

Location		Sample Date		16TH-ST1			17TH-ST1			1ST-ST3			1ST-ST8		
Sample Name		25 Oct 2024		25 Oct 2024			10 Apr 2024			15 Apr 2024			25 Oct 2024		
Sample Method		16TH-ST1-102524		16TH-ST1-102524			17TH-ST1-041024			1ST-ST3-041524			1ST-ST8-102524		
Location Type		SedTrap		SedTrap			SedTrap			SedTrap			SedTrap		
Outfall		16th Ave S SD (east)		16th Ave S SD (east)			17th Ave S SD			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	Result	Qualifier	Detected
1,2,4-Trichlorobenzene	ug/kg	31	51	20	U	N	191	U	N	99.8	U	N	23.4	U	N
1,2-Dichlorobenzene	ug/kg	35	50	20	U	N	191	U	N	99.8	U	N	23.4	U	N
1,3-Dichlorobenzene	ug/kg			20	U	N	191	U	N	99.8	U	N	23.4	U	N
1,4-Dichlorobenzene	ug/kg	110	110	20	U	N	191	U	N	99.8	U	N	23.4	U	N
1-Methylnaphthalene	ug/kg			29		Y	191	U	N	99.8	U	N	13.6	J	Y
2,2'-Oxybis(1-chloropropane)	ug/kg			20	U	N	191	U	N	99.8	U	N	23.4	U	N
2,4,5-Trichlorophenol	ug/kg			100	U	N	955	U	N	499	U	N	117	U	N
2,4,6-Trichlorophenol	ug/kg			100	U	N	955	U	N	499	U	N	117	U	N
2,4-Dichlorophenol	ug/kg			100	U	N	955	U	N	499	U	N	117	U	N
2,4-Dimethylphenol	ug/kg	29	29	100	U	N	955	U	N	499	U	N	117	U	N
2,4-Dinitrophenol	ug/kg			200	U	N	1910	U	N	998	U	N	234	U	N
2,4-Dinitrotoluene	ug/kg			100	U	N	955	U	N	499	U	N	117	U	N
2,6-Dinitrotoluene	ug/kg			100	U	N	955	U	N	499	U	N	117	U	N
2-Chloronaphthalene	ug/kg			20	U	N	191	U	N	99.8	U	N	23.4	U	N
2-Chlorophenol	ug/kg			20	U	N	191	U	N	99.8	U	N	23.4	U	N
2-Methylnaphthalene	ug/kg	670	670	77.5		Y	191	U	N	99.8	U	N	29.3		Y
2-Methylphenol	ug/kg	63	63	201		Y	191	U	N	99.8	U	N	23.4	U	N
2-Nitroaniline	ug/kg			100	U	N	955	U	N	499	U	N	117	U	N
2-Nitrophenol	ug/kg			20	U	N	191	U	N	99.8	U	N	23.4	U	N
3,3'-Dichlorobenzidine	ug/kg			1000	U	N	955	U	N	499	U	N	1170	U	N
3-Nitroaniline	ug/kg			100	U	N	955	U	N	499	U	N	117	U	N
4,6-Dinitro-2-Methylphenol	ug/kg			200	U	N	1910	U	N	998	U	N	234	U	N
4-Bromophenyl phenyl ether	ug/kg			20	U	N	191	U	N	99.8	U	N	23.4	U	N
4-Chloro-3-Methylphenol	ug/kg			100	U	N	955	U	N	499	U	N	117	U	N
4-Chloroaniline	ug/kg			100	U	N	955	U	N	499	U	N	117	U	N
4-Chlorophenyl Phenylether	ug/kg			50	U	N	477	U	N	250	U	N	58.4	U	N
4-Methylphenol	ug/kg	670	670	174		Y	479		Y	564		Y	182		Y
4-Nitroaniline	ug/kg			100	U	N	955	U	N	499	U	N	117	U	N
4-Nitrophenol	ug/kg			100	U	N	955	U	N	499	U	N	117	U	N
Acenaphthene	ug/kg	500	500	19.7	J	Y	191	U	N	99.8	U	N	23.4	U	N
Acenaphthylene	ug/kg	1300	1300	25.1		Y	191	U	N	99.8	U	N	23.4	U	N
Anthracene	ug/kg	960	960	86.8		Y	191	U	N	99.8	U	N	50.9		Y
Aroclor 1016	ug/kg			20	U	N	94.3	U	N	99.5	U	N	20	U	N
Aroclor 1221	ug/kg			20	U	N	94.3	U	N	99.5	U	N	20	U	N
Aroclor 1232	ug/kg			20	U	N	94.3	U	N	99.5	U	N	20	U	N
Aroclor 1242	ug/kg			20	U	N	94.3	U	N	99.5	U	N	20	U	N
Aroclor 1248	ug/kg			131		Y	94.3	U	N	99.5	U	N	20	U	N
Aroclor 1254	ug/kg			191		Y	204		Y	99.5	U	N	335		Y
Aroclor 1260	ug/kg			109		Y	1000		Y	99.5	U	N	158		Y
Arsenic	mg/kg	57	93	9.27	J	Y	5.15	J	Y	2.88	J	Y	12.8	J	Y
Benzo(A)anthracene	ug/kg	1300	1600	254		Y	191	U	N	118		Y	306		Y
Benzo(A)pyrene	ug/kg	1600	1600	286	J	Y	191	U	N	184		Y	505	J	Y
Benzo(G,H,I)perylene	ug/kg	670	720	387	J	Y	485		Y	193		Y	234	U	N
Benzo(a)fluoranthene, Total	ug/kg	3200	3600	816		Y	424		Y	319		Y	1050		Y
Benzoic acid	ug/kg	650	650	786		Y	2270		Y	321	J	Y	289		Y
Benzyl alcohol	ug/kg	57	73	979		Y	2330		Y	135		Y	106		Y
bis(2-Chloroethoxy) methane	ug/kg			20	U	N	191	U	N	99.8	U	N	23.4	U	N
Bis-(2-chloroethyl) ether	ug/kg			50	U	N	477	U	N	250	U	N	58.4	U	N
Bis(2-ethylhexyl)phthalate	ug/kg	1300	1900	20500		Y	3560		Y	443		Y	2260		Y
Butylbenzylphthalate	ug/kg	63	900	640		Y	191	U	N	99.8	U	N	234	U	N
Carbazole	ug/kg			79.7		Y	191	U	N	28.9	J	Y	84.9		Y
Chrysene	ug/kg	1400	2800	614		Y	191	U	N	239		Y	624		Y
Coarse Sand	%			2.7		Y				19.6		Y	6		Y
Copper	mg/kg	390	390	297		Y	581		Y	41.5		Y	153		Y
cPAH	ug/kg		100	449.14	J	Y	196.155		Y	262.95		Y	705.34	J	Y
Dibenzo(A,H)anthracene	ug/kg	230	230	200	U	N	191	U	N	99.8	U	N	234	U	N
Dibenzofuran	ug/kg	540	540	31.5		Y	191	U	N	99.8	U	N	23.4	U	N
Diesel Range (S&A Cleaned)	mg/kg	2000	2000							291		Y			
Diesel Range Hydrocarbons	mg/kg	2000	2000	1080		Y	351		Y				433		Y
Diethylphthalate	ug/kg	200	1200	50	U	N	477	U	N	250	U	N	58.4	U	N
Dimethylphthalate	ug/kg	71	160	288		Y	1100		Y	99.8	U	N	37.6		Y
Di-N-Butylphthalate	ug/kg	1400	1400	141		Y	191	U	N	52.8	J	Y	30.4		Y
Di-N-Octylphthalate	ug/kg	6200	6200	200	U	N	191	U	N	99.8	U	N	234	U	N
Fine Gravel	%			0.1	U	N				3.4		Y	0.4		Y
Fine Sand	%			6.1		Y				6.4		Y	8.2		Y
Fluoranthene	ug/kg	1700	2500	857		Y	706		Y	409		Y	624		Y
Fluorene	ug/kg	540	540	58.8		Y	191	U	N	99.8	U	N	28.8		Y
Hexachlorobenzene	ug/kg	22	70	20	U	N	191	U	N	99.8	U	N	23.4	U	N
Hexachlorobutadiene	ug/kg	11	120	20	U	N	191	U	N	99.8	U	N	23.4	U	N
Hexachlorocyclopentadiene	ug/kg			100	U	N	955	U	N	499	U	N	117	U	N
Hexachloroethane	ug/kg			20	U	N	191	U	N	99.8	U	N	23.4	U	N
HPAH	ug/kg	12000	17000	4464	J	Y	2469		Y	1955		Y	3741	J	Y
Indeno(1,2,3-Cd)pyrene	ug/kg	600	690	200	U	N	191	U	N	129		Y	234	U	N
Isophorone	ug/kg			20	U	N	191	U	N	99.8	U	N	23.4	U	N
Lead	mg/kg	450	530	115		Y	102		Y	8.96		Y	188		Y
LPAH	ug/kg	5200	5200	759.2	J	Y	314	J	Y	126		Y	466.9		Y
Medium Sand	%			5.7		Y				23.6		Y	11.3		Y
Mercury	mg/kg	0.41	0.59	0.7		Y	0.29		Y	0.0406		Y	0.227		Y
Motor Oil (S&A Cleaned)	mg/kg	2000	2000							2220		Y			
Motor Oil Range	mg/kg	2000	2000	6210		Y	1910		Y				2880		Y
Naphthalene	ug/kg	2100	2100	90.8		Y	64	J	Y	99.8	U	N	37.2		Y
Nitrobenzene	ug/kg			20	U	N	191	U	N	99.8	U	N	23.4	U	N
N-Nitroso-Di-N-Propylamine	ug/kg			20	U	N	191	U	N	99.8	U	N	23.4	U	N
N-Nitrosodiphenylamine	ug/kg	28	40	65.6		Y	191	U	N	99.8	U	N	15.2	J	Y
Pentachlorophenol	ug/kg	360	690	100	U	N	955	U	N	499	U	N	117	U	N
Phenanthrene	ug/kg	1500	1500	478		Y	250		Y	126		Y	350		Y
Phenol	ug/kg	420	1200	140		Y	191	U	N	99.8	U	N	23.4	U	N
Polychlorinated Biphenyls	ug/kg	130	1000	431		Y	1204		Y	99.5	U	N	493		Y
Pyrene	ug/kg	2600	3300	1250		Y	854		Y	364		Y	632		Y
Solids, Total	%			36.1		Y	23.37		Y	52.98	J	Y	23.78		Y
Total Organic Carbon	%			20.4		Y	17.4		Y	6.68		Y	22.3		Y
Very Coarse Sand	%			1.4		Y				18.3		Y	3.2		Y
Very Fine Sand	%			11.3		Y				5		Y	8.7		Y
Zinc	mg/kg	410	960	1330		Y	796		Y	431		Y	958		Y

