*	*U*	*N*	60.6	U	N
1-Methylnaphthalene	ug/kg				206	U	N	96.7	UJ	N	181	U	N	60.6	U	N
2,2'-Oxybis(1-chloropropane)	ug/kg				206	U	N	96.7	U	N	181	U	N	60.6	U	N
2,4,5-Trichlorophenol	ug/kg				1030	U	N	483	UJ	N	904	U	N	303	U	N
2,4,6-Trichlorophenol	ug/kg				1030	U	N	483	U	N	904	U	N	303	U	N
2,4-Dichlorophenol	ug/kg				1030	U	N	483	U	N	904	U	N	303	U	N
2,4-Dimethylphenol	ug/kg	*29*	29		*1030*	*U*	*N*	*483*	*U*	*N*	*904*	*U*	*N*	*303*	*U*	*N*
2,4-Dinitrophenol	ug/kg				2060	U	N	967	U	N	1810	U	N	606	U	N
2,4-Dinitrotoluene	ug/kg				1030	U	N	483	UJ	N	904	U	N	303	U	N
2,6-Dinitrotoluene	ug/kg				1030	U	N	483	U	N	904	U	N	303	U	N
2-Chloronaphthalene	ug/kg				206	U	N	96.7	UJ	N	181	U	N	60.6	U	N
2-Chlorophenol	ug/kg				206	U	N	96.7	UJ	N	181	U	N	60.6	U	N
2-Methylnaphthalene	ug/kg	670	670		206	U	N	96.7	UJ	N	181	U	N	60.6	U	N
2-Methylphenol	ug/kg	*63*	63		*206*	*U*	*N*	*96.7*	*U*	*N*	*181*	*U*	*N*	60.6	U	N
2-Nitroaniline	ug/kg				1030	U	N	483	UJ	N	904	U	N	303	U	N
2-Nitrophenol	ug/kg				206	U	N	96.7	U	N	181	U	N	60.6	U	N
3,3` -Dichlorobenzidine	ug/kg				1030	U	N	483	U	N	904	U	N	303	U	N
3-Nitroaniline	ug/kg				1030	U	N	483	U	N	904	U	N	303	U	N
4,6-Dinitro-2-Methylphenol	ug/kg				2060	U	N	967	U	N	1810	U	N	606	U	N
4-Bromophenyl phenyl ether	ug/kg				206	U	N	96.7	UJ	N	181	U	N	60.6	U	N
4-Chloro-3-Methylphenol	ug/kg				1030	U	N	483	U	N	904	U	N	303	U	N
4-Chloroaniline	ug/kg				1030	U	N	483	U	N	904	U	N	303	U	N
4-Chlorophenyl Phenylether	ug/kg				515	U	N	242	U	N	452	U	N	151	U	N
4-Methylphenol	ug/kg	*670*	670		388		Y	112		Y	181	U	N	*2970*		*Y*
4-Nitroaniline	ug/kg				1030	U	N	483	U	N	904	U	N	303	U	N
4-Nitrophenol	ug/kg				1030	U	N	483	U	N	904	U	N	303	U	N
Acenaphthene	ug/kg	500	500		206	U	N	96.7	UJ	N	181	U	N	60.6	U	N
Acenaphthylene	ug/kg	1300	1300		206	U	N	96.7	UJ	N	181	U	N	60.6	U	N
Anthracene	ug/kg	960	960		206	U	N	96.7	UJ	N	181	U	N	103		Y
Aroclor 1016	ug/kg				4.5	U	N	19.4	U	N	19.9	U	N	61.2	U	N
Aroclor 1221	ug/kg				4.5	U	N	19.4	U	N	19.9	U	N	61.2	U	N
Aroclor 1232	ug/kg				4.5	U	N	19.4	U	N	19.9	U	N	61.2	U	N
Aroclor 1242	ug/kg				4.5	U	N	19.4	U	N	19.9	U	N	61.2	U	N
Aroclor 1248	ug/kg				13.7		Y	19.4	U	N	19.9	U	N	61.2	U	N
Aroclor 1254	ug/kg				10.5		Y	19.4	U	N	19.9	U	N	61.2	U	N
Aroclor 1260	ug/kg				10		Y	19.4	U	N	19.9	U	N	61.2	U	N
Arsenic	mg/kg	57	93		14	U	N	6.59	U	N	10.6		Y	28.8	U	N
Benzo(A)anthracene	ug/kg	1300	1600		206	U	N	81	J	Y	181	U	N	104		Y
Benzo(A)pyrene	ug/kg	1600	1600		206	U	N	101	J	Y	181	U	N	228		Y
Benzo(G,H,I)perylene	ug/kg	670	720		206	U	N	96.7	U	N	181	U	N	60.6	U	N
Benzofluoranthenes, Total	ug/kg	3200	3600		412	U	N	202		Y	362	U	N	199		Y
Benzoic acid	ug/kg	*650*	650		*2060*	*U*	*N*	*967*	*U*	*N*	*1810*	*U*	*N*	606	U	N
Benzyl alcohol	ug/kg	*57*	73		*206*	*U*	*N*	*96.7*	*U*	*N*	*181*	*U*	*N*	*60.6*	*U*	*N*
bis(2-Chloroethoxy) methane	ug/kg				206	U	N	96.7	UJ	N	181	U	N	60.6	U	N
Bis-(2-chloroethyl) ether	ug/kg				515	U	N	242	UJ	N	452	U	N	151	U	N
Bis(2-ethylhexyl)phthalate	ug/kg	*1300*	1900		*2450*		*Y*	201	J	Y	452	U	N	*1510*		*Y*
Butylbenzylphthalate	ug/kg	*63*	900		*206*	*U*	*N*	*68.2*	*J*	*Y*	*181*	*U*	*N*	60.6	U	N
Carbazole	ug/kg				206	U	N	96.7	U	N	181	U	N	60.6	U	N
Chrysene	ug/kg	1400	2800		206	U	N	109	J	Y	181	U	N	119		Y
Coarse Sand	%				19.9		Y	17.5		Y	15.7		Y	11.5		Y
Copper	mg/kg	390	390		42.3		Y	18.4		Y	53.2	J	Y	76.4		Y
cPAH	ug/kg		100		412	U	N	154.565	J	Y	163.805	U	N	274.64		Y
Dibenzo(A,H)anthracene	ug/kg	230	230		206	U	N	96.7	U	N	181	U	N	60.6	U	N
Dibenzofuran	ug/kg	540	540		206	U	N	96.7	UJ	N	181	U	N	60.6	U	N
Diesel Range (Silica and Acid Cleaned)	mg/kg	2000	2000		317		Y	24.9		Y	86		Y	820		Y
Diethylphthalate	ug/kg	*200*	1200		*515*	*U*	*N*	*242*	*UJ*	*N*	*452*	*U*	*N*	151	U	N
Dimethylphthalate	ug/kg	*71*	160		*206*	*U*	*N*	*96.7*	*UJ*	*N*	*181*	*U*	*N*	60.6	U	N
Di-N-Butylphthalate	ug/kg	1400	1400		206	U	N	361	J	Y	181	U	N	60.6	U	N
Di-N-Octylphthalate	ug/kg	6200	6200		206	U	N	96.7	U	N	181	U	N	60.6	U	N
Fine Gravel	%				2.6		Y	1.5		Y	8.3		Y	2.1		Y
Fine Sand	%				4.8		Y	9.7		Y	5		Y	4.9		Y
Fluoranthene	ug/kg	1700	2500		118	J	Y	224		Y	118	J	Y	332		Y
Fluorene	ug/kg	540	540		206	U	N	96.7	UJ	N	181	U	N	60.6	U	N
Hexachlorobenzene	ug/kg	*22*	70		*206*	*U*	*N*	*96.7*	*U*	*N*	*181*	*U*	*N*	*60.6*	*U*	*N*
Hexachlorobutadiene	ug/kg	*11*	120		*206*	*U*	*N*	*96.7*	*U*	*N*	*181*	*U*	*N*	*60.6*	*U*	*N*
Hexachlorocyclopentadiene	ug/kg				1030	U	N	483	U	N	904	U	N	303	U	N
Hexachloroethane	ug/kg				206	U	N	96.7	UJ	N	181	U	N	60.6	U	N
HPAH	ug/kg	12000	17000		274	J	Y	907	J	Y	241	J	Y	1335		Y
Indeno(1,2,3-Cd)pyrene	ug/kg	600	690		206	U	N	96.7	U	N	181	U	N	60.6	U	N
Isophorone	ug/kg				206	U	N	96.7	U	N	181	U	N	60.6	U	N
Lead	mg/kg	450	530		35.9		Y	38.7		Y	117	J	Y	77.3		Y
LPAH	ug/kg	5200	5200		206	U	N	96.9	J	Y	181	U	N	415		Y
Medium Sand	%				20		Y	45.3		Y	15		Y	14.3		Y
Mercury	mg/kg	0.41	0.59		0.0493	J	Y	0.018	J	Y	0.153		Y	0.215		Y
Motor Oil (Silica and Acid Cleaned)	mg/kg	*2000*	2000		1520		Y	105		Y	636		Y	*2020*		*Y*
Naphthalene	ug/kg	2100	2100		206	U	N	96.7	UJ	N	181	U	N	67		Y
Nitrobenzene	ug/kg				206	U	N	96.7	UJ	N	181	U	N	60.6	U	N
N-Nitroso-Di-N-Propylamine	ug/kg				206	U	N	96.7	U	N	181	U	N	60.6	U	N
N-Nitrosodiphenylamine	ug/kg	*28*	40		*206*	*U*	*N*	*96.7*	*U*	*N*	*181*	*U*	*N*	*60.6*	*U*	*N*
Pentachlorophenol	ug/kg	*360*	690		*1030*	*U*	*N*	*483*	*U*	*N*	*904*	*U*	*N*	303	U	N
Phenanthrene	ug/kg	1500	1500		206	U	N	96.9	J	Y	181	U	N	245		Y
Phenol	ug/kg	*420*	1200		270		Y	96.7	U	N	181	U	N	*979*		*Y*
Polychlorinated Biphenyls	ug/kg	130	1000		34.2		Y	19.4	U	N	19.9	U	N	61.2	U	N
Pyrene	ug/kg	2600	3300		156	J	Y	190	J	Y	123	J	Y	353		Y
Solids, Total	%				33.39		Y	72.66		Y	20.78		Y	15.51		Y
Total Fines	%				9.7		Y	2.3		Y	5.5		Y	26.5		Y
Total Organic Carbon	%				13.9		Y	0.82		Y	5.33		Y	33.1		Y
Very Coarse Sand	%				22		Y	5.1		Y	18.7		Y	9.4		Y
Very Fine Sand	%				5.2		Y	3.6		Y	3.5		Y	8.4		Y
Zinc	mg/kg	*410*	960		288		Y	63.7		Y	212		Y	*527*		*Y*

				Location	SL4-T6		
				Sample Date	02 Jul 2025		
				Sample Name	SL4-T6-070225		
				Drainage Type	SD		
				Sample Method	SedTrap		
				Location Type	Inline w/Active SPU Sed Trap		
				Project	Lower Duwamish Waterway		
				Outfall	I-5 SD at Slip 4		
Analyte	Unit	SQS/LAET	CSL/2LAET	Result	Qualifier	Detected
1,2,4-Trichlorobenzene	ug/kg	*31*	51	*195*	*U*	*N*
1,2-Dichlorobenzene	ug/kg	*35*	50	*195*	*UJ*	*N*
1,3-Dichlorobenzene	ug/kg			195	UJ	N
1,4-Dichlorobenzene	ug/kg	*110*	110	*195*	*UJ*	*N*
1-Methylnaphthalene	ug/kg			195	U	N
2,2'-Oxybis(1-chloropropane)	ug/kg			195	U	N
2,4,5-Trichlorophenol	ug/kg			977	U	N
2,4,6-Trichlorophenol	ug/kg			977	U	N
2,4-Dichlorophenol	ug/kg			977	U	N
2,4-Dimethylphenol	ug/kg	*29*	29	*977*	*U*	*N*
2,4-Dinitrophenol	ug/kg			1950	U	N
2,4-Dinitrotoluene	ug/kg			977	U	N
2,6-Dinitrotoluene	ug/kg			977	U	N
2-Chloronaphthalene	ug/kg			195	U	N
2-Chlorophenol	ug/kg			195	UJ	N
2-Methylnaphthalene	ug/kg	670	670	195	U	N
2-Methylphenol	ug/kg	*63*	63	*195*	*U*	*N*
2-Nitroaniline	ug/kg			977	U	N
2-Nitrophenol	ug/kg			195	U	N
3,3`-Dichlorobenzidine	ug/kg			4890	U	N
3-Nitroaniline	ug/kg			977	U	N
4,6-Dinitro-2-Methylphenol	ug/kg			1950	U	N
4-Bromophenyl phenyl ether	ug/kg			195	U	N
4-Chloro-3-Methylphenol	ug/kg			977	U	N
4-Chloroaniline	ug/kg			977	U	N
4-Chlorophenyl Phenylether	ug/kg			489	U	N
4-Methylphenol	ug/kg	*670*	670	*717*		*Y*
4-Nitroaniline	ug/kg			977	U	N
4-Nitrophenol	ug/kg			977	U	N
Acenaphthene	ug/kg	500	500	195	U	N
Acenaphthylene	ug/kg	1300	1300	195	U	N
Anthracene	ug/kg	960	960	195	U	N
Aroclor 1016	ug/kg			3.9	UJ	N
Aroclor 1221	ug/kg			3.9	UJ	N
Aroclor 1232	ug/kg			3.9	UJ	N
Aroclor 1242	ug/kg			3.9	UJ	N
Aroclor 1248	ug/kg			3.9	UJ	N
Aroclor 1254	ug/kg			38.7	J	Y
Aroclor 1260	ug/kg			14.4	J	Y
Arsenic	mg/kg	57	93	11	J	Y