		Location		7th-ST1			7TH-ST2			7TH-ST3			96TH-ST1			GD
		Sample Date		17 Jul 2024			10 Apr 2024			10 Apr 2024			17 Jul 2024			
		Sample Name		7TH-ST1-071724			7TH-ST2-041024			7TH-ST3-041024			96TH-ST1-071724			
		Sample Method		SedTrap			SedTrap			SedTrap			SedTrap			
		Location Type		Inline w/Active SPU Sed Trap			Inline w/Active SPU Sed Trap			Inline w/Active SPU Sed Trap			Inline			
		Outfall		7th Ave S SD			7th Ave S SD			7th Ave S SD			S 96th St SD			S
Analyte	Unit	SQS/LAET	CSL/2LAET	Result	Qualifier	Detected	Result	Qualifier	Detected	Result	Qualifier	Detected	Result	Qualifier	Detected	Result
1,2,4-Trichlorobenzene	ug/kg	31	51	273	U	N	19.6	U	N				242	U	N	99.5
1,2-Dichlorobenzene	ug/kg	35	50	273	U	N	19.6	U	N				242	U	N	99.5
1,3-Dichlorobenzene	ug/kg			273	U	N	19.6	U	N				242	U	N	99.5
1,4-Dichlorobenzene	ug/kg	110	110	273	U	N	19.6	U	N				242	U	N	99.5
1-Methylnaphthalene	ug/kg			273	U	N	19.6	U	N				242	U	N	99.5
2,2'-Oxybis(1-chloropropane)	ug/kg			273	U	N	19.6	U	N				242	U	N	99.5
2,4,5-Trichlorophenol	ug/kg			1370	U	N	98.2	U	N				1210	U	N	498
2,4,6-Trichlorophenol	ug/kg			1370	U	N	98.2	U	N				1210	U	N	498
2,4-Dichlorophenol	ug/kg			1370	U	N	98.2	U	N				1210	U	N	498
2,4-Dimethylphenol	ug/kg	29	29	1370	U	N	98.2	U	N				1210	U	N	498
2,4-Dinitrophenol	ug/kg			2730	U	N	196	U	N				2420	U	N	995
2,4-Dinitrotoluene	ug/kg			1370	U	N	98.2	U	N				1210	U	N	498
2,6-Dinitrotoluene	ug/kg			1370	U	N	98.2	U	N				1210	U	N	498
2-Chloronaphthalene	ug/kg			273	U	N	19.6	U	N				242	U	N	99.5
2-Chlorophenol	ug/kg			273	U	N	19.6	U	N				242	U	N	99.5
2-Methylnaphthalene	ug/kg	670	670	273	U	N	19.6	U	N				242	U	N	99.5
2-Methylphenol	ug/kg	63	63	273	U	N	19.6	U	N				242	U	N	99.5
2-Nitroaniline	ug/kg			1370	U	N	98.2	U	N				1210	U	N	498
2-Nitrophenol	ug/kg			273	U	N	19.6	U	N				242	U	N	99.5
3,3'-Dichlorobenzidine	ug/kg			1370	U	N	98.2	U	N				1210	U	N	498
3-Nitroaniline	ug/kg			1370	U	N	98.2	U	N				1210	U	N	498
4,6-Dinitro-2-Methylphenol	ug/kg			2730	U	N	196	U	N				2420	U	N	995
4-Bromophenyl phenyl ether	ug/kg			273	U	N	19.6	U	N				242	U	N	99.5
4-Chloro-3-Methylphenol	ug/kg			1370	U	N	98.2	U	N				1210	U	N	498
4-Chloroaniline	ug/kg			1370	U	N	98.2	U	N				1210	U	N	498
4-Chlorophenyl Phenylether	ug/kg			683	U	N	49.1	U	N				605	U	N	249
4-Methylphenol	ug/kg	670	670	273	U	N	11.3	J	Y				242	U	N	99.5
4-Nitroaniline	ug/kg			1370	U	N	98.2	U	N				1210	U	N	498
4-Nitrophenol	ug/kg			1370	U	N	98.2	U	N				1210	U	N	498
Acenaphthene	ug/kg	500	500	273	U	N	19.6	U	N				242	U	N	99.5
Acenaphthylene	ug/kg	1300	1300	273	U	N	19.6	U	N				242	U	N	99.5
Anthracene	ug/kg	960	960	273	U	N	19.6	U	N				242	U	N	99.5
Aroclor 1016	ug/kg			27.3	U	N	19.9	U	N	75.6	U	N	24.2	U	N	19.9
Aroclor 1221	ug/kg			27.3	U	N	19.9	U	N	75.6	U	N	24.2	U	N	19.9
Aroclor 1232	ug/kg			27.3	U	N	19.9	U	N	75.6	U	N	24.2	U	N	19.9
Aroclor 1242	ug/kg			27.3	U	N	19.9	U	N	75.6	U	N	24.2	U	N	19.9
Aroclor 1248	ug/kg			41.8		Y	19.9	U	N	75.6	U	N	24.2	U	N	19.9
Aroclor 1254	ug/kg			61.6		Y	19.9	U	N	75.6	U	N	24.8	J	Y	180
Aroclor 1260	ug/kg			48.4		Y	19.9	U	N	75.6	U	N	33		Y	208
Arsenic	mg/kg	57	93	16.5		Y	4.1	J	Y				39.6		Y	13.8
Benzo(A)anthracene	ug/kg	1300	1600	302		Y	19.6	U	N				242	U	N	73.2
Benzo(A)pyrene	ug/kg	1600	1600	416		Y	19.6	U	N				242	U	N	108
Benzo(G,H,I)perylene	ug/kg	670	720	273	U	N	19.6	U	N				242	U	N	158
Benzo(a)fluoranthene, Total	ug/kg	3200	3600	1020		Y	39.3	U	N				484	U	N	294
Benzoic acid	ug/kg	650	650	2730	U	N	1120		Y				2420	U	N	995
Benzyl alcohol	ug/kg	57	73	273	U	N	1500		Y				242	U	N	99.5
bis(2-Chloroethoxy) methane	ug/kg			273	U	N	19.6	U	N				242	U	N	99.5
Bis-(2-chloroethyl) ether	ug/kg			683	U	N	49.1	U	N				605	U	N	249
Bis(2-ethylhexyl)phthalate	ug/kg	1300	1900	4240		Y	49.1	U	N				5470		Y	3150
Butylbenzylphthalate	ug/kg	63	900	307		Y	19.6	U	N				262		Y	175
Carbazole	ug/kg			273	U	N	19.6	U	N				242	U	N	99.5
Chrysene	ug/kg	1400	2800	514		Y	19.6	U	N				169	J	Y	204
Coarse Sand	%			2.8		Y	20.9		Y							0.9
Copper	mg/kg	390	390	145		Y	11.1		Y				119		Y	320
cPAH	ug/kg		100	621.59		Y	17.743	U	N				219.49	J	Y	174.72
Dibenzo(A,H)anthracene	ug/kg	230	230	273	U	N	19.6	U	N				242	U	N	99.5
Dibenzofuran	ug/kg	540	540	273	U	N	19.6	U	N				242	U	N	99.5
Diesel Range (S&A Cleaned)	mg/kg	2000	2000	477		Y							758		Y	773
Diesel Range Hydrocarbons	mg/kg	2000	2000				11.3		Y							
Diethylphthalate	ug/kg	200	1200	683	U	N	49.1	U	N				605	U	N	249
Dimethylphthalate	ug/kg	71	160	273	U	N	19.6	U	N				242	U	N	28.3
Di-N-Butylphthalate	ug/kg	1400	1400	168	J	Y	19.6	U	N				242	U	N	90.2
Di-N-Octylphthalate	ug/kg	6200	6200	273	U	N	19.6	U	N				204	J	Y	99.5
Fine Gravel	%			0.2		Y	0.3		Y							0.1
Fine Sand	%			2.9		Y	11.3		Y							2.2
Fluoranthene	ug/kg	1700	2500	784		Y	19.6	U	N				200	J	Y	238
Fluorene	ug/kg	540	540	273	U	N	19.6	U	N				242	U	N	99.5
Hexachlorobenzene	ug/kg	22	70	273	U	N	19.6	U	N				242	U	N	99.5
Hexachlorobutadiene	ug/kg	11	120	273	U	N	19.6	U	N				242	U	N	99.5
Hexachlorocyclopentadiene	ug/kg			1370	U	N	98.2	U	N				1210	U	N	498
Hexachloroethane	ug/kg			273	U	N	19.6	U	N				242	U	N	99.5
HPAH	ug/kg	12000	17000	3781		Y	16.7	J	Y				671	J	Y	1452.8
Indeno(1,2,3-Cd)pyrene	ug/kg	600	690	273	U	N	19.6	U	N				242	U	N	80.6
Isophorone	ug/kg			273	U	N	19.6	U	N				242	U	N	99.5
Lead	mg/kg	450	530	51.7		Y	5.13		Y				59.2		Y	248
LPAH	ug/kg	5200	5200	306		Y	14.2	J	Y				242	U	N	112.2
Medium Sand	%			5.9		Y	53.2		Y							2
Mercury	mg/kg	0.41	0.59	0.139		Y	0.0234	J	Y				0.16		Y	0.374
Motor Oil (S&A Cleaned)	mg/kg	2000	2000	2650		Y							3550		Y	5380
Motor Oil Range	mg/kg	2000	2000				60.4		Y							
Naphthalene	ug/kg	2100	2100	273	U	N	4.5	J	Y				242	U	N	27.7
Nitrobenzene	ug/kg			273	U	N	19.6	U	N				242	U	N	99.5
N-Nitroso-Di-N-Propylamine	ug/kg			273	U	N	19.6	U	N				242	U	N	99.5
N-Nitrosodiphenylamine	ug/kg	28	40	273	U	N	19.6	U	N				242	U	N	99.5
Pentachlorophenol	ug/kg	360	690	1370	U	N	98.2	U	N				1210	U	N	498
Phenanthrene	ug/kg	1500	1500	306		Y	9.7	J	Y				242	U	N	84.5
Phenol	ug/kg	420	1200	273	U	N	19.6	U	N				242	U	N	37.6
Polychlorinated Biphenyls	ug/kg	130	1000	151.8		Y	19.9	U	N	75.6	U	N	57.8	J	Y	388
Pyrene	ug/kg	2600	3300	745		Y	16.7	J	Y				302		Y	297
Solids, Total	%			35.8		Y	65.71		Y	20.26		Y	40.33		Y	53.64
Total Organic Carbon	%			8.9		Y	1.5		Y				8.25		Y	12.7
Very Coarse Sand	%			1.5		Y	2.7		Y							0.3
Very Fine Sand	%			5.5		Y	4.4		Y							5.9
Zinc	mg/kg	410	960	671		Y	72.9		Y				759		Y	1560

Lab Analytical Codes: Y = Detected; N = Not Detected; U = Not detected at the level noted; J = Estimated Concentration

		Location		GDN-ST1		HP-ST6			ID-ST1			ID-ST2			
		Sample Date		15 Apr 2024		17 Jul 2024			15 Apr 2024			08 Jul 2024			
		Sample Name		N-ST1-041524		HP-ST6-071724			ID-ST1-041524			ID-ST2-070824			
		Sample Method		SedTrap		SedTrap			SedTrap			SedTrap			
		Location Type		Inline		Inline w/Active SPU Sed Trap			Inline w/Active SPU Sed Trap			Inline w/Active SPU Sed Trap			
		Outfall		Garden St SD		Highland Park Wy SW SD			SW Idaho St SD			SW Idaho St SD			
Analyte	Unit	SQS/LAET	CSL/2LAET	Qualifier	Detected	Result	Qualifier	Detected	Result	Qualifier	Detected	Result	Qualifier	Detected	Result
1,2,4-Trichlorobenzene	ug/kg	31	51	UJ	N	263	U	N	252	U	N	256	U	N	457
1,2-Dichlorobenzene	ug/kg	35	50	UJ	N	263	U	N	252	U	N	256	U	N	457
1,3-Dichlorobenzene	ug/kg			UJ	N	263	U	N	252	U	N	256	U	N	457
1,4-Dichlorobenzene	ug/kg	110	110	UJ	N	263	U	N	252	U	N	256	U	N	457
1-Methylnaphthalene	ug/kg			UJ	N	263	U	N	252	U	N	256	U	N	231
2,2'-Oxybis(1-chloropropane)	ug/kg			UJ	N	263	U	N	252	U	N	256	U	N	457
2,4,5-Trichlorophenol	ug/kg			UJ	N	1310	U	N	1260	U	N	1280	U	N	2280
2,4,6-Trichlorophenol	ug/kg			UJ	N	1310	U	N	1260	U	N	1280	U	N	2280
2,4-Dichlorophenol	ug/kg			UJ	N	1310	U	N	1260	U	N	1280	U	N	2280
2,4-Dimethylphenol	ug/kg	29	29	UJ	N	1310	U	N	1260	U	N	1280	U	N	2280
2,4-Dinitrophenol	ug/kg			UJ	N	2630	U	N	2520	U	N	2560	U	N	4570
2,4-Dinitrotoluene	ug/kg			UJ	N	1310	U	N	1260	U	N	1280	U	N	2280
2,6-Dinitrotoluene	ug/kg			UJ	N	1310	U	N	1260	U	N	1280	U	N	2280
2-Chloronaphthalene	ug/kg			UJ	N	263	U	N	252	U	N	256	U	N	457
2-Chlorophenol	ug/kg			UJ	N	263	U	N	252	U	N	256	U	N	457
2-Methylnaphthalene	ug/kg	670	670	UJ	N	263	U	N	252	U	N	256	U	N	449
2-Methylphenol	ug/kg	63	63	UJ	N	263	U	N	252	U	N	256	U	N	457
2-Nitroaniline	ug/kg			UJ	N	1310	U	N	1260	U	N	1280	U	N	2280
2-Nitrophenol	ug/kg			UJ	N	263	U	N	252	U	N	256	U	N	457
3,3'-Dichlorobenzidine	ug/kg			UJ	N	1310	U	N	1260	U	N	1280	U	N	2280
3-Nitroaniline	ug/kg			UJ	N	1310	U	N	1260	U	N	1280	U	N	2280
4,6-Dinitro-2-Methylphenol	ug/kg			UJ	N	2630	U	N	2520	U	N	2560	U	N	4570
4-Bromophenyl phenyl ether	ug/kg			UJ	N	263	U	N	252	U	N	256	U	N	457
4-Chloro-3-Methylphenol	ug/kg			UJ	N	1310	U	N	1260	U	N	1280	U	N	2280
4-Chloroaniline	ug/kg			UJ	N	1310	U	N	1260	U	N	1280	U	N	2280
4-Chlorophenyl Phenylether	ug/kg			UJ	N	656	U	N	631	U	N	639	U	N	1140
4-Methylphenol	ug/kg	670	670	UJ	N	263	U	N	710		Y	352		Y	2970
4-Nitroaniline	ug/kg			UJ	N	1310	U	N	1260	U	N	1280	U	N	2280
4-Nitrophenol	ug/kg			UJ	N	1310	U	N	1260	U	N	1280	U	N	2280
Acenaphthene	ug/kg	500	500	UJ	N	263	U	N	123	J	Y	256	U	N	333
Acenaphthylene	ug/kg	1300	1300	UJ	N	263	U	N	252	U	N	256	UJ	N	457
Anthracene	ug/kg	960	960	UJ	N	263	U	N	253		Y	256	U	N	223
Aroclor 1016	ug/kg			U	N	26.3	U	N	20	UJ	N	25.5	U	N	342
Aroclor 1221	ug/kg			U	N	26.3	U	N	20	UJ	N	25.5	U	N	342
Aroclor 1232	ug/kg			U	N	26.3	U	N	20	UJ	N	25.5	U	N	342
Aroclor 1242	ug/kg			U	N	26.3	U	N	20	UJ	N	25.5	U	N	342
Aroclor 1248	ug/kg			U	N	57.5		Y	20	UJ	N	118	J	Y	342
Aroclor 1254	ug/kg			J	Y	69		Y	38.6	J	Y	63.1		Y	342
Aroclor 1260	ug/kg				Y	52.6		Y	50.5	J	Y	32.8		Y	342
Arsenic	mg/kg	57	93		Y	34.9		Y	12.1	J	Y	7.54	J	Y	249
Benzo(A)anthracene	ug/kg	1300	1600	J	Y	206	J	Y	1290		Y	256	U	N	350
Benzo(A)pyrene	ug/kg	1600	1600	J	Y	240	J	Y	2770		Y	148	J	Y	407
Benzo(G,H,I)perylene	ug/kg	670	720	J	Y	263	U	N	3100		Y	256	U	N	418
Benzo(a)fluoranthene, Total	ug/kg	3200	3600	J	Y	725		Y	6330		Y	515		Y	1880
Benzoic acid	ug/kg	650	650	UJ	N	2630	U	N	2300	J	Y	1370	J	Y	45400
Benzyl alcohol	ug/kg	57	73	UJ	N	267		Y	3930		Y	925		Y	60800
bis(2-Chloroethoxy) methane	ug/kg			UJ	N	263	U	N	252	U	N	256	U	N	457
Bis-(2-chloroethyl) ether	ug/kg			UJ	N	656	U	N	631	U	N	639	U	N	1140
Bis(2-ethylhexyl)phthalate	ug/kg	1300	1900	J	Y	2680		Y	2200		Y	557	J	Y	6650
Butylbenzylphthalate	ug/kg	63	900	J	Y	197	J	Y	252	U	N	256	U	N	457
Carbazole	ug/kg			UJ	N	263	U	N	397		Y	256	U	N	457
Chrysene	ug/kg	1400	2800	J	Y	396		Y	2850		Y	211	J	Y	898
Coarse Sand	%				Y	2.9		Y	10.7		Y	2.1		Y	9.9
Copper	mg/kg	390	390		Y	164		Y	127		Y	74.4		Y	763
cPAH	ug/kg		100	J	Y	402.81	J	Y	3879.9		Y	278.41	J	Y	753.23
Dibenzo(A,H)anthracene	ug/kg	230	230	UJ	N	263	U	N	252	U	N	256	U	N	457
Dibenzofuran	ug/kg	540	540	UJ	N	263	U	N	252	U	N	256	U	N	457
Diesel Range (S&A Cleaned)	mg/kg	2000	2000		Y	988		Y	521		Y	147		Y	1700
Diesel Range Hydrocarbons	mg/kg	2000	2000												
Diethylphthalate	ug/kg	200	1200	UJ	N	656	U	N	631	U	N	639	U	N	1140
Dimethylphthalate	ug/kg	71	160	J	Y	658		Y	252	U	N	256	U	N	457
Di-N-Butylphthalate	ug/kg	1400	1400	J	Y	263	U	N	252	U	N	256	U	N	457
Di-N-Octylphthalate	ug/kg	6200	6200	UJ	N	225	J	Y	252	U	N	256	U	N	457
Fine Gravel	%				Y	0.4		Y	0.3		Y	0.2		Y	1.8
Fine Sand	%				Y	2.4		Y	9.9		Y	9.4		Y	12.8
Fluoranthene	ug/kg	1700	2500	J	Y	616		Y	3740		Y	230	J	Y	1060
Fluorene	ug/kg	540	540	UJ	N	263	U	N	252	U	N	256	U	N	457
Hexachlorobenzene	ug/kg	22	70	UJ	N	263	U	N	252	U	N	256	U	N	457
Hexachlorobutadiene	ug/kg	11	120	UJ	N	263	U	N	252	U	N	256	U	N	457
Hexachlorocyclopentadiene	ug/kg			UJ	N	1310	U	N	1260	U	N	1280	U	N	2280
Hexachloroethane	ug/kg			UJ	N	263	U	N	252	U	N	256	U	N	457
HPAH	ug/kg	12000	17000	J	Y	2942	J	Y	26400		Y	1347	J	Y	6193
Indeno(1,2,3-Cd)pyrene	ug/kg	600	690	J	Y	263	U	N	2690		Y	256	U	N	457
Isophorone	ug/kg			UJ	N	263	U	N	252	U	N	256	U	N	457
Lead	mg/kg	450	530		Y	423		Y	68.6		Y	31.6		Y	907
LPAH	ug/kg	5200	5200	J	Y	358		Y	2854	J	Y	158	J	Y	3226
Medium Sand	%				Y	2.3		Y	15.3		Y	7.6		Y	19.4
Mercury	mg/kg	0.41	0.59		Y	0.198		Y	0.173		Y	0.837		Y	2.68
Motor Oil (S&A Cleaned)	mg/kg	2000	2000		Y	3030		Y	3620		Y	1110		Y	8490
Motor Oil Range	mg/kg	2000	2000												
Naphthalene	ug/kg	2100	2100	J	Y	263	U	N	138	J	Y	256	U	N	1600
Nitrobenzene	ug/kg			UJ	N	263	U	N	252	U	N	256	U	N	457
N-Nitroso-Di-N-Propylamine	ug/kg			UJ	N	263	U	N	252	U	N	256	U	N	457
N-Nitrosodiphenylamine	ug/kg	28	40	UJ	N	263	U	N	252	U	N	256	U	N	457
Pentachlorophenol	ug/kg	360	690	UJ	N	1310	U	N	1260	U	N	1280	U	N	1510
Phenanthrene	ug/kg	1500	1500	J	Y	358		Y	2340		Y	158	J	Y	1070
Phenol	ug/kg	420	1200	J	Y	263	U	N	252	U	N	183	J	Y	2090
Polychlorinated Biphenyls	ug/kg	130	1000	J	Y	179.1		Y	89.1	J	Y	213.9	J	Y	342
Pyrene	ug/kg	2600	3300	J	Y	759		Y	3630		Y	243	J	Y	1180
Solids, Total	%			J	Y	35.98		Y	28.9	J	Y	36.57		Y	2.91
Total Organic Carbon	%				Y	11.7		Y	21.5		Y	7.92		Y	169
Very Coarse Sand	%				Y	2.3		Y	5.9		Y	2.5		Y	6.9
Very Fine Sand	%				Y	6.7		Y	15.3		Y	16		Y	14.4
Zinc	mg/kg	410	960		Y	952		Y	833		Y	355		Y	6110