Benzo(A)anthracene	ug/kg	1300	1600	977	U	N
Benzo(A)pyrene	ug/kg	1600	1600	977	U	N
Benzo(G,H,I)perylene	ug/kg	*670*	720	*977*	*U*	*N*
Benzofluoranthenes, Total	ug/kg	3200	3600	1950	U	N
Benzoic acid	ug/kg	*650*	650	*1320*	*J*	*Y*
Benzyl alcohol	ug/kg	*57*	73	*195*	*U*	*N*
bis(2-Chloroethoxy) methane	ug/kg			195	U	N
Bis-(2-chloroethyl) ether	ug/kg			489	UJ	N
Bis(2-ethylhexyl)phthalate	ug/kg	*1300*	1900	*9060*		*Y*
Butylbenzylphthalate	ug/kg	*63*	900	*977*	*U*	*N*
Carbazole	ug/kg			195	U	N
Chrysene	ug/kg	1400	2800	977	U	N
Copper	mg/kg	390	390	174		Y
cPAH	ug/kg		100	977	U	N
Dibenzo(A,H)anthracene	ug/kg	*230*	230	*977*	*U*	*N*
Dibenzofuran	ug/kg	540	540	195	U	N
Diesel Range (Silica and Acid Cleaned)	mg/kg	2000	2000	353		Y
Diethylphthalate	ug/kg	*200*	1200	*489*	*U*	*N*
Dimethylphthalate	ug/kg	*71*	160	*1490*		*Y*
Di-N-Butylphthalate	ug/kg	1400	1400	195	U	N
Di-N-Octylphthalate	ug/kg	6200	6200	977	U	N
Fluoranthene	ug/kg	1700	2500	791	J	Y
Fluorene	ug/kg	540	540	195	U	N
Hexachlorobenzene	ug/kg	*22*	70	*195*	*U*	*N*
Hexachlorobutadiene	ug/kg	*11*	120	*195*	*U*	*N*
Hexachlorocyclopentadiene	ug/kg			977	U	N
Hexachloroethane	ug/kg			195	UJ	N
HPAH	ug/kg	12000	17000	1555	J	Y
Indeno(1,2,3-Cd)pyrene	ug/kg	*600*	690	*977*	*U*	*N*
Isophorone	ug/kg			195	U	N
Lead	mg/kg	450	530	77.6		Y
LPAH	ug/kg	5200	5200	418		Y
Mercury	mg/kg	0.41	0.59	0.0759		Y
Motor Oil (Silica and Acid Cleaned)	mg/kg	2000	2000	1680		Y
Naphthalene	ug/kg	2100	2100	195	U	N
Nitrobenzene	ug/kg			195	U	N
N-Nitroso-Di-N-Propylamine	ug/kg			195	U	N
N-Nitrosodiphenylamine	ug/kg	*28*	40	*195*	*U*	*N*
Pentachlorophenol	ug/kg	*360*	690	*977*	*U*	*N*
Phenanthrene	ug/kg	1500	1500	418		Y
Phenol	ug/kg	420	1200	195	UJ	N
Polychlorinated Biphenyls	ug/kg	130	1000	53.1	J	Y
Pyrene	ug/kg	2600	3300	764	J	Y
Solids, Total	%			39.97	J	Y
Total Organic Carbon	%			18.9		Y
Zinc	mg/kg	*410*	960	*982*		*Y*

				Location	MH93		
				Sample Date	21 Oct 2025		
				Sample Name	JRZ-102125-1		
				Drainage Type	SD		
				Sample Method	Grab-Manual		
				Location Type	Inline		
				Project	Lower Duwamish Waterway		
				Outfall	S 96th St SD		
Analyte	Unit	SQS/LAET	CSL/2LAET	Result	Qualifier	Detected
1,2,4-Trichlorobenzene	ug/kg	31	51	22.6	U	N
1,2-Dichlorobenzene	ug/kg	35	50	22.6	U	N
1,3-Dichlorobenzene	ug/kg			22.6	U	N
1,4-Dichlorobenzene	ug/kg	110	110	22.6	U	N
1-Methylnaphthalene	ug/kg			14	J	Y
2,2'-Oxybis(1-chloropropane)	ug/kg			22.6	U	N
2,4,5-Trichlorophenol	ug/kg			113	U	N
2,4,6-Trichlorophenol	ug/kg			113	U	N
2,4-Dichlorophenol	ug/kg			113	U	N
2,4-Dimethylphenol	ug/kg	*29*	29	*113*	*U*	*N*
2,4-Dinitrophenol	ug/kg			226	U	N
2,4-Dinitrotoluene	ug/kg			113	U	N
2,6-Dinitrotoluene	ug/kg			113	U	N
2-Chloronaphthalene	ug/kg			22.6	U	N
2-Chlorophenol	ug/kg			22.6	U	N
2-Methylnaphthalene	ug/kg	670	670	29.4		Y
2-Methylphenol	ug/kg	63	63	13.2	J	Y
2-Nitroaniline	ug/kg			113	U	N
2-Nitrophenol	ug/kg			22.6	U	N
3,3`-Dichlorobenzidine	ug/kg			1130	U	N
3-Nitroaniline	ug/kg			113	U	N
4,6-Dinitro-2-Methylphenol	ug/kg			226	U	N
4-Bromophenyl phenyl ether	ug/kg			22.6	U	N
4-Chloro-3-Methylphenol	ug/kg			113	U	N
4-Chloroaniline	ug/kg			113	U	N
4-Chlorophenyl Phenylether	ug/kg			56.4	U	N
4-Methylphenol	ug/kg	670	670	22.8		Y
4-Nitroaniline	ug/kg			113	U	N
4-Nitrophenol	ug/kg			113	U	N
Acenaphthene	ug/kg	500	500	17.6	J	Y
Acenaphthylene	ug/kg	1300	1300	28.8		Y
Anthracene	ug/kg	960	960	266		Y
Aroclor 1016	ug/kg			19.9	U	N
Aroclor 1221	ug/kg			19.9	U	N
Aroclor 1232	ug/kg			19.9	U	N
Aroclor 1242	ug/kg			19.9	U	N
Aroclor 1248	ug/kg			90.9	J	Y
Aroclor 1254	ug/kg			122		Y
Aroclor 1260	ug/kg			83.7		Y
Arsenic	mg/kg	57	93	36.2		Y
Benzo(A)anthracene	ug/kg	1300	1600	543		Y
Benzo(A)pyrene	ug/kg	1600	1600	415		Y
Benzo(G,H,I)perylene	ug/kg	670	720	284	J	Y
Benzofluoranthenes, Total	ug/kg	3200	3600	1280		Y
Benzoic acid	ug/kg	650	650	177	J	Y
Benzyl alcohol	ug/kg	57	73	22.6	U	N
bis(2-Chloroethoxy) methane	ug/kg			22.6	U	N
Bis-(2-chloroethyl) ether	ug/kg			56.4	U	N
Butylbenzylphthalate	ug/kg	*63*	900	*1030*		*Y*
Carbazole	ug/kg			141		Y
Chrysene	ug/kg	1400	2800	1090		Y
Coarse Sand	%			4.5		Y
Copper	mg/kg	390	390	207		Y
cPAH	ug/kg		100	664.7		Y
Dibenzo(A,H)anthracene	ug/kg	230	230	226	U	N
Dibenzofuran	ug/kg	540	540	30.5		Y
Diesel Range (Silica and Acid Cleaned)	mg/kg	2000	2000	750		Y
Diethylphthalate	ug/kg	200	1200	56.4	U	N
Dimethylphthalate	ug/kg	71	160	67.9		Y
Di-N-Butylphthalate	ug/kg	1400	1400	528		Y
Fine Gravel	%			1.2		Y
Fine Sand	%			23		Y
Fluoranthene	ug/kg	1700	2500	1300		Y
Fluorene	ug/kg	540	540	33.2		Y
Hexachlorobenzene	ug/kg	*22*	70	*22.6*	*U*	*N*
Hexachlorobutadiene	ug/kg	*11*	120	*22.6*	*U*	*N*
Hexachlorocyclopentadiene	ug/kg			113	U	N
Hexachloroethane	ug/kg			22.6	U	N
HPAH	ug/kg	12000	17000	6062	J	Y
Indeno(1,2,3-Cd)pyrene	ug/kg	600	690	226	U	N
Isophorone	ug/kg			22.6	U	N
Lead	mg/kg	450	530	180		Y
LPAH	ug/kg	5200	5200	649.9	J	Y
Medium Sand	%			11		Y
Mercury	mg/kg	0.41	0.59	0.354		Y
Motor Oil (Silica and Acid Cleaned)	mg/kg	*2000*	2000	*3470*		*Y*
Naphthalene	ug/kg	2100	2100	40.3		Y
Nitrobenzene	ug/kg			22.6	U	N
N-Nitroso-Di-N-Propylamine	ug/kg			22.6	U	N
N-Nitrosodiphenylamine	ug/kg	28	40	22.6	U	N
Pentachlorophenol	ug/kg	360	690	113	U	N
Phenanthrene	ug/kg	1500	1500	264		Y
Phenol	ug/kg	420	1200	85.6		Y
Polychlorinated Biphenyls	ug/kg	*130*	1000	*296.6*	*J*	*Y*
Pyrene	ug/kg	2600	3300	1150		Y
Solids, Total	%			43.16		Y
Total Fines	%			33.1		Y
Total Organic Carbon	%			8.86	J	Y
Very Coarse Sand	%			2.6		Y
Very Fine Sand	%			5.1		Y
Zinc	mg/kg	*410*	960	*1270*		*Y*

				Location	MH223	
				Sample Date	21 Oct 2025	
				Sample Name	JRZ-102125-2	
				Drainage Type	SD	
				Sample Method	Grab-Manual	
				Location Type	Inline	
				Project	Lower Duwamish Waterway	
				Outfall	S Brighton St SD	
Analyte	Unit	SQS/LAET	CSL/2LAET	Result	Qualifier	Detected
1,2,4-Trichlorobenzene	ug/kg	31	51	17.9	U	N
1,2-Dichlorobenzene	ug/kg	35	50	17.9	U	N
1,3-Dichlorobenzene	ug/kg			17.9	U	N
1,4-Dichlorobenzene	ug/kg	110	110	17.9	U	N
1-Methylnaphthalene	ug/kg			17.9	U	N
2,2'-Oxybis(1-chloropropane)	ug/kg			17.9	U	N
2,4,5-Trichlorophenol	ug/kg			89.5	U	N
2,4,6-Trichlorophenol	ug/kg			89.5	U	N
2,4-Dichlorophenol	ug/kg			89.5	U	N
2,4-Dimethylphenol	ug/kg	*29*	29	*89.5*	*U*	*N*
2,4-Dinitrophenol	ug/kg			179	U	N
2,4-Dinitrotoluene	ug/kg			89.5	U	N
2,6-Dinitrotoluene	ug/kg			89.5	U	N
2-Chloronaphthalene	ug/kg			17.9	U	N
2-Chlorophenol	ug/kg			17.9	U	N
2-Methylnaphthalene	ug/kg	670	670	17.9	U	N
2-Methylphenol	ug/kg	63	63	17.9	U	N
2-Nitroaniline	ug/kg			89.5	U	N
2-Nitrophenol	ug/kg			17.9	U	N
3,3`-Dichlorobenzidine	ug/kg			89.5	U	N
3-Nitroaniline	ug/kg			89.5	U	N
4,6-Dinitro-2-Methylphenol	ug/kg			179	U	N
4-Bromophenyl phenyl ether	ug/kg			17.9	U	N
4-Chloro-3-Methylphenol	ug/kg			89.5	U	N
4-Chloroaniline	ug/kg			89.5	U	N
4-Chlorophenyl Phenylether	ug/kg			44.8	U	N
4-Methylphenol	ug/kg	670	670	17.9	U	N
4-Nitroaniline	ug/kg			89.5	U	N
4-Nitrophenol	ug/kg			89.5	U	N
Acenaphthene	ug/kg	500	500	17.9	U	N
Acenaphthylene	ug/kg	1300	1300	17.9	U	N
Anthracene	ug/kg	960	960	17.9	U	N
Aroclor 1016	ug/kg			17.4	U	N
Aroclor 1221	ug/kg			17.4	U	N
Aroclor 1232	ug/kg			17.4	U	N
Aroclor 1242	ug/kg			17.4	U	N
Aroclor 1248	ug/kg			17.4	U	N
Aroclor 1254	ug/kg			17.4	U	N
Aroclor 1260	ug/kg			17.4	U	N
Arsenic	mg/kg	57	93	3.97	J	Y
Benzo(A)anthracene	ug/kg	1300	1600	17.9	U	N
Benzo(A)pyrene	ug/kg	1600	1600	89.5	U	N
Benzo(G,H,I)perylene	ug/kg	670	720	89.5	U	N
Benzofluoranthenes, Total	ug/kg	3200	3600	179	U	N
Benzoic acid	ug/kg	650	650	179	U	N
Benzyl alcohol	ug/kg	57	73	17.9	U	N
bis(2-Chloroethoxy) methane	ug/kg			17.9	U	N
Bis-(2-chloroethyl) ether	ug/kg			44.8	U	N
Bis(2-ethylhexyl)phthalate	ug/kg	1300	1900	126		Y
Butylbenzylphthalate	ug/kg	63	900	17.9	U	N
Carbazole	ug/kg			17.9	U	N
Chrysene	ug/kg	1400	2800	17.9	U	N
Coarse Sand	%			0.4		Y
Copper	mg/kg	390	390	20.9		Y
cPAH	ug/kg		100	77.0595	U	N
Dibenzo(A,H)anthracene	ug/kg	230	230	89.5	U	N
Dibenzofuran	ug/kg	540	540	17.9	U	N
Diesel Range (Silica and Acid Cleaned)	mg/kg	2000	2000	15.3		Y
Diethylphthalate	ug/kg	200	1200	44.8	U	N
Dimethylphthalate	ug/kg	71	160	17.9	U	N
Di-N-Butylphthalate	ug/kg	1400	1400	17.9	U	N
Fine Gravel	%			0.1	U	N
Fine Sand	%			48.2		Y
Fluoranthene	ug/kg	1700	2500	9	J	Y
Fluorene	ug/kg	540	540	17.9	U	N
Hexachlorobenzene	ug/kg	22	70	17.9	U	N
Hexachlorobutadiene	ug/kg	*11*	120	*17.9*	*U*	*N*
Hexachlorocyclopentadiene	ug/kg			89.5	U	N
Hexachloroethane	ug/kg			17.9	U	N
HPAH	ug/kg	12000	17000	28.4	J	Y
Indeno(1,2,3-Cd)pyrene	ug/kg	600	690	89.5	U	N
Isophorone	ug/kg			17.9	U	N
Lead	mg/kg	450	530	3.98		Y
LPAH	ug/kg	5200	5200	17.9	U	N
Medium Sand	%			23.8		Y
Mercury	mg/kg	0.41	0.59	0.121		Y
Motor Oil (Silica and Acid Cleaned)	mg/kg	2000	2000	120		Y
Naphthalene	ug/kg	2100	2100	17.9	U	N
Nitrobenzene	ug/kg			17.9	U	N
N-Nitroso-Di-N-Propylamine	ug/kg			17.9	U	N
N-Nitrosodiphenylamine	ug/kg	28	40	17.9	U	N
Pentachlorophenol	ug/kg	360	690	89.5	U	N
Phenanthrene	ug/kg	1500	1500	17.9	U	N
Phenol	ug/kg	420	1200	17.9	U	N
Polychlorinated Biphenyls	ug/kg	130	1000	17.4	U	N
Pyrene	ug/kg	2600	3300	19.4		Y
Solids, Total	%			67.89		Y
Total Fines	%			11.5		Y
Total Organic Carbon	%			0.82	J	Y
Very Coarse Sand	%			0.4		Y
Very Fine Sand	%			15.1		Y
Zinc	mg/kg	410	960	54.6		Y

				Location	GDN-ST1		
				Sample Date	02 Jul 2025		
				Sample Name	GDN-ST1-070225		
				Drainage Type	SD		
				Sample Method	SetTrap		
				Location Type	Inline		
				Project	Lower Duwamish Waterway		
				Outfall	S Garden St SD		
Analyte	Unit	SQS/LAET	CSL/2LAET	Result	Qualifier	Detected
1,2,4-Trichlorobenzene	ug/kg	*31*	51	*185*	*U*	*N*
1,2-Dichlorobenzene	ug/kg	*35*	50	*185*	*UJ*	*N*
1,3-Dichlorobenzene	ug/kg			185	UJ	N
1,4-Dichlorobenzene	ug/kg	*110*	110	*185*	*UJ*	*N*
1-Methylnaphthalene	ug/kg			185	U	N
2,2'-Oxybis(1-chloropropane)	ug/kg			185	U	N
2,4,5-Trichlorophenol	ug/kg			924	U	N
2,4,6-Trichlorophenol	ug/kg			924	U	N
2,4-Dichlorophenol	ug/kg			924	U	N
2,4-Dimethylphenol	ug/kg	*29*	29	*924*	*U*	*N*
2,4-Dinitrophenol	ug/kg			1850	U	N
2,4-Dinitrotoluene	ug/kg			924	U	N
2,6-Dinitrotoluene	ug/kg			924	U	N
2-Chloronaphthalene	ug/kg			185	U	N
2-Chlorophenol	ug/kg			185	UJ	N
2-Methylnaphthalene	ug/kg	670	670	185	U	N
2-Methylphenol	ug/kg	*63*	63	*185*	*U*	*N*
2-Nitroaniline	ug/kg			924	U	N
2-Nitrophenol	ug/kg			185	U	N
3,3`-Dichlorobenzidine	ug/kg			4620	U	N
3-Nitroaniline	ug/kg			924	U	N
4,6-Dinitro-2-Methylphenol	ug/kg			1850	U	N
4-Bromophenyl phenyl ether	ug/kg			185	U	N
4-Chloro-3-Methylphenol	ug/kg			924	U	N
4-Chloroaniline	ug/kg			924	U	N
4-Chlorophenyl Phenylether	ug/kg			462	U	N
4-Methylphenol	ug/kg	670	670	185	U	N
4-Nitroaniline	ug/kg			924	U	N
4-Nitrophenol	ug/kg			924	U	N
Acenaphthene	ug/kg	500	500	185	U	N
Acenaphthylene	ug/kg	1300	1300	185	U	N
Anthracene	ug/kg	960	960	185	U	N
Aroclor 1016	ug/kg			35.5	UJ	N
Aroclor 1221	ug/kg			35.5	UJ	N
Aroclor 1232	ug/kg			35.5	UJ	N
Aroclor 1242	ug/kg			35.5	UJ	N
Aroclor 1248	ug/kg			273		Y
Aroclor 1254	ug/kg			483		Y
Aroclor 1260	ug/kg			232		Y
Arsenic	mg/kg	57	93	12.3	J	Y
Benzo(A)anthracene	ug/kg	1300	1600	924	U	N
Benzo(A)pyrene	ug/kg	1600	1600	924	U	N
Benzo(G,H,I)perylene	ug/kg	*670*	720	*924*	*U*	*N*
Benzofluoranthenes, Total	ug/kg	3200	3600	1850	U	N
Benzoic acid	ug/kg	*650*	650	*1850*	*U*	*N*
Benzyl alcohol	ug/kg	*57*	73	*185*	*U*	*N*
bis(2-Chloroethoxy) methane	ug/kg			185	U	N
Bis-(2-chloroethyl) ether	ug/kg			462	UJ	N
Bis(2-ethylhexyl)phthalate	ug/kg	*1300*	1900	*2650*		*Y*
Butylbenzylphthalate	ug/kg	*63*	900	*924*	*U*	*N*
Carbazole	ug/kg			185	U	N
Chrysene	ug/kg	1400	2800	924	U	N
Copper	mg/kg	390	390	308		Y
cPAH	ug/kg		100	924	U	N
Dibenzo(A,H)anthracene	ug/kg	*230*	230	*924*	*U*	*N*
Dibenzofuran	ug/kg	540	540	185	U	N
Diesel Range (Silica and Acid Cleaned)	mg/kg	2000	2000	140		Y
Diethylphthalate	ug/kg	*200*	1200	*462*	*U*	*N*
Dimethylphthalate	ug/kg	*71*	160	*185*	*U*	*N*
Di-N-Butylphthalate	ug/kg	1400	1400	185	U	N
Di-N-Octylphthalate	ug/kg	6200	6200	924	U	N
Fluoranthene	ug/kg	1700	2500	924	U	N
Fluorene	ug/kg	540	540	185	U	N
Hexachlorobenzene	ug/kg	*22*	70	*185*	*U*	*N*
Hexachlorobutadiene	ug/kg	*11*	120	*185*	*U*	*N*
Hexachlorocyclopentadiene	ug/kg			924	U	N
Hexachloroethane	ug/kg			185	UJ	N
HPAH	ug/kg	12000	17000	924	U	N
Indeno(1,2,3-Cd)pyrene	ug/kg	*600*	690	*924*	*U*	*N*
Isophorone	ug/kg			185	U	N
Lead	mg/kg	450	530	253		Y
LPAH	ug/kg	5200	5200	185	U	N
Mercury	mg/kg	*0.41*	0.59	*0.634*		*Y*
Motor Oil (Silica and Acid Cleaned)	mg/kg	2000	2000	1010		Y
Naphthalene	ug/kg	2100	2100	185	U	N
Nitrobenzene	ug/kg			185	U	N
N-Nitroso-Di-N-Propylamine	ug/kg			185	U	N
N-Nitrosodiphenylamine	ug/kg	*28*	40	*185*	*U*	*N*
Pentachlorophenol	ug/kg	*360*	690	*924*	*U*	*N*
Phenanthrene	ug/kg	1500	1500	185	U	N
Phenol	ug/kg	420	1200	185	UJ	N
Polychlorinated Biphenyls	ug/kg	*130*	1000	*988*		*Y*
Pyrene	ug/kg	2600	3300	924	U	N
Solids, Total	%			48.51	J	Y
Total Organic Carbon	%			4.02		Y
Zinc	mg/kg	*410*	960	*1550*		*Y*

			Location	MYR-ST1		
			Sample Date	15 Sep 2025		
			Sample Name	MYR-ST1-091525		
			Drainage Type	SD		
			Sample Method	SedTrap		
			Location Type	Inline w/Active SPU Sed Trap		
			Project	Lower Duwamish Waterway		
			Outfall	S Myrtle St SD		
Analyte	Unit	SQS/LAET	CSL/2LAET	Result	Qualifier	Detected
1,2,4-Trichlorobenzene	ug/kg	*31*	51	*136*	*U*	*N*
1,2-Dichlorobenzene	ug/kg	*35*	50	*136*	*U*	*N*
1,3-Dichlorobenzene	ug/kg			136	U	N
1,4-Dichlorobenzene	ug/kg	*110*	110	*136*	*U*	*N*
1-Methylnaphthalene	ug/kg			136	U	N
2,2'-Oxybis(1-chloropropane)	ug/kg			136	U	N
2,4,5-Trichlorophenol	ug/kg			681	U	N
2,4,6-Trichlorophenol	ug/kg			681	U	N
2,4-Dichlorophenol	ug/kg			681	U	N
2,4-Dimethylphenol	ug/kg	*29*	29	*681*	*U*	*N*
2,4-Dinitrophenol	ug/kg			1360	U	N
2,4-Dinitrotoluene	ug/kg			681	U	N
2,6-Dinitrotoluene	ug/kg			681	U	N
2-Chloronaphthalene	ug/kg			136	U	N
2-Chlorophenol	ug/kg			136	U	N
2-Methylnaphthalene	ug/kg	670	670	136	U	N
2-Methylphenol	ug/kg	*63*	63	*136*	*U*	*N*
2-Nitroaniline	ug/kg			681	U	N
2-Nitrophenol	ug/kg			136	U	N
3,3`-Dichlorobenzidine	ug/kg			666	J	Y
3-Nitroaniline	ug/kg			681	U	N
4,6-Dinitro-2-Methylphenol	ug/kg			1360	U	N
4-Bromophenyl phenyl ether	ug/kg			136	U	N
4-Chloro-3-Methylphenol	ug/kg			681	U	N
4-Chloroaniline	ug/kg			681	U	N
4-Chlorophenyl Phenylether	ug/kg			340	U	N
4-Methylphenol	ug/kg	670	670	172		Y
4-Nitroaniline	ug/kg			681	U	N
4-Nitrophenol	ug/kg			681	U	N
Acenaphthene	ug/kg	500	500	136	U	N
Acenaphthylene	ug/kg	1300	1300	136	U	N
Anthracene	ug/kg	960	960	114	J	Y
Aroclor 1016	ug/kg			161	U	N
Aroclor 1221	ug/kg			161	U	N
Aroclor 1232	ug/kg			161	U	N
Aroclor 1242	ug/kg			161	U	N
Aroclor 1248	ug/kg			636		Y
Aroclor 1254	ug/kg			497		Y
Aroclor 1260	ug/kg			262	J	Y
Arsenic	mg/kg	57	93	12.9	J	Y
Benzo(A)anthracene	ug/kg	1300	1600	301		Y
Benzo(A)pyrene	ug/kg	1600	1600	281		Y
Benzo(G,H,I)perylene	ug/kg	670	720	136	U	N
Benzofluoranthenes, Total	ug/kg	3200	3600	272	U	N
Benzoic acid	ug/kg	*650*	650	*1360*	*U*	*N*
Benzyl alcohol	ug/kg	*57*	73	*136*	*U*	*N*
bis(2-Chloroethoxy) methane	ug/kg			136	U	N
Bis-(2-chloroethyl) ether	ug/kg			340	U	N
Bis(2-ethylhexyl)phthalate	ug/kg	*1300*	1900	*7100*		*Y*
Butylbenzylphthalate	ug/kg	*63*	900	*548*		*Y*
Carbazole	ug/kg			80.1	J	Y
Chrysene	ug/kg	1400	2800	503		Y
Coarse Sand	%			2.2		Y
Copper	mg/kg	*390*	390	*693*		*Y*
cPAH	ug/kg		100	363.73		Y
Dibenzo(A,H)anthracene	ug/kg	230	230	136	U	N
Dibenzofuran	ug/kg	540	540	136	U	N