Lab Analytical Codes: Y = Detected; N = Not Detected; U = Not detected at the level noted; J = Estimated Concentration

Location		ID-ST3	KN-ST1		MH101			MH18			MH211					
Sample Date		03 Apr 2024	17 Jul 2024		27 Nov 2024			01 May 2024			01 May 20					
Sample Name		ID-ST3-040324	KN-ST1-071724		CCO-112724-1			MKJ-050124-1			MKJ-05012					
Sample Method		SedTrap	SedTrap		Grab-Manual			Grab-Manual			Grab-Manu					
Location Type		Active SPU Sed Trap	Active SPU Sed Trap		Inline			Inline			Inline					
Outfall		SW Idaho St SD	SW Kenny St SD/T115 CSO		S Brighton St SD			Diagonal Ave S CSO/SD			S River St					
Analyte	Unit	SQS/LAET	CSL/2LAET	Qualifier	Detected	Result	Qualifier	Detected	Result	Qualifier	Detected	Result	Qualifier			
1,2,4-Trichlorobenzene	ug/kg	31	51	U	N	299	U	N	83.2	U	N	620	U	N	500	U
1,2-Dichlorobenzene	ug/kg	35	50	U	N	299	U	N	83.2	U	N	620	U	N	500	U
1,3-Dichlorobenzene	ug/kg			U	N	299	U	N	83.2	U	N	620	U	N	500	U
1,4-Dichlorobenzene	ug/kg	110	110	U	N	299	U	N	83.2	U	N	620	U	N	500	U
1-Methylnaphthalene	ug/kg			J	Y	299	U	N	83.2	U	N	620	U	N	500	U
2,2'-Oxybis(1-chloropropane)	ug/kg			U	N	299	U	N	83.2	U	N	620	U	N	500	U
2,4,5-Trichlorophenol	ug/kg			U	N	1490	U	N	416	U	N	3100	U	N	2500	U
2,4,6-Trichlorophenol	ug/kg			U	N	1490	U	N	416	U	N	3100	U	N	2500	U
2,4-Dichlorophenol	ug/kg			U	N	1490	U	N	416	U	N	3100	U	N	2500	U
2,4-Dimethylphenol	ug/kg	29	29	U	N	1490	U	N	416	U	N	3100	U	N	2500	U
2,4-Dinitrophenol	ug/kg			U	N	2990	U	N	2080	U	N	12400	U	N	10000	U
2,4-Dinitrotoluene	ug/kg			U	N	1490	U	N	416	U	N	3100	U	N	2500	U
2,6-Dinitrotoluene	ug/kg			U	N	1490	U	N	416	U	N	3100	U	N	2500	U
2-Chloronaphthalene	ug/kg			U	N	299	U	N	83.2	U	N	620	U	N	500	U
2-Chlorophenol	ug/kg			U	N	299	U	N	83.2	U	N	620	U	N	500	U
2-Methylnaphthalene	ug/kg	670	670	J	Y	299	U	N	83.2	U	N	620	U	N	500	U
2-Methylphenol	ug/kg	63	63	U	N	299	U	N	83.2	U	N	620	U	N	500	U
2-Nitroaniline	ug/kg			U	N	1490	U	N	416	U	N	3100	U	N	2500	U
2-Nitrophenol	ug/kg			U	N	299	U	N	83.2	U	N	620	U	N	500	U
3,3'-Dichlorobenzidine	ug/kg			U	N	1490	U	N	416	U	N	3100	U	N	2500	U
3-Nitroaniline	ug/kg			U	N	1490	U	N	416	U	N	3100	U	N	2500	U
4,6-Dinitro-2-Methylphenol	ug/kg			U	N	2990	U	N	832	U	N	6200	U	N	5000	U
4-Bromophenyl phenyl ether	ug/kg			U	N	299	U	N	83.2	U	N	620	U	N	500	U
4-Chloro-3-Methylphenol	ug/kg			U	N	1490	U	N	416	U	N	3100	U	N	2500	U
4-Chloroaniline	ug/kg			U	N	1490	U	N	416	U	N	3100	U	N	2500	U
4-Chlorophenyl Phenylether	ug/kg			U	N	746	U	N	208	U	N	1550	U	N	1250	U
4-Methylphenol	ug/kg	670	670		Y	399		Y	83.2	U	N	1770		Y	500	U
4-Nitroaniline	ug/kg			U	N	1490	U	N	416	U	N	3100	U	N	2500	U
4-Nitrophenol	ug/kg			U	N	1490	U	N	416	U	N	3100	U	N	2500	U
Acenaphthene	ug/kg	500	500	J	Y	299	U	N	83.2	U	N	620	U	N	500	U
Acenaphthylene	ug/kg	1300	1300	U	N	299	U	N	83.2	U	N	620	U	N	500	U
Anthracene	ug/kg	960	960	J	Y	299	U	N	83.2	U	N	620	U	N	303	J
Aroclor 1016	ug/kg			U	N	29.9	U	N	19.9	U	N	19.9	U	N	99.6	U
Aroclor 1221	ug/kg			U	N	29.9	U	N	19.9	U	N	19.9	U	N	99.6	U
Aroclor 1232	ug/kg			U	N	29.9	U	N	19.9	U	N	19.9	U	N	99.6	U
Aroclor 1242	ug/kg			U	N	29.9	U	N	19.9	U	N	19.9	U	N	99.6	U
Aroclor 1248	ug/kg			U	N	29.9	U	N	19.9	U	N	108	J	Y	99.6	U
Aroclor 1254	ug/kg			U	N	177	U	Y	19.9	U	N	106	J	Y	99.6	U
Aroclor 1260	ug/kg			U	N	80	U	Y	19.9	U	N	194	J	Y	99.6	U
Arsenic	mg/kg	57	93		Y	45.2		Y	18.7		Y	17		Y	12	
Benzo(A)anthracene	ug/kg	1300	1600	J	Y	199	J	Y	83.2	U	N	620	U	N	1510	
Benzo(A)pyrene	ug/kg	1600	1600	J	Y	347		Y	83.2	U	N	620	U	N	999	
Benzo(G,H,I)perylene	ug/kg	670	720	J	Y	303		Y	83.2	U	N	620	U	N	500	
Benzo(a)fluoranthene, Total	ug/kg	3200	3600		Y	1480		Y	166	U	N	1240	U	N	2870	
Benzoic acid	ug/kg	650	650		Y	2990	U	N	832	U	N	12400	U	N	10000	U
Benzyl alcohol	ug/kg	57	73		Y	733		Y	83.2	U	N	620	U	N	500	U
bis(2-Chloroethoxy) methane	ug/kg			U	N	299	U	N	83.2	U	N	620	U	N	500	U
Bis-(2-chloroethyl) ether	ug/kg			U	N	746	U	N	208	U	N	1550	U	N	1250	U
Bis(2-ethylhexyl)phthalate	ug/kg	1300	1900		Y	4270		Y	208	U	N	5860		Y	5790	
Butylbenzylphthalate	ug/kg	63	900	U	N	218	J	Y	44.3	J	Y	418	J	Y	500	U
Carbazole	ug/kg			U	N	299	U	N	83.2	U	N	620	U	N	500	U
Chrysene	ug/kg	1400	2800		Y	658		Y	83.2	U	N	514	J	Y	1960	
Coarse Sand	%				Y	1.5		Y	8.7		Y	3.3		Y	8.4	
Copper	mg/kg	390	390		Y	108		Y	43.7		Y	233		Y	86.7	
cPAH	ug/kg		100	J	Y	596.23	J	Y	75.276	U	N	563.14	J	Y	1581.6	
Dibenzo(A,H)anthracene	ug/kg	230	230	U	N	299	U	N	83.2	U	N	620	U	N	500	U
Dibenzofuran	ug/kg	540	540	U	N	299	U	N	83.2	U	N	620	U	N	500	U
Diesel Range (S&A Cleaned)	mg/kg	2000	2000	U	N	784		Y	59.1		Y	1030		Y	843	
Diesel Range Hydrocarbons	mg/kg	2000	2000													
Diethylphthalate	ug/kg	200	1200	U	N	746	U	N	208	U	N	1550	U	N	1250	U
Dimethylphthalate	ug/kg	71	160	U	N	299	U	N	83.2	U	N	620	U	N	314	J
Di-N-Butylphthalate	ug/kg	1400	1400	U	N	299	U	N	83.2	U	N	620	U	N	500	U
Di-N-Octylphthalate	ug/kg	6200	6200	U	N	592	U	Y	83.2	U	N	620	U	N	500	U
Fine Gravel	%				Y	0.1	U	N	4.2		Y	0.6		Y	0.1	
Fine Sand	%				Y	2		Y	1.4		Y	5.7		Y	7.3	
Fluoranthene	ug/kg	1700	2500		Y	712		Y	83.2	U	N	953		Y	8140	
Fluorene	ug/kg	540	540	U	N	299	U	N	83.2	U	N	620	U	N	500	U
Hexachlorobenzene	ug/kg	22	70	U	N	299	U	N	83.2	U	N	620	U	N	500	U
Hexachlorobutadiene	ug/kg	11	120	U	N	299	U	N	83.2	U	N	620	U	N	500	U
Hexachlorocyclopentadiene	ug/kg			U	N	1490	U	N	1040	U	N	3100	U	N	2500	U
Hexachloroethane	ug/kg			U	N	299	U	N	83.2	U	N	620	U	N	500	U
HPAH	ug/kg	12000	17000	J	Y	4572	J	Y	83.2	U	N	2617	J	Y	23539	
Indeno(1,2,3-Cd)pyrene	ug/kg	600	690	U	N	299	U	N	83.2	U	N	620	U	N	500	U
Isophorone	ug/kg			U	N	299	U	N	83.2	U	N	620	U	N	500	U
Lead	mg/kg	450	530		Y	66.4		Y	23.3		Y	161		Y	65.4	
LPAH	ug/kg	5200	5200	J	Y	325		Y	83.2	U	N	323	J	Y	607	J
Medium Sand	%				Y	1.4		Y	7.2		Y	5.3		Y	18.5	
Mercury	mg/kg	0.41	0.59		Y	0.198		Y	0.0219	J	Y	0.459		Y	0.0876	
Motor Oil (S&A Cleaned)	mg/kg	2000	2000		Y	3600		Y	315		Y	4800		Y	3760	
Motor Oil Range	mg/kg	2000	2000													
Naphthalene	ug/kg	2100	2100		Y	299	U	N	83.2	U	N	620	U	N	500	U
Nitrobenzene	ug/kg			U	N	299	U	N	83.2	U	N	620	U	N	500	U
N-Nitroso-Di-N-Propylamine	ug/kg			U	N	299	U	N	83.2	U	N	620	U	N	500	U
N-Nitrosodiphenylamine	ug/kg	28	40	U	N	299	U	N	83.2	U	N	620	U	N	500	U
Pentachlorophenol	ug/kg	360	690	J	Y	1490	U	N	1040	U	N	6200	U	N	5000	U
Phenanthrene	ug/kg	1500	1500		Y	325		Y	83.2	U	N	323	J	Y	304	J
Phenol	ug/kg	420	1200		Y	299	U	N	83.2	U	N	620	U	N	500	U
Polychlorinated Biphenyls	ug/kg	130	1000	U	N	257		Y	19.9	U	N	408	J	Y	99.6	
Pyrene	ug/kg	2600	3300		Y	873		Y	83.2	U	N	1150		Y	7560	
Solids, Total	%				Y	36.38		Y	86.79		Y	33.35		Y	49.74	
Total Organic Carbon	%				Y	13.1		Y	0.26		Y	17.6	J	Y	6.27	J
Very Coarse Sand	%				Y	1.1		Y	9		Y	3.3		Y	3.2	
Very Fine Sand	%				Y	6.6		Y	0.3		Y	10.9		Y	8.5	
Zinc	mg/kg	410	960		Y	714		Y	216		Y	862		Y	445	

Lab Analytical Codes: Y = Detected; N = Not Detected; U = Not detected at the level noted; J = Estimated Concentration