Diesel Range (Silica and Acid Cleaned)	mg/kg	2000	2000	1340		Y
Diethylphthalate	ug/kg	*200*	1200	*340*	*U*	*N*
Dimethylphthalate	ug/kg	*71*	160	*657*		*Y*
Di-N-Butylphthalate	ug/kg	1400	1400	229		Y
Di-N-Octylphthalate	ug/kg	6200	6200	136	U	N
Fine Gravel	%			0.1	U	N
Fine Sand	%			5.2		Y
Fluoranthene	ug/kg	1700	2500	931		Y
Fluorene	ug/kg	540	540	136	U	N
Hexachlorobenzene	ug/kg	*22*	70	*136*	*U*	*N*
Hexachlorobutadiene	ug/kg	*11*	120	*136*	*U*	*N*
Hexachlorocyclopentadiene	ug/kg			681	U	N
Hexachloroethane	ug/kg			136	U	N
HPAH	ug/kg	12000	17000	3056		Y
Indeno(1,2,3-Cd)pyrene	ug/kg	600	690	136	U	N
Isophorone	ug/kg			136	U	N
Lead	mg/kg	*450*	530	*579*		*Y*
LPAH	ug/kg	5200	5200	636	J	Y
Medium Sand	%			15		Y
Mercury	mg/kg	*0.41*	0.59	*1.34*		*Y*
Motor Oil (Silica and Acid Cleaned)	mg/kg	*2000*	2000	*7740*		*Y*
Naphthalene	ug/kg	2100	2100	136	U	N
Nitrobenzene	ug/kg			136	U	N
N-Nitroso-Di-N-Propylamine	ug/kg			136	U	N
N-Nitrosodiphenylamine	ug/kg	*28*	40	*136*	*U*	*N*
Pentachlorophenol	ug/kg	*360*	690	*681*	*U*	*N*
Phenanthrene	ug/kg	1500	1500	522		Y
Phenol	ug/kg	420	1200	195		Y
Polychlorinated Biphenyls	ug/kg	*130*	1000	*1395*	*J*	*Y*
Pyrene	ug/kg	2600	3300	1040		Y
Solids, Total	%			33.97		Y
Total Fines	%			49.2		Y
Total Organic Carbon	%			13.9		Y
Very Coarse Sand	%			1.5		Y
Very Fine Sand	%			26.2		Y
Zinc	mg/kg	*410*	960	*3090*		*Y*

				Location	RCB312			RCB324		
				Sample Date	17 Jun 2025			17 Jun 2025		
				Sample Name	JRZ-061725-3			JRZ-061725-2		
				Drainage Type	SD			SD		
				Sample Method	Grab-Manual			Grab-Manual		
				Location Type	RCB			RCB		
				Project	Lower Duwamish Waterway			Lower Duwamish Waterway		
				Outfall	S Nevada St SD			S Nevada St SD		
Analyte	Unit	SQS/LAET	CSL/2LAET	Result	Qualifier	Detected	Result	Qualifier	Detected
1,2,4-Trichlorobenzene	ug/kg	*31*	51	*303*	*U*	*N*	*305*	*U*	*N*
1,2-Dichlorobenzene	ug/kg	*35*	50	*303*	*U*	*N*	*305*	*U*	*N*
1,3-Dichlorobenzene	ug/kg			303	UJ	N	305	UJ	N
1,4-Dichlorobenzene	ug/kg	*110*	110	*303*	*U*	*N*	*305*	*U*	*N*
1-Methylnaphthalene	ug/kg			153	J	Y	305	U	N
2,2'-Oxybis(1-chloropropane)	ug/kg			303	U	N	305	U	N
2,4,5-Trichlorophenol	ug/kg			1520	U	N	1530	U	N
2,4,6-Trichlorophenol	ug/kg			1520	U	N	1530	U	N
2,4-Dichlorophenol	ug/kg			1520	U	N	1530	U	N
2,4-Dimethylphenol	ug/kg	*29*	29	*1520*	*U*	*N*	*1530*	*U*	*N*
2,4-Dinitrophenol	ug/kg			3030	U	N	3050	U	N
2,4-Dinitrotoluene	ug/kg			1520	U	N	1530	U	N
2,6-Dinitrotoluene	ug/kg			1520	U	N	1530	U	N
2-Chloronaphthalene	ug/kg			303	U	N	305	U	N
2-Chlorophenol	ug/kg			303	U	N	305	U	N
2-Methylnaphthalene	ug/kg	670	670	218	J	Y	305	U	N
2-Methylphenol	ug/kg	*63*	63	*303*	*U*	*N*	*305*	*U*	*N*
2-Nitroaniline	ug/kg			1520	U	N	1530	U	N
2-Nitrophenol	ug/kg			303	U	N	305	U	N
3,3`-Dichlorobenzidine	ug/kg			1520	U	N	1530	U	N
3-Nitroaniline	ug/kg			1520	U	N	1530	U	N
4,6-Dinitro-2-Methylphenol	ug/kg			3030	U	N	3050	U	N
4-Bromophenyl phenyl ether	ug/kg			303	U	N	305	U	N
4-Chloro-3-Methylphenol	ug/kg			1520	U	N	1530	U	N
4-Chloroaniline	ug/kg			1520	U	N	1530	U	N
4-Chlorophenyl Phenylether	ug/kg			758	U	N	764	U	N
4-Methylphenol	ug/kg	670	670	303	U	N	308		Y
4-Nitroaniline	ug/kg			1520	U	N	1530	U	N
4-Nitrophenol	ug/kg			1520	U	N	1530	U	N
Acenaphthene	ug/kg	500	500	303	U	N	305	U	N
Acenaphthylene	ug/kg	1300	1300	303	U	N	305	U	N
Anthracene	ug/kg	960	960	303	U	N	305	U	N
Aroclor 1016	ug/kg			3.9	U	N	3.7	U	N
Aroclor 1221	ug/kg			3.9	U	N	3.7	U	N
Aroclor 1232	ug/kg			3.9	U	N	3.7	U	N
Aroclor 1242	ug/kg			3.9	U	N	3.7	U	N
Aroclor 1248	ug/kg			9.7	J	Y	12.9		Y
Aroclor 1254	ug/kg			11.8		Y	25	J	Y
Aroclor 1260	ug/kg			16.2		Y	22.8		Y
Arsenic	mg/kg	57	93	17.2	U	N	9.24	J	Y
Benzo(A)anthracene	ug/kg	1300	1600	303	U	N	305	U	N
Benzo(A)pyrene	ug/kg	1600	1600	303	U	N	305	U	N
Benzo(G,H,I)perylene	ug/kg	670	720	303	U	N	305	U	N
Benzofluoranthenes, Total	ug/kg	3200	3600	606	U	N	611	U	N
Benzoic acid	ug/kg	*650*	650	*3030*	*U*	*N*	*3050*	*U*	*N*
Benzyl alcohol	ug/kg	*57*	73	*303*	*U*	*N*	*305*	*U*	*N*
bis(2-Chloroethoxy) methane	ug/kg			303	U	N	305	U	N
Bis-(2-chloroethyl) ether	ug/kg			758	UJ	N	764	UJ	N
Bis(2-ethylhexyl)phthalate	ug/kg	1300	1900	758	U	N	1010		Y
Butylbenzylphthalate	ug/kg	*63*	900	*303*	*U*	*N*	*305*	*U*	*N*
Carbazole	ug/kg			303	U	N	305	U	N
Chrysene	ug/kg	1400	2800	303	U	N	305	U	N
Coarse Sand	%						7.7		Y
Copper	mg/kg	390	390	59.9		Y	73.8		Y
cPAH	ug/kg		100	606	U	N	611	U	N
Dibenzo(A,H)anthracene	ug/kg	*230*	230	*303*	*U*	*N*	*305*	*U*	*N*
Dibenzofuran	ug/kg	540	540	303	U	N	305	U	N
Diesel Range (Silica and Acid Cleaned)	mg/kg	2000	2000	65	J	Y	319	J	Y
Diethylphthalate	ug/kg	*200*	1200	*758*	*U*	*N*	*764*	*U*	*N*
Dimethylphthalate	ug/kg	*71*	160	*303*	*U*	*N*	*305*	*U*	*N*
Di-N-Butylphthalate	ug/kg	1400	1400	303	U	N	305	U	N
Di-N-Octylphthalate	ug/kg	6200	6200	303	U	N	305	U	N
Fine Gravel	%						0.2		Y
Fine Sand	%						7.1		Y
Fluoranthene	ug/kg	1700	2500	303	U	N	305	U	N
Fluorene	ug/kg	540	540	303	U	N	305	U	N
Hexachlorobenzene	ug/kg	*22*	70	*303*	*U*	*N*	*305*	*U*	*N*
Hexachlorobutadiene	ug/kg	*11*	120	*303*	*U*	*N*	*305*	*U*	*N*
Hexachlorocyclopentadiene	ug/kg			1520	U	N	1530	U	N
Hexachloroethane	ug/kg			303	UJ	N	305	UJ	N
HPAH	ug/kg	12000	17000	606	U	N	611	U	N
Indeno(1,2,3-Cd)pyrene	ug/kg	600	690	303	U	N	305	U	N
Isophorone	ug/kg			303	U	N	305	U	N
Lead	mg/kg	450	530	14.1		Y	53.5		Y
LPAH	ug/kg	5200	5200	303	U	N	305	U	N
Medium Sand	%						11.6		Y
Mercury	mg/kg	0.41	0.59	0.0241	J	Y	0.0688		Y
Motor Oil (Silica and Acid Cleaned)	mg/kg	2000	2000	430		Y	1990		Y
Naphthalene	ug/kg	2100	2100	303	U	N	305	U	N
Nitrobenzene	ug/kg			303	U	N	305	U	N
N-Nitroso-Di-N-Propylamine	ug/kg			303	U	N	305	U	N
N-Nitrosodiphenylamine	ug/kg	*28*	40	*303*	*U*	*N*	*305*	*U*	*N*
Pentachlorophenol	ug/kg	*360*	690	*1520*	*U*	*N*	*1530*	*U*	*N*
Phenanthrene	ug/kg	1500	1500	303	U	N	305	U	N
Phenol	ug/kg	420	1200	303	U	N	305	U	N
Polychlorinated Biphenyls	ug/kg	130	1000	37.7	J	Y	60.7	J	Y
Pyrene	ug/kg	2600	3300	303	U	N	305	U	N
Solids, Total	%			55.29		Y	46.27		Y
Total Fines	%						58.8		Y
Total Organic Carbon	%			1.99		Y	3.99		Y
Very Coarse Sand	%						3.1		Y
Very Fine Sand	%						8.9		Y
Zinc	mg/kg	*410*	960	339		Y	*536*		*Y*

				Location	MH74			NST1			NST3			NST5		
				Sample Date	31 Oct 2025			26 Aug 2025			01 Jul 2025			26 Aug 2025		
				Sample Name	JRZ-103125-1			NST1-082625			NST3-070125			NST5-082625		
				Drainage Type	SD			SD			SD			SD		
				Sample Method	Grab-Manual			SedTrap			SedTrap			SedTrap		
				Location Type	Inline			nline w/Active SPU Sed Trap			nline w/Active SPU Sed Trap			nline w/Active SPU Sed Trap		
				Project	Lower Duwamish Waterway			Lower Duwamish Waterway			Lower Duwamish Waterway			Lower Duwamish Waterway		
				Outfall	S Norfolk St CSO/PS17 EOF/SD			Norfolk St CSO/PS17 EOF/S			Norfolk St CSO/PS17 EOF/S			Norfolk St CSO/PS17 EOF/S		
Analyte	Unit	SQS/LAET	CSL/2LAET	Result	Qualifier	Detected	Result	Qualifier	Detected	Result	Qualifier	Detected	Result	Qualifier	Detected
1,2,4-Trichlorobenzene	ug/kg	*31*	51	*466*	*U*	*N*	*315*	*U*	*N*	*172*	*U*	*N*			
1,2-Dichlorobenzene	ug/kg	*35*	50	*466*	*U*	*N*	*315*	*U*	*N*	*172*	*UJ*	*N*			
1,3-Dichlorobenzene	ug/kg			466	U	N	315	U	N	172	UJ	N			
1,4-Dichlorobenzene	ug/kg	*110*	110	*466*	*U*	*N*	*315*	*U*	*N*	*172*	*UJ*	*N*			
1-Methylnaphthalene	ug/kg			466	U	N	315	U	N	172	U	N			
2,2'-Oxybis(1-chloropropane)	ug/kg			466	U	N	315	U	N	172	U	N			
2,4,5-Trichlorophenol	ug/kg			2330	U	N	1580	U	N	858	U	N			
2,4,6-Trichlorophenol	ug/kg			2330	U	N	1580	U	N	858	U	N			
2,4-Dichlorophenol	ug/kg			2330	U	N	1580	U	N	858	U	N			
2,4-Dimethylphenol	ug/kg	*29*	29	*2330*	*U*	*N*	*1580*	*U*	*N*	*858*	*U*	*N*			
2,4-Dinitrophenol	ug/kg			4660	U	N	3150	U	N	1720	U	N			
2,4-Dinitrotoluene	ug/kg			2330	U	N	1580	U	N	858	U	N			
2,6-Dinitrotoluene	ug/kg			2330	U	N	1580	U	N	858	U	N			
2-Chloronaphthalene	ug/kg			466	U	N	315	U	N	172	U	N			
2-Chlorophenol	ug/kg			466	U	N	315	U	N	172	UJ	N			
2-Methylnaphthalene	ug/kg	670	670	466	U	N	315	U	N	172	U	N			
2-Methylphenol	ug/kg	*63*	63	*466*	*U*	*N*	*315*	*U*	*N*	*172*	*U*	*N*			
2-Nitroaniline	ug/kg			2330	U	N	1580	U	N	858	U	N			
2-Nitrophenol	ug/kg			466	U	N	315	U	N	172	U	N			
3,3`-Dichlorobenzidine	ug/kg			2330	U	N	1580	U	N	4290	U	N			
3-Nitroaniline	ug/kg			2330	U	N	1580	U	N	858	U	N			
4,6-Dinitro-2-Methylphenol	ug/kg			4660	U	N	3150	U	N	1720	U	N			
4-Bromophenyl phenyl ether	ug/kg			466	U	N	315	U	N	172	U	N			
4-Chloro-3-Methylphenol	ug/kg			2330	U	N	1580	U	N	858	U	N			
4-Chloroaniline	ug/kg			2330	U	N	1580	U	N	858	U	N			
4-Chlorophenyl Phenylether	ug/kg			1170	U	N	788	U	N	429	U	N			
4-Methylphenol	ug/kg	670	670	466	U	N	315	U	N	387		Y			
4-Nitroaniline	ug/kg			2330	U	N	1580	U	N	858	U	N			
4-Nitrophenol	ug/kg			2330	U	N	1580	U	N	858	U	N			
Acenaphthene	ug/kg	500	500	466	U	N	315	U	N	172	U	N			
Acenaphthylene	ug/kg	1300	1300	466	U	N	315	U	N	172	U	N			
Anthracene	ug/kg	960	960	466	U	N	315	U	N	172	U	N			
Aroclor 1016	ug/kg			47.3	U	N	6.1	U	N	3.5	UJ	N	4.9	U	N
Aroclor 1221	ug/kg			47.3	U	N	6.1	U	N	3.5	UJ	N	4.9	U	N
Aroclor 1232	ug/kg			47.3	U	N	6.1	U	N	3.5	UJ	N	4.9	U	N
Aroclor 1242	ug/kg			47.3	U	N	6.1	U	N	3.5	UJ	N	4.9	U	N
Aroclor 1248	ug/kg			47.3	U	N	6.1	U	N	3.5	U	N	4.9	U	N
Aroclor 1254	ug/kg			130		Y	47.2		Y	3.5	U	N	47.1		Y
Aroclor 1260	ug/kg			51.4		Y	11		Y	3.5	U	N	21.2		Y
Arsenic	mg/kg	57	93	35.7		Y	11.6	J	Y	9.33	U	N	14.5		Y
Benzo(A)anthracene	ug/kg	1300	1600	466	U	N	315	U	N	858	U	N			
Benzo(A)pyrene	ug/kg	1600	1600	251	J	Y	315	U	N	858	U	N			
Benzo(G,H,I)perylene	ug/kg	*670*	720	466	U	N	315	U	N	*858*	*U*	*N*			
Benzofluoranthenes, Total	ug/kg	3200	3600	754	J	Y	630	U	N	1720	U	N			
Benzoic acid	ug/kg	*650*	650	*4660*	*U*	*N*	*3150*	*U*	*N*	*1720*	*U*	*N*			
Benzyl alcohol	ug/kg	*57*	73	*466*	*U*	*N*	*315*	*U*	*N*	*172*	*U*	*N*			
bis(2-Chloroethoxy) methane	ug/kg			466	U	N	315	U	N	172	U	N			
Bis-(2-chloroethyl) ether	ug/kg			1170	U	N	788	U	N	429	UJ	N			
Bis(2-ethylhexyl)phthalate	ug/kg	*1300*	1900	1170	U	N	*3880*		*Y*	*2140*	*U*	*N*			
Butylbenzylphthalate	ug/kg	*63*	900	*466*	*U*	*N*	*315*	*U*	*N*	*858*	*U*	*N*			
Carbazole	ug/kg			466	U	N	315	U	N	172	U	N			
Chrysene	ug/kg	1400	2800	358	J	Y	217	J	Y	858	U	N			
Coarse Sand	%			1		Y				18.8		Y			
Copper	mg/kg	390	390	127	J	Y	165		Y	53.6		Y	78.4		Y
cPAH	ug/kg		100	469.78	J	Y	285.67	J	Y	858	U	N			
Dibenzo(A,H)anthracene	ug/kg	*230*	230	*466*	*U*	*N*	*315*	*U*	*N*	*858*	*U*	*N*			
Dibenzofuran	ug/kg	540	540	466	U	N	315	U	N	172	U	N			
Diesel Range (Silica and Acid Cleaned)	mg/kg	2000	2000	472		Y	1560		Y	158	J	Y			
Diethylphthalate	ug/kg	*200*	1200	*1170*	*U*	*N*	*788*	*U*	*N*	*429*	*U*	*N*			
Dimethylphthalate	ug/kg	*71*	160	*466*	*U*	*N*	*315*	*U*	*N*	*172*	*U*	*N*			
Di-N-Butylphthalate	ug/kg	1400	1400	466	U	N	315	U	N	172	U	N			
Di-N-Octylphthalate	ug/kg	6200	6200	466	U	N	1820		Y	858	U	N			
Fine Gravel	%			0.1	U	N				1.1		Y			
Fine Sand	%			4.1		Y				6.5		Y			
Fluoranthene	ug/kg	1700	2500	477		Y	334		Y	858	U	N			
Fluorene	ug/kg	540	540	466	U	N	315	U	N	172	U	N			
Hexachlorobenzene	ug/kg	*22*	70	*466*	*U*	*N*	*315*	*U*	*N*	*172*	*U*	*N*			
Hexachlorobutadiene	ug/kg	*11*	120	*466*	*U*	*N*	*315*	*U*	*N*	*172*	*U*	*N*			
Hexachlorocyclopentadiene	ug/kg			2330	U	N	1580	U	N	858	U	N			
Hexachloroethane	ug/kg			466	U	N	315	U	N	172	UJ	N			
HPAH	ug/kg	12000	17000	2357	J	Y	816	J	Y	858	U	N			
Indeno(1,2,3-Cd)pyrene	ug/kg	*600*	690	466	U	N	315	U	N	*858*	*U*	*N*			
Isophorone	ug/kg			466	U	N	315	U	N	172	U	N			
Lead	mg/kg	450	530	189	J	Y	54.4		Y	18.9		Y	69.6		Y
LPAH	ug/kg	5200	5200	466	U	N	192	J	Y	172	U	N			
Medium Sand	%			8.2		Y				17.7		Y			
Mercury	mg/kg	0.41	0.59	0.143		Y	0.105		Y	0.037	J	Y	0.0816		Y
Motor Oil (Silica and Acid Cleaned)	mg/kg	2000	2000	1670		Y	309	U	N	1060	J	Y			
Naphthalene	ug/kg	2100	2100	466	U	N	315	U	N	172	U	N			
Nitrobenzene	ug/kg			466	U	N	315	U	N	172	U	N			
N-Nitroso-Di-N-Propylamine	ug/kg			466	U	N	315	U	N	172	U	N			
N-Nitrosodiphenylamine	ug/kg	*28*	40	*466*	*U*	*N*	*315*	*U*	*N*	*172*	*U*	*N*			
Pentachlorophenol	ug/kg	*360*	690	*2330*	*U*	*N*	*1580*	*U*	*N*	*858*	*U*	*N*			
Phenanthrene	ug/kg	1500	1500	466	U	N	192	J	Y	172	U	N			
Phenol	ug/kg	*420*	1200	*466*	*U*	*N*	315	U	N	172	U	N			
Polychlorinated Biphenyls	ug/kg	*130*	1000	*181.4*		*Y*	58.2		Y	3.5	U	N	68.3		Y
Pyrene	ug/kg	2600	3300	517		Y	265	J	Y	858	U	N			
Solids, Total	%			34.95		Y	30.98		Y	50.48		Y	38.48		Y
Total Fines	%			72.7		Y				5.3		Y			
Total Organic Carbon	%			4.29		Y	13.2		Y	6.9		Y			
Very Coarse Sand	%			0.7		Y				16.7		Y			
Very Fine Sand	%			13		Y				9.1		Y			
Zinc	mg/kg	*410*	960	*967*		*Y*	*825*		*Y*	258		Y	*662*		*Y*

				Location	MH211		
				Sample Date	18 Mar 2025		
				Sample Name	JRZ-031825-2		
				Drainage Type	SD		
				Sample Method	Grab-Manual		
				Location Type	Inline		
				Project	Lower Duwamish Waterway		
				Outfall	S River St SD		
Analyte	Unit	SQS/LAET	CSL/2LAET	Result	Qualifier	Detected
1,2,4-Trichlorobenzene	ug/kg	31	51	20	UJ	N
1,2-Dichlorobenzene	ug/kg	35	50	20	UJ	N
1,3-Dichlorobenzene	ug/kg			20	UJ	N
1,4-Dichlorobenzene	ug/kg	110	110	20	UJ	N
1-Methylnaphthalene	ug/kg			20	UJ	N
2,2'-Oxybis(1-chloropropane)	ug/kg			20	UJ	N
2,4,5-Trichlorophenol	ug/kg			100	UJ	N
2,4,6-Trichlorophenol	ug/kg			100	UJ	N
2,4-Dichlorophenol	ug/kg			100	UJ	N
2,4-Dimethylphenol	ug/kg	*29*	29	*100*	*UJ*	*N*
2,4-Dinitrophenol	ug/kg			200	UJ	N
2,4-Dinitrotoluene	ug/kg			100	UJ	N
2,6-Dinitrotoluene	ug/kg			100	UJ	N
2-Chloronaphthalene	ug/kg			20	UJ	N
2-Chlorophenol	ug/kg			20	UJ	N
2-Methylnaphthalene	ug/kg	670	670	16	J	Y
2-Methylphenol	ug/kg	63	63	20	UJ	N
2-Nitroaniline	ug/kg			100	UJ	N
2-Nitrophenol	ug/kg			20	UJ	N
3,3`-Dichlorobenzidine	ug/kg			100	UJ	N
3-Nitroaniline	ug/kg			100	UJ	N
4,6-Dinitro-2-Methylphenol	ug/kg			200	UJ	N
4-Bromophenyl phenyl ether	ug/kg			20	UJ	N
4-Chloro-3-Methylphenol	ug/kg			100	UJ	N
4-Chloroaniline	ug/kg			100	UJ	N
4-Chlorophenyl Phenylether	ug/kg			50	UJ	N
4-Methylphenol	ug/kg	670	670	20	UJ	N
4-Nitroaniline	ug/kg			100	UJ	N
4-Nitrophenol	ug/kg			100	UJ	N
Acenaphthene	ug/kg	500	500	20	UJ	N
Acenaphthylene	ug/kg	1300	1300	20	UJ	N
Anthracene	ug/kg	960	960	20.9	J	Y
Aroclor 1016	ug/kg			19.9	U	N
Aroclor 1221	ug/kg			19.9	U	N
Aroclor 1232	ug/kg			19.9	U	N
Aroclor 1242	ug/kg			19.9	U	N
Aroclor 1248	ug/kg			20.5		Y
Aroclor 1254	ug/kg			29.4		Y
Aroclor 1260	ug/kg			34.1		Y
Arsenic	mg/kg	57	93	15.8	J	Y
Benzo(A)anthracene	ug/kg	1300	1600	99.1	J	Y
Benzo(A)pyrene	ug/kg	1600	1600	174	J	Y
Benzo(G,H,I)perylene	ug/kg	670	720	156	J	Y
Benzofluoranthenes, Total	ug/kg	3200	3600	299	J	Y
Benzoic acid	ug/kg	650	650	130	J	Y
Benzyl alcohol	ug/kg	57	73	20	UJ	N
bis(2-Chloroethoxy) methane	ug/kg			20	UJ	N
Bis-(2-chloroethyl) ether	ug/kg			50	UJ	N
Bis(2-ethylhexyl)phthalate	ug/kg	1300	1900	1160	J	Y
Butylbenzylphthalate	ug/kg	63	900	20	UJ	N
Carbazole	ug/kg			14.7	J	Y
Chrysene	ug/kg	1400	2800	181	J	Y
Coarse Sand	%			3.2		Y
Copper	mg/kg	390	390	102		Y
cPAH	ug/kg		100	224.68	J	Y
Dibenzo(A,H)anthracene	ug/kg	230	230	20	UJ	N
Dibenzofuran	ug/kg	540	540	20	UJ	N
Diesel Range (Silica and Acid Cleaned)	mg/kg	2000	2000	442		Y
Diethylphthalate	ug/kg	200	1200	50	UJ	N
Dimethylphthalate	ug/kg	*71*	160	*140*	*J*	*Y*
Di-N-Butylphthalate	ug/kg	1400	1400	20	UJ	N
Di-N-Octylphthalate	ug/kg	6200	6200	20	UJ	N
Fine Gravel	%			0.2		Y
Fine Sand	%			11.7		Y
Fluoranthene	ug/kg	1700	2500	358	J	Y
Fluorene	ug/kg	540	540	20	UJ	N