Analyte	Unit	Location			MH23			MH23			MH38			MH47		
		SQS/LAET	CSL/2LAET	Detected	Result	Qualifier	Detected									
1,2,4-Trichlorobenzene	ug/kg	31	51	N	2960	U	N	3560	U	N	120	U	N	19.9	U	N
1,2-Dichlorobenzene	ug/kg	35	50	N	2960	U	N	3560	U	N	120	U	N	19.9	U	N
1,3-Dichlorobenzene	ug/kg			N	2960	U	N	3560	U	N	120	U	N	19.9	U	N
1,4-Dichlorobenzene	ug/kg	110	110	N	2960	U	N	3560	U	N	120	U	N	19.9	U	N
1-Methylnaphthalene	ug/kg			N	2960	U	N	3560	U	N	120	U	N	51	J	Y
2,2'-Oxybis(1-chloropropane)	ug/kg			N	2960	U	N	3560	U	N	120	U	N	19.9	U	N
2,4,5-Trichlorophenol	ug/kg			N	14800	U	N	17800	U	N	600	U	N	99.6	U	N
2,4,6-Trichlorophenol	ug/kg			N	14800	U	N	17800	U	N	600	U	N	99.6	U	N
2,4-Dichlorophenol	ug/kg			N	14800	U	N	17800	U	N	600	U	N	99.6	U	N
2,4-Dimethylphenol	ug/kg	29	29	N	14800	U	N	17800	U	N	600	U	N			
2,4-Dinitrophenol	ug/kg			N	29600	U	N	71300	U	N	3000	U	N	199	U	N
2,4-Dinitrotoluene	ug/kg			N	14800	U	N	17800	U	N	600	U	N	99.6	U	N
2,6-Dinitrotoluene	ug/kg			N	14800	U	N	17800	U	N	600	U	N	99.6	U	N
2-Chloronaphthalene	ug/kg			N	2960	U	N	3560	U	N	120	U	N	19.9	U	N
2-Chlorophenol	ug/kg			N	2960	U	N	3560	U	N	120	U	N	19.9	U	N
2-Methylnaphthalene	ug/kg	670	670	N	1730	J	Y	3560	U	N	120	U	N	75.2	J	Y
2-Methylphenol	ug/kg	63	63	N	2960	U	N	3560	U	N	120	U	N	11.1	J	Y
2-Nitroaniline	ug/kg			N	14800	U	N	17800	U	N	600	U	N	99.6	U	N
2-Nitrophenol	ug/kg			N	2960	U	N	3560	U	N	120	U	N	19.9	U	N
3,3'-Dichlorobenzidine	ug/kg			N	14800	U	N	17800	U	N	600	U	N			
3-Nitroaniline	ug/kg			N	14800	U	N	17800	U	N	600	U	N	99.6	U	N
4,6-Dinitro-2-Methylphenol	ug/kg			N	29600	U	N	35600	U	N	1200	U	N	199	U	N
4-Bromophenyl phenyl ether	ug/kg			N	2960	U	N	3560	U	N	120	U	N	19.9	U	N
4-Chloro-3-Methylphenol	ug/kg			N	14800	U	N	17800	U	N	600	U	N	99.6	U	N
4-Chloroaniline	ug/kg			N	14800	U	N	17800	U	N				99.6	U	N
4-Chlorophenyl Phenylether	ug/kg			N	7400	U	N	8910	U	N	300	U	N	49.8	U	N
4-Methylphenol	ug/kg	670	670	N	4030	Y	Y	11000	Y	Y	111	J	Y	32.8	J	Y
4-Nitroaniline	ug/kg			N	14800	U	N	17800	U	N	600	U	N	99.6	U	N
4-Nitrophenol	ug/kg			N	14800	U	N	17800	U	N	600	U	N	99.6	U	N
Acenaphthene	ug/kg	500	500	N	4740	Y	Y	5740	Y	Y	120	U	N	29.9	J	Y
Acenaphthylene	ug/kg	1300	1300	N	2960	U	N	3560	U	N	120	U	N	19.9	U	N
Anthracene	ug/kg	960	960	Y	15600	Y	Y	18900	Y	Y	120	U	N	106	J	Y
Aroclor 1016	ug/kg			N	185	U	N	178	U	N	36	U	N	100	U	N
Aroclor 1221	ug/kg			N	185	U	N	178	U	N	36	U	N	100	U	N
Aroclor 1232	ug/kg			N	185	U	N	178	U	N	36	U	N	100	U	N
Aroclor 1242	ug/kg			N	185	U	N	178	U	N	36	U	N	100	U	N
Aroclor 1248	ug/kg			N	185	U	N	178	U	N	36	U	N	100	U	N
Aroclor 1254	ug/kg			N	217	Y	Y	178	U	N	36	U	N	100	U	N
Aroclor 1260	ug/kg			N	222	Y	Y	178	U	N	36	U	N	100	U	N
Arsenic	mg/kg	57	93	Y	7.99	J	Y	8.82	J	Y	4.99	J	Y	4.89	J	Y
Benzo(A)anthracene	ug/kg	1300	1600	Y	44500	Y	Y	48100	Y	Y	120	U	N	2270	J	Y
Benzo(A)pyrene	ug/kg	1600	1600	Y	44400	Y	Y	44600	Y	Y	120	U	N	2350	J	Y
Benzo(G,H,I)perylene	ug/kg	670	720	Y	24900	Y	Y	20300	Y	Y	120	U	N	886	J	Y
Benzo(a)fluoranthene, Total	ug/kg	3200	3600	Y	69500	Y	Y	96300	Y	Y	240	U	N	8140	J	Y
Benzoic acid	ug/kg	650	650	N	29600	U	N	71300	U	N	1200	U	N	1120	J	Y
Benzyl alcohol	ug/kg	57	73	N	2960	U	N	3560	U	N	120	U	N	646	J	Y
bis(2-Chloroethoxy) methane	ug/kg			N	2960	U	N	3560	U	N	120	U	N	19.9	U	N
Bis-(2-chloroethyl) ether	ug/kg			N	7400	U	N	8910	U	N	300	U	N	49.8	U	N
Bis(2-ethylhexyl)phthalate	ug/kg	1300	1900	Y	13600	Y	Y	20100	Y	Y	4580	Y	Y	466	J	Y
Butylbenzylphthalate	ug/kg	63	900	N	2960	U	N	3560	U	N	255	Y	Y	28.6	J	Y
Carbazole	ug/kg			N	9930	Y	Y	18100	Y	Y	120	U	N	125	J	Y
Chrysene	ug/kg	1400	2800	Y	46000	Y	Y	51900	Y	Y	105	J	Y	3810	J	Y
Coarse Sand	%			Y	3.1	Y	Y	4	Y	Y	9.7	Y	Y	8.7	Y	Y
Copper	mg/kg	390	390	Y	161	Y	Y	193	Y	Y	84.6	Y	Y	52.9	Y	Y
cPAH	ug/kg		100	Y	68382	Y	Y	63657	Y	Y	109.05	J	Y	3622.1	J	Y
Dibenzo(A,H)anthracene	ug/kg	230	230	N	6730	Y	Y	5920	Y	Y	120	U	N	292	J	Y
Dibenzofuran	ug/kg	540	540	N	2960	U	N	3560	U	N	120	U	N	47.7	J	Y
Diesel Range (S&A Cleaned)	mg/kg	2000	2000	Y	1920	Y	Y	1810	Y	Y	840	Y	Y	43.2	Y	Y
Diesel Range Hydrocarbons	mg/kg	2000	2000													
Diethylphthalate	ug/kg	200	1200	N	7400	U	N	8910	U	N	300	U	N	49.8	U	N
Dimethylphthalate	ug/kg	71	160	Y	2960	U	N	3560	U	N	89.3	J	Y	19.9	U	N
Di-N-Butylphthalate	ug/kg	1400	1400	N	2960	U	N	3560	U	N	120	U	N	24.8	J	Y
Di-N-Octylphthalate	ug/kg	6200	6200	N	2960	U	N	3560	U	N	120	U	N	19.9	U	N
Fine Gravel	%			Y	0.6	Y	Y	0.4	Y	Y	0.2	Y	Y	1.2	Y	Y
Fine Sand	%			Y	2.6	Y	Y	3.6	Y	Y	12.2	Y	Y	12.2	Y	Y
Fluoranthene	ug/kg	1700	2500	Y	106000	Y	Y	195000	Y	Y	231	Y	Y	3600	J	Y
Fluorene	ug/kg	540	540	N	5390	Y	Y	5930	Y	Y	120	U	N	19.9	U	N
Hexachlorobenzene	ug/kg	22	70	N	2960	U	N	3560	U	N	120	U	N	19.9	U	N
Hexachlorobutadiene	ug/kg	11	120	N	2960	U	N	3560	U	N	120	U	N	19.9	U	N
Hexachlorocyclopentadiene	ug/kg			N	14800	U	N	17800	U	N	1500	U	N	99.6	U	N
Hexachloroethane	ug/kg			N	2960	U	N	3560	U	N	120	U	N	19.9	U	N
HPAH	ug/kg	12000	17000	Y	444730	Y	Y	632420	Y	Y	676	J	Y	24680	J	Y
Indeno(1,2,3-Cd)pyrene	ug/kg	600	690	N	22700	Y	Y	17300	Y	Y	120	U	N	762	J	Y
Isophorone	ug/kg			N	2960	U	N	3560	U	N	120	U	N	19.9	U	N
Lead	mg/kg	450	530	Y	110	Y	Y	178	Y	Y	17.8	Y	Y	62.8	Y	Y
LPAH	ug/kg	5200	5200	Y	97400	J	Y	98770	Y	Y	167	Y	Y	1103.9	J	Y
Medium Sand	%			Y	2.9	Y	Y	6.9	Y	Y	19.6	Y	Y	21.7	Y	Y
Mercury	mg/kg	0.41	0.59	Y	0.178	Y	Y	0.126	Y	Y	0.013	J	Y	0.0225	J	Y
Motor Oil (S&A Cleaned)	mg/kg	2000	2000	Y	10700	Y	Y	9600	Y	Y	4940	Y	Y	223	Y	Y
Motor Oil Range	mg/kg	2000	2000													
Naphthalene	ug/kg	2100	2100	N	1670	J	Y	3560	U	N	120	U	N	111	J	Y
Nitrobenzene	ug/kg			N	2960	U	N	3560	U	N	120	U	N	19.9	U	N
N-Nitroso-Di-N-Propylamine	ug/kg			N	2960	U	N	3560	U	N	120	U	N	19.9	U	N
N-Nitrosodiphenylamine	ug/kg	28	40	N	2960	U	N	3560	U	N	154	Y	Y	19.9	U	N
Pentachlorophenol	ug/kg	360	690	N	14800	U	N	17800	U	N	1500	U	N	99.6	U	N
Phenanthrene	ug/kg	1500	1500	Y	70000	Y	Y	68200	Y	Y	167	Y	Y	857	J	Y
Phenol	ug/kg	420	1													

Analyte	Unit	Location		MH86			MH87			MH88			MH89			0 M G
		SQS/LAET	CSL/2LAET	08 Nov 2024	06 Feb 2024	15 Mar 2024	25 Mar 2024	Result	Qualifier	Detected	Result	Qualifier	Detected	Result	Qualifier	
				CCO-110824-1	MKJ-020624-3	CCO-031524-1	CCO-032524-5									
				Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual									
				Inline	Inline	Inline	Inline									
				1st Ave S SD (east)	1st Ave S SD (west)	Norfolk St CSO/PS17 EOF/S	1st Ave S SD (west)									
				Outfall												
1,2,4-Trichlorobenzene	ug/kg	31	51	254	U	N				18.5	U	N				567
1,2-Dichlorobenzene	ug/kg	35	50	254	U	N				18.5	U	N				567
1,3-Dichlorobenzene	ug/kg			254	U	N				18.5	U	N				567
1,4-Dichlorobenzene	ug/kg	110	110	254	U	N				18.5	U	N				567
1-Methylnaphthalene	ug/kg			254	U	N				61.8		Y				567
2,2'-Oxybis(1-chloropropane)	ug/kg			254	U	N				18.5	U	N				567
2,4,5-Trichlorophenol	ug/kg			1270	U	N				92.5	U	N				2840
2,4,6-Trichlorophenol	ug/kg			1270	U	N				92.5	U	N				2840
2,4-Dichlorophenol	ug/kg			1270	U	N				92.5	U	N				2840
2,4-Dimethylphenol	ug/kg	29	29	1270	U	N										2840
2,4-Dinitrophenol	ug/kg			2540	U	N				185	U	N				11300
2,4-Dinitrotoluene	ug/kg			1270	U	N				92.5	U	N				2840
2,6-Dinitrotoluene	ug/kg			1270	U	N				92.5	U	N				2840
2-Chloronaphthalene	ug/kg			254	U	N				18.5	U	N				567
2-Chlorophenol	ug/kg			254	U	N				18.5	U	N				567
2-Methylnaphthalene	ug/kg	670	670	254	U	N				121		Y				567
2-Methylphenol	ug/kg	63	63	254	U	N				18.5	U	N				567
2-Nitroaniline	ug/kg			1270	U	N				92.5	U	N				2840
2-Nitrophenol	ug/kg			254	U	N				18.5	U	N				567
3,3'-Dichlorobenzidine	ug/kg			1270	U	N				92.5	U	N				2840
3-Nitroaniline	ug/kg			1270	U	N				92.5	U	N				2840
4,6-Dinitro-2-Methylphenol	ug/kg			2540	U	N				185	U	N				5670
4-Bromophenyl phenyl ether	ug/kg			254	U	N				18.5	U	N				567
4-Chloro-3-Methylphenol	ug/kg			1270	U	N				92.5	U	N				2840
4-Chloroaniline	ug/kg									92.5	U	N				2840
4-Chlorophenyl Phenylether	ug/kg			634	U	N				46.3	U	N				1420
4-Methylphenol	ug/kg	670	670	254	U	N				20.6		Y				1520
4-Nitroaniline	ug/kg			1270	U	N				92.5	U	N				2840
4-Nitrophenol	ug/kg			1270	U	N				92.5	U	N				2840
Acenaphthene	ug/kg	500	500	254	U	N				56.8		Y				567
Acenaphthylene	ug/kg	1300	1300	254	U	N				45		Y				567
Anthracene	ug/kg	960	960	254	U	N				76.3		Y				567
Aroclor 1016	ug/kg			25.4	U	N	90.7	U	N	17.2	U	N	95.4	U	N	99.7
Aroclor 1221	ug/kg			25.4	U	N	90.7	U	N	17.2	U	N	95.4	U	N	99.7
Aroclor 1232	ug/kg			25.4	U	N	90.7	U	N	17.2	U	N	95.4	U	N	99.7
Aroclor 1242	ug/kg			25.4	U	N	90.7	U	N	17.2	U	N	95.4	U	N	99.7
Aroclor 1248	ug/kg			25.4	U	N	90.7	U	N	17.2	U	N	95.4	U	N	99.7
Aroclor 1254	ug/kg			70.6	J	Y	90.7	U	N	17.2	U	N	95.4	U	N	99.7
Aroclor 1260	ug/kg			51.8	J	Y	90.7	U	N	378		Y	95.4	U	N	99.7
Arsenic	mg/kg	57	93	10.3	J	Y				24.7		Y				8.78
Benzo(A)anthracene	ug/kg	1300	1600	256		Y				254		Y				675
Benzo(A)pyrene	ug/kg	1600	1600	296		Y				388		Y				609
Benzo(G,H,I)perylene	ug/kg	670	720	482		Y				340		Y				720
Benzo(a)fluoranthene, Total	ug/kg	3200	3600	620		Y				1030		Y				1910
Benzoic acid	ug/kg	650	650	2540	U	N				336		Y				11300
Benzyl alcohol	ug/kg	57	73	254	U	N				30.5		Y				567
bis(2-Chloroethoxy) methane	ug/kg			254	U	N				18.5	U	N				567
Bis-(2-chloroethyl) ether	ug/kg			634	U	N				46.3	U	N				1420
Bis(2-ethylhexyl)phthalate	ug/kg	1300	1900	5840		Y				1050		Y				9960
Butylbenzylphthalate	ug/kg	63	900	428		Y				394		Y				567
Carbazole	ug/kg			254	U	N				91.7		Y				567
Chrysene	ug/kg	1400	2800	580		Y				445		Y				1070
Coarse Sand	%			3.2		Y				15.4		Y				5.5
Copper	mg/kg	390	390	215		Y				131		Y				100
cPAH	ug/kg		100	452.9		Y				552.55		Y				1019.95
Dibenzo(A,H)anthracene	ug/kg	230	230	254	U	N				18.5	U	N				567
Dibenzofuran	ug/kg	540	540	254	U	N				86.4		Y				567
Diesel Range (S&A Cleaned)	mg/kg	2000	2000	358		Y				693		Y				826
Diesel Range Hydrocarbons	mg/kg	2000	2000													
Diethylphthalate	ug/kg	200	1200	634	U	N				61		Y				1420
Dimethylphthalate	ug/kg	71	160	254	U	N				362		Y				567
Di-N-Butylphthalate	ug/kg	1400	1400	254	U	N				255		Y				567
Di-N-Octylphthalate	ug/kg	6200	6200	254	U	N				18.5	U	N				567
Fine Gravel	%			0.1	U	N				2.8		Y				0.1
Fine Sand	%			4.5		Y				1.7		Y				4.3
Fluoranthene	ug/kg	1700	2500	783		Y				1250		Y				2740
Fluorene	ug/kg	540	540	254	U	N				18.5	U	N				567
Hexachlorobenzene	ug/kg	22	70	254	U	N				18.5	U	N				567
Hexachlorobutadiene	ug/kg	11	120	254	U	N				18.5	U	N				567
Hexachlorocyclopentadiene	ug/kg			1270	U	N				92.5	U	N				2840
Hexachloroethane	ug/kg			254	U	N				18.5	U	N				567
HPAH	ug/kg	12000	17000	4047		Y				5117		Y				10204
Indeno(1,2,3-Cd)pyrene	ug/kg	600	690	254	U	N				280		Y				567
Isophorone	ug/kg			254	U	N				18.5	U	N				567
Lead	mg/kg	450	530	139		Y				155		Y				50.6
LPAH	ug/kg	5200	5200	642		Y				866.1		Y				617
Medium Sand	%			3.6		Y				13.6		Y				7.2
Mercury	mg/kg	0.41	0.59	0.174		Y				0.326		Y				0.121
Motor Oil (S&A Cleaned)	mg/kg	2000	2000	2890		Y				3660		Y				5410
Motor Oil Range	mg/kg	2000	2000													
Naphthalene	ug/kg	2100	2100	254	U	N				283		Y				567
Nitrobenzene	ug/kg			254	U	N				18.5	U	N				567
N-Nitroso-Di-N-Propylamine	ug/kg			254	U	N				18.5	U	N				567
N-Nitrosodiphenylamine	ug/kg	28	40	254	U	N				18.5	U	N				567
Pentachlorophenol	ug/kg	360	690	1270	U	N				92.5	U	N				2840
Phenanthrene	ug/kg	1500	1500	642		Y				405		Y				617
Phenol	ug/kg	420	1200	254	U	N				18.5	U	N				567
Polychlorinated Biphenyls	ug/kg	130	1000	122.4	J	Y	90.7	U	N	378		Y	95.4	U	N	99.7
Pyrene	ug/kg	2600	3300	1030		Y				1130		Y				2480
Solids, Total	%			39.41		Y				58.05		Y				44.66
Total Organic Carbon	%			9.92		Y				2.93	J	Y				19
Very Coarse Sand	%			1.9		Y				6.9		Y				6.3
Very Fine Sand	%			10.7		Y				1.2		Y				11
Zinc	mg/kg	410	960	1300		Y				688		Y				736