Hexachlorobenzene	ug/kg	22	70	20	UJ	N
Hexachlorobutadiene	ug/kg	*11*	120	*20*	*UJ*	*N*
Hexachlorocyclopentadiene	ug/kg			100	UJ	N
Hexachloroethane	ug/kg			20	UJ	N
HPAH	ug/kg	12000	17000	1667.7	J	Y
Indeno(1,2,3-Cd)pyrene	ug/kg	600	690	50.6	J	Y
Isophorone	ug/kg			20	UJ	N
Lead	mg/kg	450	530	60.2		Y
LPAH	ug/kg	5200	5200	171.9	J	Y
Medium Sand	%			11.8		Y
Mercury	mg/kg	0.41	0.59	0.13		Y
Motor Oil (Silica and Acid Cleaned)	mg/kg	*2000*	2000	*2670*		*Y*
Naphthalene	ug/kg	2100	2100	29	J	Y
Nitrobenzene	ug/kg			20	UJ	N
N-Nitroso-Di-N-Propylamine	ug/kg			20	UJ	N
N-Nitrosodiphenylamine	ug/kg	28	40	20	UJ	N
Pentachlorophenol	ug/kg	360	690	100	UJ	N
Phenanthrene	ug/kg	1500	1500	122	J	Y
Phenol	ug/kg	420	1200	32.1	J	Y
Polychlorinated Biphenyls	ug/kg	130	1000	84		Y
Pyrene	ug/kg	2600	3300	350	J	Y
Solids, Total	%			48.91		Y
Total Fines	%			60.8		Y
Total Organic Carbon	%			6.74		Y
Very Coarse Sand	%			1.4		Y
Very Fine Sand	%			6		Y
Zinc	mg/kg	*410*	960	*494*		*Y*

				Location	RCB200A			RCB200A		
				Sample Date	03 Jul 2025			14 May 2025		
				Sample Name	CCO-070325-1			JRZ-051425-1		
				Drainage Type	SD			SD		
				Sample Method	Grab-Manual			Grab-Manual		
				Location Type	Inline			Inline		
				Project	Lower Duwamish Waterway			Lower Duwamish Waterway		
				Outfall	SW Dakota St SD/Ditch			SW Dakota St SD/Ditch		
Analyte	Unit	SQS/LAET	CSL/2LAET	Result	Qualifier	Detected	Result	Qualifier	Detected
1,2,4-Trichlorobenzene	ug/kg	*31*	51	*392*	*U*	*N*	*196*	*U*	*N*
1,2-Dichlorobenzene	ug/kg	*35*	50	*392*	*UJ*	*N*	*196*	*UJ*	*N*
1,3-Dichlorobenzene	ug/kg			392	UJ	N	196	UJ	N
1,4-Dichlorobenzene	ug/kg	*110*	110	*392*	*UJ*	*N*	*196*	*UJ*	*N*
1-Methylnaphthalene	ug/kg			392	U	N	196	UJ	N
2,2'-Oxybis(1-chloropropane)	ug/kg			392	U	N	196	U	N
2,4,5-Trichlorophenol	ug/kg			1960	U	N	981	UJ	N
2,4,6-Trichlorophenol	ug/kg			1960	U	N	981	U	N
2,4-Dichlorophenol	ug/kg			1960	U	N	981	U	N
2,4-Dimethylphenol	ug/kg	*29*	29	*1960*	*U*	*N*	*981*	*U*	*N*
2,4-Dinitrophenol	ug/kg			3920	U	N	1960	U	N
2,4-Dinitrotoluene	ug/kg			1960	U	N	981	UJ	N
2,6-Dinitrotoluene	ug/kg			1960	U	N	981	U	N
2-Chloronaphthalene	ug/kg			392	U	N	196	UJ	N
2-Chlorophenol	ug/kg			392	UJ	N	196	UJ	N
2-Methylnaphthalene	ug/kg	670	670	392	U	N	196	UJ	N
2-Methylphenol	ug/kg	*63*	63	*392*	*U*	*N*	*196*	*U*	*N*
2-Nitroaniline	ug/kg			1960	U	N	981	UJ	N
2-Nitrophenol	ug/kg			392	U	N	196	U	N
3,3`-Dichlorobenzidine	ug/kg			9800	U	N	981	U	N
3-Nitroaniline	ug/kg			1960	U	N	981	U	N
4,6-Dinitro-2-Methylphenol	ug/kg			3920	U	N	1960	U	N
4-Bromophenyl phenyl ether	ug/kg			392	U	N	196	UJ	N
4-Chloro-3-Methylphenol	ug/kg			1960	U	N	981	U	N
4-Chloroaniline	ug/kg			1960	U	N	981	U	N
4-Chlorophenyl Phenylether	ug/kg			980	U	N	491	U	N
4-Methylphenol	ug/kg	670	670	392	U	N	196	U	N
4-Nitroaniline	ug/kg			1960	U	N	981	U	N
4-Nitrophenol	ug/kg			1960	U	N	981	U	N
Acenaphthene	ug/kg	500	500	392	U	N	196	UJ	N
Acenaphthylene	ug/kg	1300	1300	392	U	N	196	UJ	N
Anthracene	ug/kg	960	960	392	U	N	196	UJ	N
Aroclor 1016	ug/kg			6.6	UJ	N	30.6	UJ	N
Aroclor 1221	ug/kg			6.6	UJ	N	30.6	UJ	N
Aroclor 1232	ug/kg			6.6	UJ	N	30.6	UJ	N
Aroclor 1242	ug/kg			6.6	UJ	N	30.6	UJ	N
Aroclor 1248	ug/kg			55.4	J	Y	30.6	UJ	N
Aroclor 1254	ug/kg			106	J	Y	181	J	Y
Aroclor 1260	ug/kg			57	J	Y	81.2	J	Y
Arsenic	mg/kg	57	93	10.7	J	Y	10		Y
Benzo(A)anthracene	ug/kg	*1300*	1600	*1960*	*U*	*N*	113	J	Y
Benzo(A)pyrene	ug/kg	*1600*	1600	*1960*	*U*	*N*	110	J	Y
Benzo(G,H,I)perylene	ug/kg	*670*	720	*1960*	*U*	*N*	196	U	N
Benzofluoranthenes, Total	ug/kg	*3200*	3600	*3920*	*U*	*N*	392	U	N
Benzoic acid	ug/kg	*650*	650	*3920*	*U*	*N*	*1960*	*U*	*N*
Benzyl alcohol	ug/kg	*57*	73	*392*	*U*	*N*	*196*	*U*	*N*
bis(2-Chloroethoxy) methane	ug/kg			392	U	N	196	UJ	N
Bis-(2-chloroethyl) ether	ug/kg			980	UJ	N	491	UJ	N
Bis(2-ethylhexyl)phthalate	ug/kg	*1300*	1900	*6310*		*Y*	*4480*		*Y*
Butylbenzylphthalate	ug/kg	*63*	900	*1960*	*U*	*N*	*196*	*UJ*	*N*
Carbazole	ug/kg			392	U	N	196	U	N
Chrysene	ug/kg	*1400*	2800	*1960*	*U*	*N*	216	J	Y
Coarse Sand	%			1.9		Y	4.7		Y
Copper	mg/kg	390	390	238		Y	194	J	Y
cPAH	ug/kg		100	3920	U	N	192.06	J	Y
Dibenzo(A,H)anthracene	ug/kg	*230*	230	*1960*	*U*	*N*	196	U	N
Dibenzofuran	ug/kg	540	540	392	U	N	196	UJ	N
Diesel Range (Silica and Acid Cleaned)	mg/kg	2000	2000	552		Y	383		Y
Diethylphthalate	ug/kg	*200*	1200	*980*	*U*	*N*	*491*	*UJ*	*N*
Dimethylphthalate	ug/kg	*71*	160	*392*	*U*	*N*	*196*	*UJ*	*N*
Di-N-Butylphthalate	ug/kg	1400	1400	392	U	N	170	J	Y
Di-N-Octylphthalate	ug/kg	6200	6200	1960	U	N	196	U	N
Fine Gravel	%			0.2		Y	1.6		Y
Fine Sand	%			10.6		Y	12		Y
Fluoranthene	ug/kg	*1700*	2500	*1960*	*U*	*N*	278		Y
Fluorene	ug/kg	540	540	392	U	N	196	UJ	N
Hexachlorobenzene	ug/kg	*22*	70	*392*	*U*	*N*	*196*	*U*	*N*
Hexachlorobutadiene	ug/kg	*11*	120	*392*	*U*	*N*	*196*	*U*	*N*
Hexachlorocyclopentadiene	ug/kg			1960	U	N	981	U	N
Hexachloroethane	ug/kg			392	UJ	N	196	UJ	N
HPAH	ug/kg	12000	17000	3920	U	N	1003	J	Y
Indeno(1,2,3-Cd)pyrene	ug/kg	*600*	690	*1960*	*U*	*N*	196	U	N
Isophorone	ug/kg			392	U	N	196	U	N
Lead	mg/kg	450	530	122		Y	119	J	Y
LPAH	ug/kg	5200	5200	392	U	N	143	J	Y
Medium Sand	%			13.2		Y	10.2		Y
Mercury	mg/kg	0.41	0.59	0.256		Y	0.253		Y
Motor Oil (Silica and Acid Cleaned)	mg/kg	*2000*	2000	*3100*		*Y*			
Motor Oil Range	mg/kg	*2000*	2000				*3350*		*Y*
Naphthalene	ug/kg	2100	2100	392	U	N	196	UJ	N
Nitrobenzene	ug/kg			392	U	N	196	UJ	N
N-Nitroso-Di-N-Propylamine	ug/kg			392	U	N	196	U	N
N-Nitrosodiphenylamine	ug/kg	*28*	40	*392*	*U*	*N*	*196*	*U*	*N*
Pentachlorophenol	ug/kg	*360*	690	*1960*	*U*	*N*	*981*	*U*	*N*
Phenanthrene	ug/kg	1500	1500	392	U	N	143	J	Y
Phenol	ug/kg	420	1200	392	UJ	N	196	U	N
Polychlorinated Biphenyls	ug/kg	*130*	1000	*218.4*	*J*	*Y*	*262.2*	*J*	*Y*
Pyrene	ug/kg	2600	3300	1960	U	N	286	J	Y
Solids, Total	%			26.12		Y	29.42		Y
Total Fines	%			35.6		Y	51.7		Y
Total Organic Carbon	%			7.75		Y	10.6		Y
Very Coarse Sand	%			1.5		Y	3.9		Y
Very Fine Sand	%			34.4		Y	10		Y
Zinc	mg/kg	*410*	960	*1580*		*Y*	*1360*	*J*	*Y*

			Location	ID-ST1			ID-ST2			ID-ST3			MH237			MH95		
			Sample Date	05 Aug 2025			05 Aug 2025			01 Jul 2025			16 Dec 2025			16 Dec 2025		
			Sample Name	ID-ST1-080525			ID-ST2-080525			ID-ST3-070125			JRZ-121625-1			JRZ-121625-2		
			Drainage Type	SD			SD			SD			SD			SD		
			Sample Method	SedTrap			SedTrap			SedTrap			Grab-Manual			Grab-Manual		
			Location Type	Inline w/Active SPU Sed Trap			Inline w/Active SPU Sed Trap			Inline w/Active SPU Sed Trap			Inline			Inline		
			Project	Lower Duwamish Waterway			Lower Duwamish Waterway			Lower Duwamish Waterway			Lower Duwamish Waterway			Lower Duwamish Waterway		
			Outfall	SW Idaho St SD			SW Idaho St SD			SW Idaho St SD			SW Idaho St SD			SW Idaho St SD		
Analyte	Unit	SQS/LAET	CSL/2LAET	Result	Qualifier	Detected	Result	Qualifier	Detected	Result	Qualifier	Detected	Result	Qualifier	Detected	Result	Qualifier	Detected
1,2,4-Trichlorobenzene	ug/kg	*31*	51	*1020*	*U*	*N*	*245*	*U*	*N*	*460*	*U*	*N*	19	U	N			
1,2-Dichlorobenzene	ug/kg	*35*	50	*1020*	*U*	*N*	*245*	*U*	*N*	*460*	*UJ*	*N*	19	U	N			
1,3-Dichlorobenzene	ug/kg			1020	U	N	245	U	N	460	UJ	N	19	U	N			
1,4-Dichlorobenzene	ug/kg	*110*	110	*1020*	*U*	*N*	*245*	*U*	*N*	*460*	*UJ*	*N*	19	U	N			
1-Methylnaphthalene	ug/kg			1020	U	N	245	U	N	460	U	N	19	U	N			
2,2'-Oxybis(1-chloropropane)	ug/kg			1020	U	N	245	U	N	460	U	N	19	U	N			
2,4,5-Trichlorophenol	ug/kg			5110	U	N	1220	U	N	2300	U	N	95	U	N			
2,4,6-Trichlorophenol	ug/kg			5110	U	N	1220	U	N	2300	U	N	95	U	N			
2,4-Dichlorophenol	ug/kg			5110	U	N	1220	U	N	2300	U	N	95	U	N			
2,4-Dimethylphenol	ug/kg	*29*	29	*5110*	*U*	*N*	*1220*	*U*	*N*	*2300*	*U*	*N*	*95*	*U*	*N*			
2,4-Dinitrophenol	ug/kg			10200	U	N	2450	U	N	4600	U	N	190	U	N			