Lab Analytical Codes: Y = Detected; N = Not Detected; U = Not detected at the level noted; J = Estimated Concentration

Analyte	Unit	Location		MH90		MH91		MYR-ST1			NST3			Result						
		SQS/LAET	CSL/2LAET	Sample Date	Sample Name	Sample Method	Location Type	Sample Date	Sample Name	Sample Method	Location Type	Sample Date	Sample Name		Sample Method	Location Type				
				1 May 2024	KJ-050124-2	Grab-Manual	Inline	08 Nov 2024	CCO-110824-2	Grab-Manual	Inline	17 Jun 2024	MYR-ST1-061724	SedTrap	Inline w/Active SPU Sed Trap	08 Nov 2024	NST3-110824	SedTrap	Inline w/Active SPU Sed Trap	Inline
				Outfall	SOC SD			1st Ave S SD (west)				S Myrtle St SD			S Norfolk St CSO/PS17 EOF/SD				S Norfo	
				Qualifier	Detected	Result	Qualifier	Detected	Result	Qualifier	Detected	Result	Qualifier	Detected	Result	Qualifier	Detected	Result		
1,2,4-Trichlorobenzene	ug/kg	31	51	U	N	294	U	N	99.8	U	N	165	U	N	44.5					
1,2-Dichlorobenzene	ug/kg	35	50	U	N	294	U	N	99.8	U	N	165	U	N	44.5					
1,3-Dichlorobenzene	ug/kg			U	N	294	U	N	99.8	U	N	165	U	N	44.5					
1,4-Dichlorobenzene	ug/kg	110	110	U	N	294	U	N	99.8	U	N	165	U	N	44.5					
1-Methylnaphthalene	ug/kg			U	N	294	U	N	94.7	J	Y	165	U	N	19.6					
2,2'-Oxybis(1-chloropropane)	ug/kg			U	N	294	U	N	99.8	U	N	165	U	N	44.5					
2,4,5-Trichlorophenol	ug/kg			U	N	1470	U	N	499	U	N	824	U	N	223					
2,4,6-Trichlorophenol	ug/kg			U	N	1470	U	N	499	U	N	824	U	N	223					
2,4-Dichlorophenol	ug/kg			U	N	1470	U	N	499	U	N	824	U	N	223					
2,4-Dimethylphenol	ug/kg	29	29	U	N	1470	U	N	499	U	N	824	U	N						
2,4-Dinitrophenol	ug/kg			U	N	2940	U	N	998	U	N	1650	U	N	445					
2,4-Dinitrotoluene	ug/kg			U	N	1470	U	N	499	U	N	824	U	N	223					
2,6-Dinitrotoluene	ug/kg			U	N	1470	U	N	499	U	N	824	U	N	223					
2-Chloronaphthalene	ug/kg			U	N	294	U	N	99.8	U	N	165	U	N	44.5					
2-Chlorophenol	ug/kg			U	N	294	U	N	99.8	U	N	165	U	N	44.5					
2-Methylnaphthalene	ug/kg	670	670	U	N	294	U	N	173		Y	165	U	N	44.7					
2-Methylphenol	ug/kg	63	63	U	N	294	U	N	99.8	U	N	165	U	N	44.5					
2-Nitroaniline	ug/kg			U	N	1470	U	N	499	U	N	824	U	N	223					
2-Nitrophenol	ug/kg			U	N	294	U	N	99.8	U	N	165	U	N	44.5					
3,3'-Dichlorobenzidine	ug/kg			U	N	1470	U	N	499	U	N	824	U	N	223					
3-Nitroaniline	ug/kg			U	N	1470	U	N	499	U	N	824	U	N	223					
4,6-Dinitro-2-Methylphenol	ug/kg			U	N	2940	U	N	998	U	N	1650	U	N	445					
4-Bromophenyl phenyl ether	ug/kg			U	N	294	U	N	99.8	U	N	165	U	N	44.5					
4-Chloro-3-Methylphenol	ug/kg			U	N	1470	U	N	499	U	N	824	U	N	223					
4-Chloroaniline	ug/kg			U	N				499	U	N				223					
4-Chlorophenyl Phenylether	ug/kg			U	N	735	U	N	250	U	N	412	U	N	111					
4-Methylphenol	ug/kg	670	670		Y	294	U	N	246		Y	165	U	N	135					
4-Nitroaniline	ug/kg			U	N	1470	U	N	499	U	N	824	U	N	223					
4-Nitrophenol	ug/kg			U	N	1470	U	N	499	U	N	824	U	N	223					
Acenaphthene	ug/kg	500	500	U	N	294	U	N	99.8	U	N	165	U	N	44.5					
Acenaphthylene	ug/kg	1300	1300	U	N	294	U	N	99.8	U	N	165	U	N	28.2					
Anthracene	ug/kg	960	960	U	N	294	U	N	88.2	J	Y	165	U	N	90.3					
Aroclor 1016	ug/kg			U	N	29.4	U	N	19.9	U	N	20	U	N	44.5					
Aroclor 1221	ug/kg			U	N	29.4	U	N	19.9	U	N	20	U	N	44.5					
Aroclor 1232	ug/kg			U	N	29.4	U	N	19.9	U	N	20	U	N	44.5					
Aroclor 1242	ug/kg			U	N	29.4	U	N	19.9	U	N	20	U	N	44.5					
Aroclor 1248	ug/kg			U	N	29.4	U	N	729	J	Y	20	U	N	44.5					
Aroclor 1254	ug/kg			U	N	71.3	J	Y	674	J	Y	20	U	N	44.5					
Aroclor 1260	ug/kg			U	N	48.1	J	Y	208	J	Y	20	U	N	60.7					
Arsenic	mg/kg	57	93	J	Y	10.2	J	Y	16.7		Y	4.01	J	Y	20.7					
Benzo(A)anthracene	ug/kg	1300	1600		Y	372		Y	262		Y	132	J	Y	113					
Benzo(A)pyrene	ug/kg	1600	1600		Y	530		Y	319		Y	247		Y	192					
Benzo(G,H,I)perylene	ug/kg	670	720		Y	683		Y	130		Y	293		Y	111					
Benzo(a)fluoranthene, Total	ug/kg	3200	3600		Y	983		Y	833		Y	488		Y	542					
Benzoic acid	ug/kg	650	650	U	N	2940	U	N	998	U	N	1650	U	N	649					
Benzyl alcohol	ug/kg	57	73	U	N	294	U	N	201		Y	165	U	N	447					
bis(2-Chloroethoxy) methane	ug/kg			U	N	294	U	N	99.8	U	N	165	U	N	44.5					
Bis-(2-chloroethyl) ether	ug/kg			U	N	735	U	N	250	U	N	412	U	N	111					
Bis(2-ethylhexyl)phthalate	ug/kg	1300	1900		Y	7120		Y	23900		Y	781		Y	366					
Butylbenzylphthalate	ug/kg	63	900	U	N	1170		Y	1570		Y	165	U	N	56					
Carbazole	ug/kg			U	N	294	U	N	64.2	J	Y	165	U	N	34.2					
Chrysene	ug/kg	1400	2800		Y	846		Y	598		Y	384		Y	317					
Coarse Sand	%				Y	12.9		Y	2.8		Y	17.3		Y						
Copper	mg/kg	390	390		Y	188		Y	1170		Y	55.2		Y	62.2					
cPAH	ug/kg		100		Y	766.66		Y	459.43		Y	365.34	J	Y	279.77					
Dibenzo(A,H)anthracene	ug/kg	230	230	U	N	294	U	N	99.8	U	N	165	U	N	44.5					
Dibenzofuran	ug/kg	540	540	U	N	294	U	N	99.8	U	N	165	U	N	44.5					
Diesel Range (S&A Cleaned)	mg/kg	2000	2000		Y	1280		Y	2710		Y	715		Y	340					
Diesel Range Hydrocarbons	mg/kg	2000	2000																	
Diethylphthalate	ug/kg	200	1200	U	N	735	U	N	250	U	N	412	U	N	590					
Dimethylphthalate	ug/kg	71	160	U	N	1110		Y	1410		Y	165	U	N	44.5					
Di-N-Butylphthalate	ug/kg	1400	1400	U	N	197	J	Y	830		Y	165	U	N	26.4					
Di-N-Octylphthalate	ug/kg	6200	6200	U	N	294	U	N	99.8	U	N	165	U	N	44.5					
Fine Gravel	%			U	N	0.8		Y	0.1		Y	3.1		Y						
Fine Sand	%				Y	12.4		Y	3.1		Y	4.4		Y						
Fluoranthene	ug/kg	1700	2500		Y	824		Y	853		Y	381		Y	265					
Fluorene	ug/kg	540	540	U	N	294	U	N	99.8	U	N	165	U	N	44.5					
Hexachlorobenzene	ug/kg	22	70	U	N	294	U	N	99.8	U	N	165	U	N	44.5					
Hexachlorobutadiene	ug/kg	11	120	U	N	294	U	N	99.8	U	N	165	U	N	44.5					
Hexachlorocyclopentadiene	ug/kg			U	N	1470	U	N	499	U	N	824	U	N	223					
Hexachloroethane	ug/kg			U	N	294	U	N	99.8	U	N	165	U	N	44.5					
HPAH	ug/kg	12000	17000		Y	5827		Y	4125		Y	2506	J	Y	1937					
Indeno(1,2,3-Cd)pyrene	ug/kg	600	690	U	N	339		Y	99.8	U	N	195		Y	102					
Isophorone	ug/kg			U	N	294	U	N	99.8	U	N	165	U	N	44.5					
Lead	mg/kg	450	530		Y	74.3		Y	648		Y	22.3		Y	141					
LPAH	ug/kg	5200	5200		Y	470		Y	748.2	J	Y	161	J	Y	327.7					
Medium Sand	%				Y	16.7		Y	4.2		Y	16.8		Y						
Mercury	mg/kg	0.41	0.59		Y	0.126		Y	27.2		Y	0.0224	J	Y	0.0907					
Motor Oil (S&A Cleaned)	mg/kg	2000	2000		Y	7100		Y	15000		Y	4610		Y	1510					
Motor Oil Range	mg/kg	2000	2000																	
Naphthalene	ug/kg	2100	2100	U	N	294	U	N	211		Y	165	U	N	82.2					
Nitrobenzene	ug/kg			U	N	294	U	N	99.8	U	N	165	U	N	44.5					
N-Nitroso-Di-N-Propylamine	ug/kg			U	N	294	U	N	99.8	U	N	165	U	N	44.5					
N-Nitrosodiphenylamine	ug/kg	28	40	U	N	294	U	N	99.8	U	N	165	U	N	44.5					
Pentachlorophenol	ug/kg	360	690	U	N	1470	U	N	499	U	N	824	U	N	223					
Phenanthrene	ug/kg	1500	1500		Y	470		Y	449		Y	161	J	Y	127					
Phenol	ug/kg	420	1200	U	N	294	U	N	639		Y	165	U	N	44.5					
Polychlorinated Biphenyls	ug/kg	130	1000		N	119.4	J	Y	1611	J	Y	20	U	N	60.7					
Pyrene	ug/kg	2600	3300		Y	1250		Y	1130		Y	386		Y	295					
Solids, Total	%				Y	34.03		Y	43.6		Y	60.67		Y	22.44					
Total Organic Carbon	%			J	Y	12.4		Y				4.72		Y	5.42					
Very Coarse Sand	%				Y	8.9		Y	1.2		Y	22.7		Y						
Very Fine Sand	%				Y	12.9		Y	6.1		Y	3.4		Y						
Zinc	mg/kg	410	960		Y	1330		Y	3920		Y	384		Y	199					

Lab Analytical Codes: Y = Detected; N = Not Detected; U = Not detected at the level noted; J = Estimated Concentration