2,4-Dinitrotoluene	ug/kg			5110	U	N	1220	U	N	2300	U	N	95	U	N			
2,6-Dinitrotoluene	ug/kg			5110	U	N	1220	U	N	2300	U	N	95	U	N			
2-Chloronaphthalene	ug/kg			1020	U	N	245	U	N	460	U	N	19	U	N			
2-Chlorophenol	ug/kg			1020	U	N	245	U	N	460	UJ	N	19	U	N			
2-Methylnaphthalene	ug/kg	*670*	670	*1020*	*U*	*N*	245	U	N	460	U	N	19	U	N			
2-Methylphenol	ug/kg	*63*	63	*1020*	*U*	*N*	*245*	*U*	*N*	*460*	*U*	*N*	19	U	N			
2-Nitroaniline	ug/kg			5110	U	N	1220	U	N	2300	U	N	95	U	N			
2-Nitrophenol	ug/kg			1020	U	N	245	U	N	460	U	N	19	U	N			
3,3`-Dichlorobenzidine	ug/kg			5110	U	N	1220	U	N	11500	U	N	95	U	N			
3-Nitroaniline	ug/kg			5110	U	N	1220	U	N	2300	U	N	95	U	N			
4,6-Dinitro-2-Methylphenol	ug/kg			10200	U	N	2450	U	N	4600	U	N	190	U	N			
4-Bromophenyl phenyl ether	ug/kg			1020	U	N	245	U	N	460	U	N	19	U	N			
4-Chloro-3-Methylphenol	ug/kg			5110	U	N	1220	U	N	2300	U	N	95	U	N			
4-Chloroaniline	ug/kg			5110	U	N	1220	U	N	2300	U	N	95	U	N			
4-Chlorophenyl Phenylether	ug/kg			2560	U	N	612	U	N	1150	U	N	47.5	U	N			
4-Methylphenol	ug/kg	*670*	670	*1020*	*U*	*N*	376		Y	460	U	N	19	U	N			
4-Nitroaniline	ug/kg			5110	U	N	1220	U	N	2300	U	N	95	U	N			
4-Nitrophenol	ug/kg			5110	U	N	1220	U	N	2300	U	N	95	U	N			
Acenaphthene	ug/kg	*500*	500	*1020*	*U*	*N*	245	U	N	460	U	N	19	U	N			
Acenaphthylene	ug/kg	1300	1300	1020	U	N	245	U	N	460	U	N	19	U	N			
Anthracene	ug/kg	*960*	960	*1020*	*U*	*N*	154	J	Y	460	U	N	17.5	J	Y			
Aroclor 1016	ug/kg			7.2	U	N	4.5	U	N	7.4	UJ	N	19.5	U	N	18.8	UJ	N
Aroclor 1221	ug/kg			7.2	U	N	4.5	U	N	7.4	UJ	N	19.5	U	N	18.8	UJ	N
Aroclor 1232	ug/kg			7.2	U	N	4.5	U	N	7.4	UJ	N	19.5	U	N	18.8	UJ	N
Aroclor 1242	ug/kg			7.2	U	N	4.5	U	N	7.4	UJ	N	19.5	U	N	18.8	UJ	N
Aroclor 1248	ug/kg			30.4		Y	98.5		Y	7.4	U	N	19.5	U	N	18.8	UJ	N
Aroclor 1254	ug/kg			43.8		Y	53.2		Y	18.7		Y	19.5	U	N	18.8	UJ	N
Aroclor 1260	ug/kg			28.7	J	Y	7.8		Y	7.4	U	N	19.5	U	N	18.8	UJ	N
Arsenic	mg/kg	57	93	14	J	Y	13.3	U	N	13.8	J	Y	10		Y	14.3	U	N
Benzo(A)anthracene	ug/kg	*1300*	1600	1270		Y	370		Y	*2300*	*U*	*N*	23.8		Y			
Benzo(A)pyrene	ug/kg	*1600*	1600	*1250*		*Y*	351		Y	*2300*	*U*	*N*	95	U	N			
Benzo(G,H,I)perylene	ug/kg	*670*	720	*1910*	*J*	*Y*	365	J	Y	*2300*	*U*	*N*	95	U	N			
Benzofluoranthenes, Total	ug/kg	*3200*	3600	*4420*		*Y*	686		Y	*4600*	*U*	*N*	190	U	N			
Benzoic acid	ug/kg	*650*	650	*10200*	*U*	*N*	*2450*	*U*	*N*	*4600*	*U*	*N*	190	U	N			
Benzyl alcohol	ug/kg	*57*	73	*1020*	*U*	*N*	*506*		*Y*	*460*	*U*	*N*	19	U	N			
bis(2-Chloroethoxy) methane	ug/kg			1020	U	N	245	U	N	460	U	N	19	U	N			
Bis-(2-chloroethyl) ether	ug/kg			2560	U	N	612	U	N	1150	UJ	N	47.5	U	N			
Bis(2-ethylhexyl)phthalate	ug/kg	*1300*	1900	*2290*	*J*	*Y*	612	U	N	*5750*	*U*	*N*	166		Y			
Butylbenzylphthalate	ug/kg	*63*	900	*1020*	*U*	*N*	*245*	*U*	*N*	*2300*	*U*	*N*	19	U	N			
Carbazole	ug/kg			1020	U	N	124	J	Y	460	U	N	19	U	N			
Chrysene	ug/kg	*1400*	2800	*2560*		*Y*	532		Y	*2300*	*U*	*N*	29.2		Y			
Coarse Sand	%						5.8		Y				8		Y			
Copper	mg/kg	390	390	280		Y	44.2		Y	62.4		Y	140		Y	57.4		Y
cPAH	ug/kg		100	2713.6	J	Y	542.32	J	Y	4600	U	N	83.422		Y			
Dibenzo(A,H)anthracene	ug/kg	*230*	230	*1020*	*U*	*N*	*245*	*U*	*N*	*2300*	*U*	*N*	95	U	N			
Dibenzofuran	ug/kg	*540*	540	*1020*	*U*	*N*	245	U	N	460	U	N	19	U	N			
Diesel Range (Silica and Acid Cleaned)	mg/kg	2000	2000	828		Y	180		Y	120	J	Y	23		Y			
Diethylphthalate	ug/kg	*200*	1200	*2560*	*U*	*N*	*612*	*U*	*N*	*1150*	*U*	*N*	47.5	U	N			
Dimethylphthalate	ug/kg	*71*	160	*1020*	*U*	*N*	*245*	*U*	*N*	*460*	*U*	*N*	19	U	N			
Di-N-Butylphthalate	ug/kg	1400	1400	1020	U	N	245	U	N	460	U	N	19	U	N			
Di-N-Octylphthalate	ug/kg	6200	6200	1020	U	N	245	U	N	2300	U	N	95	U	N			
Fine Gravel	%						0.4		Y				0.6		Y			
Fine Sand	%						16.9		Y				9.6		Y			
Fluoranthene	ug/kg	*1700*	2500	*3340*		*Y*	968		Y	*2300*	*U*	*N*	57.3		Y			
Fluorene	ug/kg	*540*	540	*1020*	*U*	*N*	245	U	N	460	U	N	19	U	N			
Hexachlorobenzene	ug/kg	*22*	70	*1020*	*U*	*N*	*245*	*U*	*N*	*460*	*U*	*N*	19	U	N			
Hexachlorobutadiene	ug/kg	*11*	120	*1020*	*U*	*N*	*245*	*U*	*N*	*460*	*U*	*N*	*19*	*U*	*N*			
Hexachlorocyclopentadiene	ug/kg			5110	U	N	1220	U	N	2300	U	N	95	U	N			
Hexachloroethane	ug/kg			1020	U	N	245	U	N	460	UJ	N	19	U	N			
HPAH	ug/kg	*12000*	17000	*19970*	*J*	*Y*	4465	J	Y	4600	U	N	174.8		Y			
Indeno(1,2,3-Cd)pyrene	ug/kg	*600*	690	*1650*	*J*	*Y*	314	J	Y	*2300*	*U*	*N*	95	U	N			
Isophorone	ug/kg			1020	U	N	245	U	N	460	U	N	19	U	N			
Lead	mg/kg	450	530	98.2		Y	18		Y	65.3		Y	42.8		Y	7.7		Y
LPAH	ug/kg	5200	5200	2200		Y	895	J	Y	460	U	N	44.3	J	Y			
Medium Sand	%						17		Y				13.5		Y			
Mercury	mg/kg	0.41	0.59	0.187		Y	0.046	J	Y	0.214		Y	0.157		Y			
Motor Oil (Silica and Acid Cleaned)	mg/kg	*2000*	2000	*4150*		*Y*	974		Y	902	J	Y	130		Y			
Naphthalene	ug/kg	2100	2100	1020	U	N	245	U	N	460	U	N	19	U	N			
Nitrobenzene	ug/kg			1020	U	N	245	U	N	460	U	N	19	U	N			
N-Nitroso-Di-N-Propylamine	ug/kg			1020	U	N	245	U	N	460	U	N	19	U	N			
N-Nitrosodiphenylamine	ug/kg	*28*	40	*1020*	*U*	*N*	*245*	*U*	*N*	*460*	*U*	*N*	19	U	N			
Pentachlorophenol	ug/kg	*360*	690	*5110*	*U*	*N*	*1220*	*U*	*N*	*2300*	*U*	*N*	95	U	N			
Phenanthrene	ug/kg	*1500*	1500	*2200*		*Y*	741		Y	460	U	N	26.8		Y			
Phenol	ug/kg	*420*	1200	*1020*	*U*	*N*	245	U	N	*460*	*UJ*	*N*	10.8	J	Y			
Polychlorinated Biphenyls	ug/kg	*130*	1000	102.9	J	Y	*159.5*		*Y*	18.7		Y	19.5	U	N	18.8		N
Pyrene	ug/kg	*2600*	3300	*3070*		*Y*	879		Y	2300	U	N	64.5		Y			
Solids, Total	%			27.55		Y	36.78		Y	26		Y	54.92		Y			
Total Fines	%						31.4		Y				30.2		Y			
Total Organic Carbon	%			23.6		Y	6.53		Y	16.7		Y	8.53		Y			
Very Coarse Sand	%						3.3		Y				6.1		Y			
Very Fine Sand	%						18.3		Y				21.1		Y			
Zinc	mg/kg	*410*	960	*1420*		*Y*	271		Y	*466*		*Y*	*608*		*Y*	*823*		*Y*

			Location	KN-ST1			RCB322			RCB411		
			Sample Date	07 Oct 2025			22 Dec 2025			22 Dec 2025		
			Sample Name	KN-ST1-100725			JRZ-122225-1			JRZ-122225-2		
			Drainage Type	SD			SD			SD		
			Sample Method	SedTrap			Grab-Manual			Grab-Manual		
			Location Type	Inline w/Active SPU Sed Trap			RCB			RCB		
			Project	Lower Duwamish Waterway			Lower Duwamish Waterway			Lower Duwamish Waterway		
			Outfall	SW Kenny St SD/T115 CSO			SW Kenny St SD/T115 CSO			SW Kenny St SD/T115 CSO		
Analyte	Unit	SQS/LAET	CSL/2LAET	Result	Qualifier	Detected	Result	Qualifier	Detected	Result	Qualifier	Detected
1,2,4-Trichlorobenzene	ug/kg	*31*	51	*132*	*U*	*N*	*94.1*	*U*	*N*	*108*	*U*	*N*
1,2-Dichlorobenzene	ug/kg	*35*	50	*132*	*U*	*N*	*94.1*	*U*	*N*	*108*	*U*	*N*
1,3-Dichlorobenzene	ug/kg			132	U	N	94.1	U	N	108	U	N
1,4-Dichlorobenzene	ug/kg	*110*	110	*132*	*U*	*N*	94.1	U	N	108	U	N
1-Methylnaphthalene	ug/kg			132	U	N	94.1	U	N	108	U	N
2,2'-Oxybis(1-chloropropane)	ug/kg			132	U	N	94.1	U	N	108	U	N
2,4,5-Trichlorophenol	ug/kg			662	U	N	471	U	N	542	U	N
2,4,6-Trichlorophenol	ug/kg			662	U	N	471	U	N	542	U	N
2,4-Dichlorophenol	ug/kg			662	U	N	471	U	N	542	U	N
2,4-Dimethylphenol	ug/kg	*29*	29	*662*	*U*	*N*	*471*	*U*	*N*	*542*	*U*	*N*
2,4-Dinitrophenol	ug/kg						941	U	N	1080	U	N
2,4-Dinitrotoluene	ug/kg			662	U	N	471	U	N	542	U	N
2,6-Dinitrotoluene	ug/kg			662	U	N	471	U	N	542	U	N
2-Chloronaphthalene	ug/kg			132	U	N	94.1	U	N	108	U	N
2-Chlorophenol	ug/kg			132	U	N	94.1	U	N	108	U	N
2-Methylnaphthalene	ug/kg	670	670	132	U	N	94.1	U	N	108	U	N
2-Methylphenol	ug/kg	*63*	63	*132*	*U*	*N*	*94.1*	*U*	*N*	*108*	*U*	*N*
2-Nitroaniline	ug/kg			662	U	N	471	U	N	542	U	N
2-Nitrophenol	ug/kg			132	U	N	94.1	U	N	108	U	N
3,3'-Dichlorobenzidine	ug/kg			1320	U	N	471	U	N	542	U	N
3-Nitroaniline	ug/kg			662	U	N	471	U	N	542	U	N
4,6-Dinitro-2-Methylphenol	ug/kg			1320	U	N	941	U	N	1080	U	N
4-Bromophenyl phenyl ether	ug/kg			132	U	N	94.1	U	N	108	U	N
4-Chloro-3-Methylphenol	ug/kg			662	U	N	471	U	N	542	U	N
4-Chloroaniline	ug/kg			662	U	N	471	U	N	542	U	N
4-Chlorophenyl Phenylether	ug/kg			331	U	N	235	U	N	271	U	N
4-Methylphenol	ug/kg	*670*	670	132	U	N	*1250*		*Y*	441		Y
4-Nitroaniline	ug/kg			662	U	N	471	U	N	542	U	N
4-Nitrophenol	ug/kg			662	U	N	471	U	N	542	U	N
Acenaphthene	ug/kg	500	500	132	U	N	94.1	U	N	108	U	N
Acenaphthylene	ug/kg	1300	1300	132	U	N	94.1	U	N	108	U	N
Anthracene	ug/kg	960	960	132	U	N	94.1	U	N	108	U	N
Aroclor 1016	ug/kg			28.5	U	N	19.3	U	N	20.9	U	N
Aroclor 1221	ug/kg			28.5	U	N	19.3	U	N	20.9	U	N
Aroclor 1232	ug/kg			28.5	U	N	19.3	U	N	20.9	U	N
Aroclor 1242	ug/kg			28.5	U	N	19.3	U	N	20.9	U	N
Aroclor 1248	ug/kg			28.5	U	N	19.3	U	N	20.9	U	N
Aroclor 1254	ug/kg			112	J	Y	19.3	U	N	20.9	U	N
Aroclor 1260	ug/kg			28.5	J	Y	19.3	U	N	20.9	U	N
Arsenic	mg/kg	57	93	46.4		Y	8.54	J	Y	6.62	J	Y
Benzo(A)anthracene	ug/kg	1300	1600	156	J	Y	94.1	U	N	108	U	N
Benzo(A)pyrene	ug/kg	1600	1600	181		Y	94.1	U	N	108	U	N
Benzo(G,H,I)perylene	ug/kg	670	720	255	J	Y	94.1	U	N	108	U	N
Benzofluoranthenes, Total	ug/kg	3200	3600	549		Y	188	U	N	217	U	N
Benzoic acid	ug/kg	*650*	650	*1320*	*U*	*N*	*873*	*J*	*Y*	*985*	*J*	*Y*
Benzyl alcohol	ug/kg	*57*	73	*1020*		*Y*	*94.1*	*U*	*N*	*108*	*U*	*N*
bis(2-Chloroethoxy) methane	ug/kg			132	U	N	94.1	U	N	108	U	N
Bis-(2-chloroethyl) ether	ug/kg			331	U	N	235	U	N	271	U	N
Bis(2-ethylhexyl)phthalate	ug/kg	*1300*	1900	*2270*		*Y*	*1990*	*U*	*Y*	*3980*		*Y*
Butylbenzylphthalate	ug/kg	*63*	900	*265*	*U*	*N*	*152*		*Y*	*116*		*Y*
Carbazole	ug/kg			132	U	N	94.1	U	N	108	U	N
Chrysene	ug/kg	1400	2800	313		Y	138		Y	101	J	Y
Coarse Sand	%			2.9		Y	2.5		Y	6.5		Y
Copper	mg/kg	390	390	134		Y	98.7		Y	78.6		Y
cPAH	ug/kg		100	300.13	J	Y	86.06		Y	98.26	J	Y
Dibenzo(A,H)anthracene	ug/kg	230	230	132	U	N	94.1	U	N	108	U	N
Dibenzofuran	ug/kg	540	540	132	U	N	94.1	U	N	108	U	N
Diesel Range (Silica and Acid Cleaned)	mg/kg	*2000*	2000	233	J	Y	1370		Y	*2170*		*Y*
Diethylphthalate	ug/kg	*200*	1200	*331*	*U*	*N*	*235*	*U*	*N*	*271*	*U*	*N*
Dimethylphthalate	ug/kg	*71*	160	*132*	*U*	*N*	*94.1*	*U*	*N*	*108*	*U*	*N*
Di-N-Butylphthalate	ug/kg	1400	1400	127	J	Y	94.1	U	N	108	U	N
Di-N-Octylphthalate	ug/kg	6200	6200	132	U	N	94.1	U	N	108	U	N
Fine Gravel	%			0.1	U	N	0.3		Y	2.1		Y
Fine Sand	%			12.1		Y	7		Y	7		Y
Fluoranthene	ug/kg	1700	2500	350		Y	194		Y	80.2	J	Y
Fluorene	ug/kg	540	540	132	U	N	94.1	U	N	108	U	N
Hexachlorobenzene	ug/kg	*22*	70	*132*	*U*	*N*	*94.1*	*U*	*N*	*108*	*U*	*N*
Hexachlorobutadiene	ug/kg	*11*	120	*132*	*U*	*N*	*94.1*	*U*	*N*	*108*	*U*	*N*
Hexachlorocyclopentadiene	ug/kg			662	U	N	471	U	N	542	U	N
Hexachloroethane	ug/kg			132	U	N	94.1	U	N	108	U	N
HPAH	ug/kg	12000	17000	2328	J	Y	596		Y	309.2	J	Y
Indeno(1,2,3-Cd)pyrene	ug/kg	600	690	191		Y	94.1	U	N	108	U	N
Isophorone	ug/kg			132	U	N	94.1	U	N	108	U	N
Lead	mg/kg	450	530	103		Y	236		Y	62.2		Y
LPAH	ug/kg	5200	5200	170		Y	131		Y	54.7	J	Y
Medium Sand	%			33.5		Y	5.3		Y	7.9		Y
Mercury	mg/kg	0.41	0.59	0.218		Y	0.189		Y	0.0331	J	Y
Motor Oil (Silica and Acid Cleaned)	mg/kg	*2000*	2000	1770		Y	*8670*		*Y*	*14100*		*Y*
Naphthalene	ug/kg	2100	2100	132	U	N	94.1	U	N	108	U	N
Nitrobenzene	ug/kg			132	U	N	94.1	U	N	108	U	N
N-Nitroso-Di-N-Propylamine	ug/kg			132	U	N	94.1	U	N	108	U	N
N-Nitrosodiphenylamine	ug/kg	*28*	40	*132*	*U*	*N*	*94.1*	*U*	*N*	*108*	*U*	*N*
Pentachlorophenol	ug/kg	*360*	690	*662*	*U*	*N*	*471*	*U*	*N*	*542*	*U*	*N*
Phenanthrene	ug/kg	1500	1500	170		Y	131		Y	54.7	J	Y
Phenol	ug/kg	420	1200	172		Y	86	J	Y	61.5	J	Y
Polychlorinated Biphenyls	ug/kg	*130*	1000	*140.5*	*J*	*Y*	19.3	U	N	20.9	U	N
Pyrene	ug/kg	2600	3300	333		Y	264		Y	128		Y
Solids, Total	%			28.67		Y	54.6		Y	47.39		Y
Total Fines	%			32		Y	60.4		Y	18		Y
Total Organic Carbon	%			13.4		Y	13.9		Y	12.9		Y
Very Coarse Sand	%			0.8		Y	2.1		Y	6.2		Y
Very Fine Sand	%			17.9		Y	13		Y	16.3		Y
Zinc	mg/kg	*410*	960	*729*		*Y*	*1790*		*Y*	*1020*		*Y*

			Location	RCB412		
			Sample Date	22 Dec 2025		
			Sample Name	JRZ-122225-3		
			Drainage Type	SD		
			Sample Method	Grab-Manual		
			Location Type	RCB		
			Project	Lower Duwamish Waterway		
			Outfall	W Marginal Pl SW SD		
Analyte	Unit	SQS/LAET	CSL/2LAET	Result	Qualifier	Detected
1,2,4-Trichlorobenzene	ug/kg	*31*	51	*91.3*	*U*	*N*
1,2-Dichlorobenzene	ug/kg	*35*	50	*91.3*	*U*	*N*
1,3-Dichlorobenzene	ug/kg			91.3	U	N
1,4-Dichlorobenzene	ug/kg	110	110	91.3	U	N
1-Methylnaphthalene	ug/kg			91.3	U	N
2,2'-Oxybis(1-chloropropane)	ug/kg			91.3	U	N
2,4,5-Trichlorophenol	ug/kg			457	U	N
2,4,6-Trichlorophenol	ug/kg			457	U	N
2,4-Dichlorophenol	ug/kg			457	U	N
2,4-Dimethylphenol	ug/kg	*29*	29	*457*	*U*	*N*
2,4-Dinitrophenol	ug/kg			913	U	N
2,4-Dinitrotoluene	ug/kg			457	U	N
2,6-Dinitrotoluene	ug/kg			457	U	N
2-Chloronaphthalene	ug/kg			91.3	U	N
2-Chlorophenol	ug/kg			91.3	U	N
2-Methylnaphthalene	ug/kg	670	670	91.3	U	N
2-Methylphenol	ug/kg	*63*	63	*91.3*	*U*	*N*
2-Nitroaniline	ug/kg			457	U	N
2-Nitrophenol	ug/kg			91.3	U	N
3,3`-Dichlorobenzidine	ug/kg			457	U	N
3-Nitroaniline	ug/kg			457	U	N
4,6-Dinitro-2-Methylphenol	ug/kg			913	U	N
4-Bromophenyl phenyl ether	ug/kg			91.3	U	N
4-Chloro-3-Methylphenol	ug/kg			457	U	N
4-Chloroaniline	ug/kg			457	U	N
4-Chlorophenyl Phenylether	ug/kg			228	U	N
4-Methylphenol	ug/kg	670	670	91.3	U	N
4-Nitroaniline	ug/kg			457	U	N
4-Nitrophenol	ug/kg			457	U	N
Acenaphthene	ug/kg	500	500	91.3	U	N
Acenaphthylene	ug/kg	1300	1300	91.3	U	N
Anthracene	ug/kg	960	960	91.3	U	N
Aroclor 1016	ug/kg			18.6	U	N
Aroclor 1221	ug/kg			18.6	U	N
Aroclor 1232	ug/kg			18.6	U	N
Aroclor 1242	ug/kg			18.6	U	N
Aroclor 1248	ug/kg			18.6	U	N
Aroclor 1254	ug/kg			18.6	U	N
Aroclor 1260	ug/kg			18.6	U	N
Arsenic	mg/kg	57	93	6.15	J	Y
Benzo(A)anthracene	ug/kg	1300	1600	156		Y
Benzo(A)pyrene	ug/kg	1600	1600	157		Y
Benzo(G,H,I)perylene	ug/kg	670	720	91.3	U	N
Benzofluoranthenes, Total	ug/kg	3200	3600	388		Y
Benzoic acid	ug/kg	*650*	650	*750*	*J*	*Y*
Benzyl alcohol	ug/kg	*57*	73	*91.3*	*U*	*N*
bis(2-Chloroethoxy) methane	ug/kg			91.3	U	N
Bis-(2-chloroethyl) ether	ug/kg			228	U	N
Bis(2-ethylhexyl)phthalate	ug/kg	*1300*	1900	*17500*		*Y*
Butylbenzylphthalate	ug/kg	63	900	51.2	J	Y
Carbazole	ug/kg			91.3	U	N
Chrysene	ug/kg	1400	2800	224		Y
Coarse Sand	%			6.3		Y
Copper	mg/kg	390	390	96.2		Y
cPAH	ug/kg		100	236.465		Y
Dibenzo(A,H)anthracene	ug/kg	230	230	91.3	U	N
Dibenzofuran	ug/kg	540	540	91.3	U	N
Diesel Range (Silica and Acid Cleaned)	mg/kg	2000	2000	208		Y
Diethylphthalate	ug/kg	*200*	1200	*228*	*U*	*N*
Dimethylphthalate	ug/kg	*71*	160	*91.3*	*U*	*N*
Di-N-Butylphthalate	ug/kg	1400	1400	91.3	U	N
Di-N-Octylphthalate	ug/kg	6200	6200	91.3	U	N
Fine Gravel	%			3.9		Y
Fine Sand	%			4.5		Y
Fluoranthene	ug/kg	1700	2500	387		Y
Fluorene	ug/kg	540	540	91.3	U	N
Hexachlorobenzene	ug/kg	*22*	70	*91.3*	*U*	*N*
Hexachlorobutadiene	ug/kg	*11*	120	*91.3*	*U*	*N*
Hexachlorocyclopentadiene	ug/kg			457	U	N
Hexachloroethane	ug/kg			91.3	U	N
HPAH	ug/kg	12000	17000	1613		Y
Indeno(1,2,3-Cd)pyrene	ug/kg	600	690	91.3	U	N
Isophorone	ug/kg			91.3	U	N
Lead	mg/kg	450	530	102		Y
LPAH	ug/kg	5200	5200	158		Y
Medium Sand	%			7		Y
Mercury	mg/kg	0.41	0.59	0.111		Y
Motor Oil (Silica and Acid Cleaned)	mg/kg	2000	2000	1630		Y
Naphthalene	ug/kg	2100	2100	91.3	U	N
Nitrobenzene	ug/kg			91.3	U	N
N-Nitroso-Di-N-Propylamine	ug/kg			91.3	U	N
N-Nitrosodiphenylamine	ug/kg	*28*	40	*91.3*	*U*	*N*
Pentachlorophenol	ug/kg	*360*	690	*457*	*U*	*N*
Phenanthrene	ug/kg	1500	1500	158		Y
Phenol	ug/kg	420	1200	60.2	J	Y
Polychlorinated Biphenyls	ug/kg	130	1000	18.6	U	N
Pyrene	ug/kg	2600	3300	301		Y
Solids, Total	%			49.5		Y
Total Fines	%			26.3		Y
Total Organic Carbon	%			5.4		Y
Very Coarse Sand	%			6.9		Y
Very Fine Sand	%			7.7		Y
Zinc	mg/kg	410	960	378		Y