Analyte	Unit	Location		NST4		NST5		ODS135			ODS136			M G	
		SQS/LAET	CSL/2LAET	15 Mar 2024 NST4-031524 SedTrap	w/Active SPU Sed Trap	15 Mar 2024 NST5-031524 SedTrap	Inline w/Active SPU Sed Trap	24 Jan 2024 MKJ-012424-6 Grab-Manual ODS	24 Jan 2024 MKJ-012424-7 Grab-Manual ODS	Result	Qualifier	Detected	Result		Qualifier
1,2,4-Trichlorobenzene	ug/kg	31	51	U	N	14.3	U	N							
1,2-Dichlorobenzene	ug/kg	35	50	U	N	14.3	U	N							
1,3-Dichlorobenzene	ug/kg			U	N	14.3	U	N							
1,4-Dichlorobenzene	ug/kg	110	110	U	N	14.3	U	N							
1-Methylnaphthalene	ug/kg			J	Y	5.3	J	Y							
2,2'-Oxybis(1-chloropropane)	ug/kg			U	N	14.3	U	N							
2,4,5-Trichlorophenol	ug/kg			U	N	71.3	U	N							
2,4,6-Trichlorophenol	ug/kg			U	N	71.3	U	N							
2,4-Dichlorophenol	ug/kg			U	N	71.3	U	N							
2,4-Dimethylphenol	ug/kg	29	29												
2,4-Dinitrophenol	ug/kg			U	N	143	U	N							
2,4-Dinitrotoluene	ug/kg			U	N	71.3	U	N							
2,6-Dinitrotoluene	ug/kg			U	N	71.3	U	N							
2-Chloronaphthalene	ug/kg			U	N	14.3	U	N							
2-Chlorophenol	ug/kg			U	N	14.3	U	N							
2-Methylnaphthalene	ug/kg	670	670		Y	13.7	J	Y							
2-Methylphenol	ug/kg	63	63	U	N	14.3	U	N							
2-Nitroaniline	ug/kg			U	N	71.3	U	N							
2-Nitrophenol	ug/kg			U	N	14.3	U	N							
3,3'-Dichlorobenzidine	ug/kg			U	N	71.3	U	N							
3-Nitroaniline	ug/kg			U	N	71.3	U	N							
4,6-Dinitro-2-Methylphenol	ug/kg			U	N	143	U	N							
4-Bromophenyl phenyl ether	ug/kg			U	N	14.3	U	N							
4-Chloro-3-Methylphenol	ug/kg			U	N	71.3	U	N							
4-Chloroaniline	ug/kg			U	N	71.3	U	N							
4-Chlorophenyl Phenylether	ug/kg			U	N	35.6	U	N							
4-Methylphenol	ug/kg	670	670		Y	6.9	J	Y							
4-Nitroaniline	ug/kg			U	N	71.3	U	N							
4-Nitrophenol	ug/kg			U	N	71.3	U	N							
Acenaphthene	ug/kg	500	500	U	N	14.3	U	N							
Acenaphthylene	ug/kg	1300	1300	J	Y	14.3	U	N							
Anthracene	ug/kg	960	960		Y	7.6	J	Y							
Aroclor 1016	ug/kg			UJ	N	14.2	U	N	20	U	N	20	U	N	99.9
Aroclor 1221	ug/kg			UJ	N	14.2	U	N	20	U	N	20	U	N	99.9
Aroclor 1232	ug/kg			UJ	N	14.2	U	N	20	U	N	20	U	N	99.9
Aroclor 1242	ug/kg			UJ	N	14.2	U	N	20	U	N	20	U	N	99.9
Aroclor 1248	ug/kg			UJ	N	14.2	U	N	20	U	N	20	U	N	99.9
Aroclor 1254	ug/kg			UJ	N	14.2	U	N	20	U	N	20	U	N	99.9
Aroclor 1260	ug/kg			J	Y	26.6		Y	560		Y	893		Y	1080
Arsenic	mg/kg	57	93	J	Y	5.96	J	Y							
Benzo(A)anthracene	ug/kg	1300	1600		Y	19		Y							
Benzo(A)pyrene	ug/kg	1600	1600		Y	43.3		Y							
Benzo(G,H,I)perylene	ug/kg	670	720		Y	24.8		Y							
Benzo(a)fluoranthene, Total	ug/kg	3200	3600		Y	130		Y							
Benzoic acid	ug/kg	650	650		Y	56.4	J	Y							
Benzyl alcohol	ug/kg	57	73		Y	21.6		Y							
bis(2-Chloroethoxy) methane	ug/kg			U	N	14.3	U	N							
Bis-(2-chloroethyl) ether	ug/kg			U	N	35.6	U	N							
Bis(2-ethylhexyl)phthalate	ug/kg	1300	1900		Y	171		Y							
Butylbenzylphthalate	ug/kg	63	900		Y	14.3	U	N							
Carbazole	ug/kg			J	Y	14.3	U	N							
Chrysene	ug/kg	1400	2800		Y	48.9		Y							
Coarse Sand	%														
Copper	mg/kg	390	390		Y	63.3		Y							
cPAH	ug/kg		100		Y	63.609		Y							
Dibenzo(A,H)anthracene	ug/kg	230	230	U	N	14.3	U	N							
Dibenzofuran	ug/kg	540	540	U	N	14.3	U	N							
Diesel Range (S&A Cleaned)	mg/kg	2000	2000		Y	527		Y							
Diesel Range Hydrocarbons	mg/kg	2000	2000												
Diethylphthalate	ug/kg	200	1200		Y	38.2		Y							
Dimethylphthalate	ug/kg	71	160	U	N	196		Y							
Di-N-Butylphthalate	ug/kg	1400	1400	J	Y	14.3	U	N							
Di-N-Octylphthalate	ug/kg	6200	6200	U	N	14.3	U	N							
Fine Gravel	%														
Fine Sand	%														
Fluoranthene	ug/kg	1700	2500		Y	56.4		Y							
Fluorene	ug/kg	540	540	U	N	14.3	U	N							
Hexachlorobenzene	ug/kg	22	70	U	N	14.3	U	N							
Hexachlorobutadiene	ug/kg	11	120	U	N	14.3	U	N							
Hexachlorocyclopentadiene	ug/kg			U	N	71.3	U	N							
Hexachloroethane	ug/kg			U	N	14.3	U	N							
HPAH	ug/kg	12000	17000		Y	411.9		Y							
Indeno(1,2,3-Cd)pyrene	ug/kg	600	690		Y	20.6		Y							
Isophorone	ug/kg			U	N	14.3	U	N							
Lead	mg/kg	450	530		Y	37.4		Y							
LPAH	ug/kg	5200	5200	J	Y	67.1	J	Y							
Medium Sand	%														
Mercury	mg/kg	0.41	0.59	J	Y	0.0383		Y							
Motor Oil (S&A Cleaned)	mg/kg	2000	2000		Y	450		Y							
Motor Oil Range	mg/kg	2000	2000												
Naphthalene	ug/kg	2100	2100		Y	30.4		Y							
Nitrobenzene	ug/kg			U	N	14.3	U	N							
N-Nitroso-Di-N-Propylamine	ug/kg			U	N	14.3	U	N							
N-Nitrosodiphenylamine	ug/kg	28	40	U	N	14.3	U	N							
Pentachlorophenol	ug/kg	360	690	U	N	71.3	U	N							
Phenanthrene	ug/kg	1500	1500		Y	29.1		Y							
Phenol	ug/kg	420	1200	U	N	14.3	U	N							
Polychlorinated Biphenyls	ug/kg	130	1000	J	Y	26.6		Y	560		Y	893		Y	1080
Pyrene	ug/kg	2600	3300		Y	68.9		Y							
Solids, Total	%			J	Y	72.54	J	Y							
Total Organic Carbon	%				Y	0.51		Y							
Very Coarse Sand	%														
Very Fine Sand	%														
Zinc	mg/kg	410	960		Y	176		Y							

Lab Analytical Codes: Y = Detected; N = Not Detected; U = Not detected at the level noted; J = Estimated Concentration

		Location		ODS137	ODS138	ODS139	RCB200A			RCB325						
		Sample Date		24 Jan 2024	24 Jan 2024	07 May 2024	04 Nov 2024			24 Jan 20						
		Sample Name		MKJ-012424-8	MKJ-012424-9	MKJ-050724-1	RCB200A-110424-1			MKJ-01242						
		Sample Method		Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual			Grab-Manu						
		Location Type		ODS	ODS	ODS	Inline			RCB						
		Outfall		7th Ave S SD	17th Ave S SD	17th Ave S SD	SW Dakota St SD/Ditch			S Nevada St						
Analyte	Unit	SQS/LAET	CSL/2LAET	Qualifier	Detected	Result	Qualifier	Detected	Result	Qualifier	Detected	Result	Qualifier			
1,2,4-Trichlorobenzene	ug/kg	31	51						423	U	N	99.7	U			
1,2-Dichlorobenzene	ug/kg	35	50						423	U	N	99.7	U			
1,3-Dichlorobenzene	ug/kg								423	U	N	99.7	U			
1,4-Dichlorobenzene	ug/kg	110	110						423	U	N	99.7	U			
1-Methylnaphthalene	ug/kg								423	U	N	29.9	J			
2,2'-Oxybis(1-chloropropane)	ug/kg								423	U	N	99.7	U			
2,4,5-Trichlorophenol	ug/kg								2110	U	N	498	U			
2,4,6-Trichlorophenol	ug/kg								2110	U	N	498	U			
2,4-Dichlorophenol	ug/kg								2110	U	N	498	U			
2,4-Dimethylphenol	ug/kg	29	29						2110	UJ	N	498	U			
2,4-Dinitrophenol	ug/kg								4230	U	N	997	U			
2,4-Dinitrotoluene	ug/kg								2110	U	N	498	U			
2,6-Dinitrotoluene	ug/kg								2110	U	N	498	U			
2-Chloronaphthalene	ug/kg								423	U	N	99.7	U			
2-Chlorophenol	ug/kg								423	U	N	99.7	U			
2-Methylnaphthalene	ug/kg	670	670						423	U	N	60.5	J			
2-Methylphenol	ug/kg	63	63						423	U	N	99.7	U			
2-Nitroaniline	ug/kg								2110	U	N	498	U			
2-Nitrophenol	ug/kg								423	U	N	99.7	U			
3,3'-Dichlorobenzidine	ug/kg								2110	U	N	498	U			
3-Nitroaniline	ug/kg								2110	U	N	498	U			
4,6-Dinitro-2-Methylphenol	ug/kg								4230	U	N	997	U			
4-Bromophenyl phenyl ether	ug/kg								423	U	N	99.7	U			
4-Chloro-3-Methylphenol	ug/kg								2110	U	N	498	U			
4-Chloroaniline	ug/kg								2110	U	N	498	U			
4-Chlorophenyl Phenylether	ug/kg								1060	U	N	249	U			
4-Methylphenol	ug/kg	670	670						423	U	N	384				
4-Nitroaniline	ug/kg								2110	U	N	498	U			
4-Nitrophenol	ug/kg								2110	U	N	498	UJ			
Acenaphthene	ug/kg	500	500						423	U	N	50.1	J			
Acenaphthylene	ug/kg	1300	1300						423	U	N	99.7	U			
Anthracene	ug/kg	960	960						423	U	N	101				
Aroclor 1016	ug/kg			U	N	19.9	U	N	20	U	N	42.3	U	N	19.9	UJ
Aroclor 1221	ug/kg			U	N	19.9	U	N	20	U	N	42.3	U	N	19.9	UJ
Aroclor 1232	ug/kg			U	N	19.9	U	N	20	U	N	42.3	U	N	19.9	UJ
Aroclor 1242	ug/kg			U	N	19.9	U	N	20	U	N	42.3	U	N	19.9	UJ
Aroclor 1248	ug/kg			U	N	19.9	U	N	43.4		Y	240		Y	19.9	UJ
Aroclor 1254	ug/kg			U	N	19.9	U	N	110	J	Y	242		Y	77.8	J
Aroclor 1260	ug/kg				Y	19.9	U	N	507		Y	127		Y	196	J
Arsenic	mg/kg	57	93									13.3	J	Y	11.8	J
Benzo(A)anthracene	ug/kg	1300	1600									347	J	Y	290	
Benzo(A)pyrene	ug/kg	1600	1600									395	J	Y	359	
Benzo(G,H,I)perylene	ug/kg	670	720									590		Y	534	
Benzo(a)fluoranthene, Total	ug/kg	3200	3600									831	J	Y	656	
Benzoic acid	ug/kg	650	650									4230	U	N	997	UJ
Benzyl alcohol	ug/kg	57	73									432		Y	359	
bis(2-Chloroethoxy) methane	ug/kg											423	U	N	99.7	U
Bis-(2-chloroethyl) ether	ug/kg											1060	U	N	249	U
Bis(2-ethylhexyl)phthalate	ug/kg	1300	1900									10600		Y	5850	
Butylbenzylphthalate	ug/kg	63	900									215	J	Y	177	
Carbazole	ug/kg											423	U	N	71.3	J
Chrysene	ug/kg	1400	2800									723		Y	629	
Coarse Sand	%											0.7		Y	11.5	
Copper	mg/kg	390	390									283		Y	197	
cPAH	ug/kg		100									625.78	J	Y	524.51	J
Dibenzo(A,H)anthracene	ug/kg	230	230									423	U	N	87.3	J
Dibenzofuran	ug/kg	540	540									423	U	N	99.7	U
Diesel Range (S&A Cleaned)	mg/kg	2000	2000									1300		Y	694	
Diesel Range Hydrocarbons	mg/kg	2000	2000													
Diethylphthalate	ug/kg	200	1200									1060	U	N	249	U
Dimethylphthalate	ug/kg	71	160									423	U	N	99.7	U
Di-N-Butylphthalate	ug/kg	1400	1400									239	J	Y	156	
Di-N-Octylphthalate	ug/kg	6200	6200									423	U	N	126	
Fine Gravel	%											0.1	U	N	0.4	
Fine Sand	%											0.9		Y	4.6	
Fluoranthene	ug/kg	1700	2500									931		Y	1320	
Fluorene	ug/kg	540	540									423	U	N	89.3	J
Hexachlorobenzene	ug/kg	22	70									423	U	N	99.7	U
Hexachlorobutadiene	ug/kg	11	120									423	U	N	99.7	U
Hexachlorocyclopentadiene	ug/kg											2110	U	N	498	U
Hexachloroethane	ug/kg											423	U	N	99.7	U
HPAH	ug/kg	12000	17000									4837	J	Y	5352.3	J
Indeno(1,2,3-Cd)pyrene	ug/kg	600	690									423	U	N	297	
Isophorone	ug/kg											423	U	N	99.7	U
Lead	mg/kg	450	530									144		Y	98.1	
LPAH	ug/kg	5200	5200									390	J	Y	1192	J
Medium Sand	%											2.3		Y	11.2	
Mercury	mg/kg	0.41	0.59									0.247		Y	0.0615	
Motor Oil (S&A Cleaned)	mg/kg	2000	2000									7690		Y	4120	
Motor Oil Range	mg/kg	2000	2000													
Naphthalene	ug/kg	2100	2100									423	U	N	87.6	J
Nitrobenzene	ug/kg											423	U	N	99.7	U
N-Nitroso-Di-N-Propylamine	ug/kg											423	U	N	99.7	U
N-Nitrosodiphenylamine	ug/kg	28	40									423	U	N	68.5	J
Pentachlorophenol	ug/kg	360	690									2110	U	N	498	U
Phenanthrene	ug/kg	1500	1500									390	J	Y	864	
Phenol	ug/kg	420	1200									423	U	N	159	J
Polychlorinated Biphenyls	ug/kg	130	1000		Y	19.9	U	N	660.4	J	Y	609		Y	273.8	J
Pyrene	ug/kg	2600	3300									1020		Y	1180	
Solids, Total	%											23.65	J	Y	38.22	
Total Organic Carbon	%											16.7		Y	8.19	
Very Coarse Sand	%											0.9		Y	9.8	
Very Fine Sand	%											6.8		Y	8	
Zinc	mg/kg	410	960									1670		Y	1440	

Lab Analytical Codes: Y = Detected; N = Not Detected; U = Not detected at the level noted; J = Estimated Concentration

Analyte	Unit	Location		Detected	RCB384			RCB387			RCB388			RCB393			Result
		SQS/LAET	CSL/2LAET		05 Mar 2024												
					Result	Qualifier	Detected	Result	Qualifier	Detected	Result	Qualifier	Detected	Result	Qualifier	Detected	
1,2,4-Trichlorobenzene	ug/kg	31	51	N													
1,2-Dichlorobenzene	ug/kg	35	50	N													
1,3-Dichlorobenzene	ug/kg			N													
1,4-Dichlorobenzene	ug/kg	110	110	N													
1-Methylnaphthalene	ug/kg			Y													
2,2'-Oxybis(1-chloropropane)	ug/kg			N													
2,4,5-Trichlorophenol	ug/kg			N													
2,4,6-Trichlorophenol	ug/kg			N													
2,4-Dichlorophenol	ug/kg			N													
2,4-Dimethylphenol	ug/kg	29	29	N													
2,4-Dinitrophenol	ug/kg			N													
2,4-Dinitrotoluene	ug/kg			N													
2,6-Dinitrotoluene	ug/kg			N													
2-Chloronaphthalene	ug/kg			N													
2-Chlorophenol	ug/kg			N													
2-Methylnaphthalene	ug/kg	670	670	Y													
2-Methylphenol	ug/kg	63	63	N													
2-Nitroaniline	ug/kg			N													
2-Nitrophenol	ug/kg			N													
3,3'-Dichlorobenzidine	ug/kg			N													
3-Nitroaniline	ug/kg			N													
4,6-Dinitro-2-Methylphenol	ug/kg			N													
4-Bromophenyl phenyl ether	ug/kg			N													
4-Chloro-3-Methylphenol	ug/kg			N													
4-Chloroaniline	ug/kg			N													
4-Chlorophenyl Phenylether	ug/kg			N													
4-Methylphenol	ug/kg	670	670	Y													
4-Nitroaniline	ug/kg			N													
4-Nitrophenol	ug/kg			N													
Acenaphthene	ug/kg	500	500	Y													
Acenaphthylene	ug/kg	1300	1300	N													
Anthracene	ug/kg	960	960	Y													
Aroclor 1016	ug/kg			N	26.7	U	N	46.2	U	N	19.5	U	N	28.5	U	N	39.5
Aroclor 1221	ug/kg			N	26.7	U	N	46.2	U	N	19.5	U	N	28.5	U	N	39.5
Aroclor 1232	ug/kg			N	26.7	U	N	46.2	U	N	19.5	U	N	28.5	U	N	39.5
Aroclor 1242	ug/kg			N	26.7	U	N	46.2	U	N	19.5	U	N	28.5	U	N	39.5
Aroclor 1248	ug/kg			N	26.7	U	N	46.2	U	N	19.5	U	N	28.5	U	N	39.5
Aroclor 1254	ug/kg			Y	26.7	U	N	46.2	U	N	19.5	U	N	28.5	U	N	39.5
Aroclor 1260	ug/kg			Y	36.3	J	Y	248	J	Y	33.7	J	Y	41.1	J	Y	39.5
Arsenic	mg/kg	57	93	Y													
Benzo(A)anthracene	ug/kg	1300	1600	Y													
Benzo(A)pyrene	ug/kg	1600	1600	Y													
Benzo(G,H,I)perylene	ug/kg	670	720	Y													
Benzo(a)fluoranthene, Total	ug/kg	3200	3600	Y													
Benzoic acid	ug/kg	650	650	N													
Benzyl alcohol	ug/kg	57	73	Y													
bis(2-Chloroethoxy) methane	ug/kg			N													
Bis-(2-chloroethyl) ether	ug/kg			N													
Bis(2-ethylhexyl)phthalate	ug/kg	1300	1900	Y													
Butylbenzylphthalate	ug/kg	63	900	Y													
Carbazole	ug/kg			Y													
Chrysene	ug/kg	1400	2800	Y													
Coarse Sand	%			Y													
Copper	mg/kg	390	390	Y													
cPAH	ug/kg		100	Y													
Dibenzo(A,H)anthracene	ug/kg	230	230	Y													
Dibenzofuran	ug/kg	540	540	N													
Diesel Range (S&A Cleaned)	mg/kg	2000	2000	Y													
Diesel Range Hydrocarbons	mg/kg	2000	2000														
Diethylphthalate	ug/kg	200	1200	N													
Dimethylphthalate	ug/kg	71	160	N													
Di-N-Butylphthalate	ug/kg	1400	1400	Y													
Di-N-Octylphthalate	ug/kg	6200	6200	Y													
Fine Gravel	%			Y													
Fine Sand	%			Y													
Fluoranthene	ug/kg	1700	2500	Y													
Fluorene	ug/kg	540	540	Y													
Hexachlorobenzene	ug/kg	22	70	N													
Hexachlorobutadiene	ug/kg	11	120	N													
Hexachlorocyclopentadiene	ug/kg			N													
Hexachloroethane	ug/kg			N													
HPAH	ug/kg	12000	17000	Y													
Indeno(1,2,3-Cd)pyrene	ug/kg	600	690	Y													
Isophorone	ug/kg			N													
Lead	mg/kg	450	530	Y													
LPAH	ug/kg	5200	5200	Y													
Medium Sand	%			Y													
Mercury	mg/kg	0.41	0.59	Y													
Motor Oil (S&A Cleaned)	mg/kg	2000	2000	Y													
Motor Oil Range	mg/kg	2000	2000														
Naphthalene	ug/kg	2100	2100	Y													
Nitrobenzene	ug/kg			N													
N-Nitroso-Di-N-Propylamine	ug/kg			N													
N-Nitrosodiphenylamine	ug/kg	28	40	Y													
Pentachlorophenol	ug/kg	360	690	N													
Phenanthrene	ug/kg	1500	1500	Y													
Phenol	ug/kg	420	1200	Y													
Polychlorinated Biphenyls	ug/kg	130	1000	Y	36.3	J	Y	248	J	Y	33.7	J	Y	41.1	J	Y	39.5
Pyrene	ug/kg	2600	3300	Y													
Solids, Total	%			Y													
Total Organic Carbon	%			Y													
Very Coarse Sand	%			Y													
Very Fine Sand	%			Y													
Zinc	mg/kg	410	960	Y													

Lab Analytical Codes: Y = Detected; N = Not Detected; U = Not detected at the level noted; J = Estimated Concentration

		Location		RCB394		RCB398		RCB399			RCB400			RCB401		
		Sample Date		05 Mar 2024		09 Jan 2024		24 Jan 2024			06 Feb 2024			06 Feb 2024		
		Sample Name		MKJ-030524-1		MKJ-010924-1		MKJ-012424-5			MKJ-020624-1			MKJ-020624-1		
		Sample Method		Grab-Manual		Grab-Manual		Grab-Manual			Grab-Manual			Grab-Man		
		Location Type		RCB		RCB		RCB			RCB			RCB		
		Outfall		7th Ave S SD		Diagonal Ave S CSO/SD		S Nevada St SD			1st Ave S SD (west)			1st Ave S SD		
Analyte	Unit	SQS/LAET	CSL/2LAET	Qualifier	Detected	Result	Qualifier	Detected	Result	Qualifier	Detected	Result	Qualifier	Detected	Result	Qualifier
1,2,4-Trichlorobenzene	ug/kg	31	51			19.4	U	N	99.8	U	N					
1,2-Dichlorobenzene	ug/kg	35	50			19.4	U	N	99.8	U	N					
1,3-Dichlorobenzene	ug/kg					19.4	UJ	N	99.8	U	N					
1,4-Dichlorobenzene	ug/kg	110	110			19.4	UJ	N	99.8	U	N					
1-Methylnaphthalene	ug/kg					6.8	J	Y	99.8	U	N					
2,2'-Oxybis(1-chloropropane)	ug/kg					19.4	U	N	99.8	U	N					
2,4,5-Trichlorophenol	ug/kg					96.9	UJ	N	9220	UJ	N					
2,4,6-Trichlorophenol	ug/kg					96.9	U	N	9220	UJ	N					
2,4-Dichlorophenol	ug/kg					96.9	U	N	9220	UJ	N					
2,4-Dimethylphenol	ug/kg	29	29						9220	UJ	N					
2,4-Dinitrophenol	ug/kg					194	U	N	18400	UJ	N					
2,4-Dinitrotoluene	ug/kg					96.9	U	N	499	U	N					
2,6-Dinitrotoluene	ug/kg					96.9	U	N	499	U	N					
2-Chloronaphthalene	ug/kg					19.4	U	N	99.8	U	N					
2-Chlorophenol	ug/kg					19.4	U	N	1840	UJ	N					
2-Methylnaphthalene	ug/kg	670	670			9.6	J	Y	30	J	Y					
2-Methylphenol	ug/kg	63	63			9.7	J	Y	1840	UJ	N					
2-Nitroaniline	ug/kg					96.9	U	N	499	U	N					
2-Nitrophenol	ug/kg					19.4	U	N	1840	UJ	N					
3,3'-Dichlorobenzidine	ug/kg								499	U	N					
3-Nitroaniline	ug/kg					96.9	U	N	499	U	N					
4,6-Dinitro-2-Methylphenol	ug/kg					194	U	N	18400	UJ	N					
4-Bromophenyl phenyl ether	ug/kg					19.4	U	N	99.8	U	N					
4-Chloro-3-Methylphenol	ug/kg					96.9	U	N	9220	UJ	N					
4-Chloroaniline	ug/kg					96.9	U	N	499	U	N					
4-Chlorophenyl Phenylether	ug/kg					48.5	U	N	249	U	N					
4-Methylphenol	ug/kg	670	670			97.8	J	Y	1840	UJ	N					
4-Nitroaniline	ug/kg					96.9	U	N	499	U	N					
4-Nitrophenol	ug/kg					96.9	U	N	9220	UJ	N					
Acenaphthene	ug/kg	500	500			21	J	Y	63.5	J	Y					
Acenaphthylene	ug/kg	1300	1300			98.5	J	Y	99.8	U	N					
Anthracene	ug/kg	960	960			2130	R	Y	95.6	J	Y					
Aroclor 1016	ug/kg			U	N	97.3	U	N	20	U	N	98.7	U	N	98.9	U
Aroclor 1221	ug/kg			U	N	97.3	U	N	20	U	N	98.7	U	N	98.9	U
Aroclor 1232	ug/kg			U	N	97.3	U	N	20	U	N	98.7	U	N	98.9	U
Aroclor 1242	ug/kg			U	N	97.3	U	N	20	U	N	98.7	U	N	98.9	U
Aroclor 1248	ug/kg			U	N	97.3	U	N	20	U	N	98.7	U	N	98.9	U
Aroclor 1254	ug/kg			U	N	97.3	U	N	44	J	Y	98.7	U	N	98.9	U
Aroclor 1260	ug/kg			U	N	97.3	U	N	67.1		Y	98.7	U	N	98.9	U
Arsenic	mg/kg	57	93			6.22	J	Y	12.6	J	Y					
Benzo(A)anthracene	ug/kg	1300	1600			3570	J	Y	356		Y					
Benzo(A)pyrene	ug/kg	1600	1600			1080	J	Y	365		Y					
Benzo(G,H,I)perylene	ug/kg	670	720			191	J	Y	483		Y					
Benzo(a)fluoranthene, Total	ug/kg	3200	3600			3570	J	Y	657		Y					
Benzoic acid	ug/kg	650	650			443	J	Y	18400	UJ	N					
Benzyl alcohol	ug/kg	57	73			19.4	U	N	99.8	U	N					
bis(2-Chloroethoxy) methane	ug/kg					19.4	U	N	99.8	U	N					
Bis-(2-chloroethyl) ether	ug/kg					48.5	U	N	249	U	N					
Bis(2-ethylhexyl)phthalate	ug/kg	1300	1900			663	J	Y	90300		Y					
Butylbenzylphthalate	ug/kg	63	900			206	J	Y	144		Y					
Carbazole	ug/kg					492	J	Y	90	J	Y					
Chrysene	ug/kg	1400	2800			5760	J	Y	540		Y					
Coarse Sand	%					6		Y	11.3		Y					
Copper	mg/kg	390	390			64.2		Y	112		Y					
cPAH	ug/kg		100			1889.06	J	Y	525.66		Y					
Dibenzo(A,H)anthracene	ug/kg	230	230			58.9	J	Y	99.8	U	N					
Dibenzofuran	ug/kg	540	540			21.2	J	Y	99.8	U	N					
Diesel Range (S&A Cleaned)	mg/kg	2000	2000			125		Y	339		Y					
Diesel Range Hydrocarbons	mg/kg	2000	2000													
Diethylphthalate	ug/kg	200	1200			31.7	J	Y	249	U	N					
Dimethylphthalate	ug/kg	71	160			19.4	U	N	99.8	U	N					
Di-N-Butylphthalate	ug/kg	1400	1400			19.4	U	N	298		Y					
Di-N-Octylphthalate	ug/kg	6200	6200			19.4	U	N	526		Y					
Fine Gravel	%					0.5		Y	1.3		Y					
Fine Sand	%					4.7		Y	18		Y					
Fluoranthene	ug/kg	1700	2500			18100	J	Y	1490		Y					
Fluorene	ug/kg	540	540			88.5	J	Y	99.8	U	N					
Hexachlorobenzene	ug/kg	22	70			19.4	U	N	99.8	U	N					
Hexachlorobutadiene	ug/kg	11	120			19.4	U	N	99.8	U	N					
Hexachlorocyclopentadiene	ug/kg					96.9	U	N	499	U	N					
Hexachloroethane	ug/kg					19.4	U	N	99.8	U	N					
HPAH	ug/kg	12000	17000			42868.9	J	Y	5491		Y					
Indeno(1,2,3-Cd)pyrene	ug/kg	600	690			139	J	Y	340		Y					
Isophorone	ug/kg					19.4	UJ	N	99.8	U	N					
Lead	mg/kg	450	530			17.2		Y	42.7		Y					
LPAH	ug/kg	5200	5200			8944.2	R	Y	1195.8	J	Y					
Medium Sand	%					9.9		Y	16		Y					
Mercury	mg/kg	0.41	0.59			0.0624		Y	0.0361	J	Y					
Motor Oil (S&A Cleaned)	mg/kg	2000	2000			872		Y	2310		Y					
Motor Oil Range	mg/kg	2000	2000													
Naphthalene	ug/kg	2100	2100			16.2	J	Y	53.7	J	Y					
Nitrobenzene	ug/kg					19.4	U	N	99.8	U	N					
N-Nitroso-Di-N-Propylamine	ug/kg					19.4	U	N	99.8	U	N					
N-Nitrosodiphenylamine	ug/kg	28	40			19.4	U	N	99.8	U	N					
Pentachlorophenol	ug/kg	360	690			239		Y	9220	UJ	N					
Phenanthrene	ug/kg	1500	1500			6590	J	Y	983		Y					
Phenol	ug/kg	420	1200			19.4	U	N	2200	J	Y					
Polychlorinated Biphenyls	ug/kg	130	1000	U	N	97.3	U	N	111.1	J	Y	98.7	U	N	98.9	U
Pyrene	ug/kg	2600	3300			10400	J	Y	1260		Y					
Solids, Total	%					68.38	J	Y	52.2		Y					
Total Organic Carbon	%					4.07		Y	3.52		Y					
Very Coarse Sand	%					5.4		Y	9.7		Y					
Very Fine Sand	%					4.8		Y	10.4		Y					
Zinc	mg/kg	410	960			440		Y	766		Y					

Lab Analytical Codes: Y = Detected; N = Not Detected; U = Not detected at the level noted; J = Estimated Concentration

Analyte	Unit	SQS/LAET	CSL/2LAET	Location	RCB402		RCB403		RCB404		RCB405		M				
				Sample Date	06 Feb 2024	06 Feb 2024	06 Feb 2024	06 Feb 2024	Sample Method	Grab-Manual	Grab-Manual	Grab-Manual		Grab-Manual	Location Type	1st Ave S SD (west)	1st Ave S SD (west)
				4-2	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	1				
				Outfall	1st Ave S SD (west)		1										
Detected	Result	Qualifier	Detected	Result	Qualifier	Detected	Result	Qualifier	Detected	Result	Qualifier	Detected	Result				
1,2,4-Trichlorobenzene	ug/kg	31	51														
1,2-Dichlorobenzene	ug/kg	35	50														
1,3-Dichlorobenzene	ug/kg																
1,4-Dichlorobenzene	ug/kg	110	110														
1-Methylnaphthalene	ug/kg																
2,2'-Oxybis(1-chloropropane)	ug/kg																
2,4,5-Trichlorophenol	ug/kg																
2,4,6-Trichlorophenol	ug/kg																
2,4-Dichlorophenol	ug/kg																
2,4-Dimethylphenol	ug/kg	29	29														
2,4-Dinitrophenol	ug/kg																
2,4-Dinitrotoluene	ug/kg																
2,6-Dinitrotoluene	ug/kg																
2-Chloronaphthalene	ug/kg																
2-Chlorophenol	ug/kg																
2-Methylnaphthalene	ug/kg	670	670														
2-Methylphenol	ug/kg	63	63														
2-Nitroaniline	ug/kg																
2-Nitrophenol	ug/kg																
3,3'-Dichlorobenzidine	ug/kg																
3-Nitroaniline	ug/kg																
4,6-Dinitro-2-Methylphenol	ug/kg																
4-Bromophenyl phenyl ether	ug/kg																
4-Chloro-3-Methylphenol	ug/kg																
4-Chloroaniline	ug/kg																
4-Chlorophenyl Phenylether	ug/kg																
4-Methylphenol	ug/kg	670	670														
4-Nitroaniline	ug/kg																
4-Nitrophenol	ug/kg																
Acenaphthene	ug/kg	500	500														
Acenaphthylene	ug/kg	1300	1300														
Anthracene	ug/kg	960	960														
Aroclor 1016	ug/kg			N	276	U	N	99.7	U	N	99	U	N	98.7	U	N	27.4
Aroclor 1221	ug/kg			N	276	U	N	99.7	U	N	99	U	N	98.7	U	N	27.4
Aroclor 1232	ug/kg			N	276	U	N	99.7	U	N	99	U	N	98.7	U	N	27.4
Aroclor 1242	ug/kg			N	276	U	N	99.7	U	N	99	U	N	98.7	U	N	27.4
Aroclor 1248	ug/kg			N	276	U	N	99.7	U	N	99	U	N	98.7	U	N	27.4
Aroclor 1254	ug/kg			N	276	U	N	99.7	U	N	99	U	N	98.7	U	N	66
Aroclor 1260	ug/kg			N	276	U	N	99.7	U	N	99	U	N	98.7	U	N	86
Arsenic	mg/kg	57	93														
Benzo(A)anthracene	ug/kg	1300	1600														
Benzo(A)pyrene	ug/kg	1600	1600														
Benzo(G,H,I)perylene	ug/kg	670	720														
Benzo(a)fluoranthene, Total	ug/kg	3200	3600														
Benzoic acid	ug/kg	650	650														
Benzyl alcohol	ug/kg	57	73														
bis(2-Chloroethoxy) methane	ug/kg																
Bis-(2-chloroethyl) ether	ug/kg																
Bis(2-ethylhexyl)phthalate	ug/kg	1300	1900														
Butylbenzylphthalate	ug/kg	63	900														
Carbazole	ug/kg																
Chrysene	ug/kg	1400	2800														
Coarse Sand	%																
Copper	mg/kg	390	390														
cPAH	ug/kg		100														
Dibenzo(A,H)anthracene	ug/kg	230	230														
Dibenzofuran	ug/kg	540	540														
Diesel Range (S&A Cleaned)	mg/kg	2000	2000														
Diesel Range Hydrocarbons	mg/kg	2000	2000														
Diethylphthalate	ug/kg	200	1200														
Dimethylphthalate	ug/kg	71	160														
Di-N-Butylphthalate	ug/kg	1400	1400														
Di-N-Octylphthalate	ug/kg	6200	6200														
Fine Gravel	%																
Fine Sand	%																
Fluoranthene	ug/kg	1700	2500														
Fluorene	ug/kg	540	540														
Hexachlorobenzene	ug/kg	22	70														
Hexachlorobutadiene	ug/kg	11	120														
Hexachlorocyclopentadiene	ug/kg																
Hexachloroethane	ug/kg																
HPAH	ug/kg	12000	17000														
Indeno(1,2,3-Cd)pyrene	ug/kg	600	690														
Isophorone	ug/kg																
Lead	mg/kg	450	530														
LPAH	ug/kg	5200	5200														
Medium Sand	%																
Mercury	mg/kg	0.41	0.59														
Motor Oil (S&A Cleaned)	mg/kg	2000	2000														
Motor Oil Range	mg/kg	2000	2000														
Naphthalene	ug/kg	2100	2100														
Nitrobenzene	ug/kg																
N-Nitroso-Di-N-Propylamine	ug/kg																
N-Nitrosodiphenylamine	ug/kg	28	40														
Pentachlorophenol	ug/kg	360	690														
Phenanthrene	ug/kg	1500	1500														
Phenol	ug/kg	420	1200														
Polychlorinated Biphenyls	ug/kg	130	1000	N	276	U	N	99.7	U	N	99	U	N	98.7	U	N	152
Pyrene	ug/kg	2600	3300														
Solids, Total	%																
Total Organic Carbon	%																
Very Coarse Sand	%																
Very Fine Sand	%																
Zinc	mg/kg	410	960														

Lab Analytical Codes: Y = Detected; N = Not Detected; U = Not detected at the level noted; J = Estimated Concentration

		Location		RCB406	RCB407		RCB407		RCB407		RCB408		RCB409			
		Sample Date	Sample Name	Sample Method												
		05 Mar 2024	KJ-030524-2	Grab-Manual	CCO-032524-1	Grab-Manual	CCO-032524-2	Grab-Manual	CCO-032524-3	Grab-Manual	CCO-032524-3	Grab-Manual	CCO-032524-3	Grab-Man		
		Location Type	Outfall	RCB												
		7th Ave S SD	1st Ave S SD (west)													
Analyte	Unit	SQS/LAET	CSL/2LAET	Qualifier	Detected	Result	Qualifier	Detected	Result	Qualifier	Detected	Result	Qualifier	Detected	Result	Qualifier
1,2,4-Trichlorobenzene	ug/kg	31	51													
1,2-Dichlorobenzene	ug/kg	35	50													
1,3-Dichlorobenzene	ug/kg															
1,4-Dichlorobenzene	ug/kg	110	110													
1-Methylnaphthalene	ug/kg															
2,2'-Oxybis(1-chloropropane)	ug/kg															
2,4,5-Trichlorophenol	ug/kg															
2,4,6-Trichlorophenol	ug/kg															
2,4-Dichlorophenol	ug/kg															
2,4-Dimethylphenol	ug/kg	29	29													
2,4-Dinitrophenol	ug/kg															
2,4-Dinitrotoluene	ug/kg															
2,6-Dinitrotoluene	ug/kg															
2-Chloronaphthalene	ug/kg															
2-Chlorophenol	ug/kg															
2-Methylnaphthalene	ug/kg	670	670													
2-Methylphenol	ug/kg	63	63													
2-Nitroaniline	ug/kg															
2-Nitrophenol	ug/kg															
3,3'-Dichlorobenzidine	ug/kg															
3-Nitroaniline	ug/kg															
4,6-Dinitro-2-Methylphenol	ug/kg															
4-Bromophenyl phenyl ether	ug/kg															
4-Chloro-3-Methylphenol	ug/kg															
4-Chloroaniline	ug/kg															
4-Chlorophenyl Phenylether	ug/kg															
4-Methylphenol	ug/kg	670	670													
4-Nitroaniline	ug/kg															
4-Nitrophenol	ug/kg															
Acenaphthene	ug/kg	500	500													
Acenaphthylene	ug/kg	1300	1300													
Anthracene	ug/kg	960	960													
Aroclor 1016	ug/kg			U	N	38.1	U	N	36.3	U	N	32.9	U	N	32.1	U
Aroclor 1221	ug/kg			U	N	38.1	U	N	36.3	U	N	32.9	U	N	32.1	U
Aroclor 1232	ug/kg			U	N	38.1	U	N	36.3	U	N	32.9	U	N	32.1	U
Aroclor 1242	ug/kg			U	N	38.1	U	N	36.3	U	N	32.9	U	N	32.1	U
Aroclor 1248	ug/kg			U	N	38.1	U	N	36.3	U	N	32.9	U	N	32.1	U
Aroclor 1254	ug/kg			J	Y	57.8		Y	44.7		Y	59.5		Y	56	J
Aroclor 1260	ug/kg			J	Y	65.7		Y	53.8		Y	58.2		Y	65.5	J
Arsenic	mg/kg	57	93													
Benzo(A)anthracene	ug/kg	1300	1600													
Benzo(A)pyrene	ug/kg	1600	1600													
Benzo(G,H,I)perylene	ug/kg	670	720													
Benzo(a)fluoranthene, Total	ug/kg	3200	3600													
Benzoic acid	ug/kg	650	650													
Benzyl alcohol	ug/kg	57	73													
bis(2-Chloroethoxy) methane	ug/kg															
Bis-(2-chloroethyl) ether	ug/kg															
Bis(2-ethylhexyl)phthalate	ug/kg	1300	1900													
Butylbenzylphthalate	ug/kg	63	900													
Carbazole	ug/kg															
Chrysene	ug/kg	1400	2800													
Coarse Sand	%															
Copper	mg/kg	390	390													
cPAH	ug/kg		100													
Dibenzo(A,H)anthracene	ug/kg	230	230													
Dibenzofuran	ug/kg	540	540													
Diesel Range (S&A Cleaned)	mg/kg	2000	2000													
Diesel Range Hydrocarbons	mg/kg	2000	2000													
Diethylphthalate	ug/kg	200	1200													
Dimethylphthalate	ug/kg	71	160													
Di-N-Butylphthalate	ug/kg	1400	1400													
Di-N-Octylphthalate	ug/kg	6200	6200													
Fine Gravel	%															
Fine Sand	%															
Fluoranthene	ug/kg	1700	2500													
Fluorene	ug/kg	540	540													
Hexachlorobenzene	ug/kg	22	70													
Hexachlorobutadiene	ug/kg	11	120													
Hexachlorocyclopentadiene	ug/kg															
Hexachloroethane	ug/kg															
HPAH	ug/kg	12000	17000													
Indeno(1,2,3-Cd)pyrene	ug/kg	600	690													
Isophorone	ug/kg															
Lead	mg/kg	450	530													
LPAH	ug/kg	5200	5200													
Medium Sand	%															
Mercury	mg/kg	0.41	0.59													
Motor Oil (S&A Cleaned)	mg/kg	2000	2000													
Motor Oil Range	mg/kg	2000	2000													
Naphthalene	ug/kg	2100	2100													
Nitrobenzene	ug/kg															
N-Nitroso-Di-N-Propylamine	ug/kg															
N-Nitrosodiphenylamine	ug/kg	28	40													
Pentachlorophenol	ug/kg	360	690													
Phenanthrene	ug/kg	1500	1500													
Phenol	ug/kg	420	1200													
Polychlorinated Biphenyls	ug/kg	130	1000	J	Y	123.5		Y	98.5		Y	117.7		Y	121.5	J
Pyrene	ug/kg	2600	3300													
Solids, Total	%															
Total Organic Carbon	%															
Very Coarse Sand	%															
Very Fine Sand	%															
Zinc	mg/kg	410	960													

Lab Analytical Codes: Y = Detected; N = Not Detected; U = Not detected at the level noted; J = Estimated Concentration

		Location Sample Date 24 Sample Name 14-4 Sample Method ual Location Type Outfall (west)			RCB86 24 Jan 2024 MKJ-012424-3 Grab-Manual RCB S Nevada St SD			RCB88 24 Jan 2024 MKJ-012424-4 Grab-Manual RCB S Nevada St SD			RCB96 09 Jan 2024 MKJ-010924-4 Grab-Manual RCB Diagonal Ave S CSO/SD			RCB97 09 Jan 2024 MKJ-010924-3 Grab-Manual RCB Diagonal Ave S CSO/SD		
Analyte	Unit	SQS/LAET	CSL/2LAET	Detected	Result	Qualifier	Detected	Result	Qualifier	Detected	Result	Qualifier	Detected	Result	Qualifier	Detected
1,2,4-Trichlorobenzene	ug/kg	31	51		366	UJ	N	100	U	N	35.1	U	N	19.9	U	N
1,2-Dichlorobenzene	ug/kg	35	50		366	UJ	N	100	U	N	35.1	U	N	19.9	U	N
1,3-Dichlorobenzene	ug/kg				366	UJ	N	100	U	N	35.1	UJ	N	19.9	UJ	N
1,4-Dichlorobenzene	ug/kg	110	110		366	UJ	N	100	U	N	35.1	UJ	N	19.9	UJ	N
1-Methylnaphthalene	ug/kg				212	J	Y	42.9	J	Y	35.1	UJ	N	19.9	UJ	N
2,2'-Oxybis(1-chloropropane)	ug/kg				366	UJ	N	100	U	N	35.1	U	N	19.9	U	N
2,4,5-Trichlorophenol	ug/kg				1830	UJ	N	500	UJ	N	175	UJ	N	99.7	UJ	N
2,4,6-Trichlorophenol	ug/kg				1830	UJ	N	500	UJ	N	175	U	N	99.7	U	N
2,4-Dichlorophenol	ug/kg				1830	UJ	N	500	UJ	N	175	U	N	99.7	U	N
2,4-Dimethylphenol	ug/kg	29	29		1830	UJ	N	500	UJ	N						
2,4-Dinitrophenol	ug/kg				3660	UJ	N	1000	UJ	N	351	U	N	199	U	N
2,4-Dinitrotoluene	ug/kg				1830	UJ	N	500	U	N	175	U	N	99.7	U	N
2,6-Dinitrotoluene	ug/kg				1830	UJ	N	500	U	N	175	U	N	99.7	U	N
2-Chloronaphthalene	ug/kg				366	UJ	N	100	U	N	35.1	U	N	19.9	U	N
2-Chlorophenol	ug/kg				366	UJ	N	100	UJ	N	35.1	U	N	19.9	U	N
2-Methylnaphthalene	ug/kg	670	670		196	J	Y	59.7	J	Y	35.6	J	Y	11.2	J	Y
2-Methylphenol	ug/kg	63	63		366	UJ	N	100	UJ	N	35.1	U	N	19.9	U	N
2-Nitroaniline	ug/kg				1830	UJ	N	500	U	N	175	U	N	99.7	U	N
2-Nitrophenol	ug/kg				366	UJ	N	100	UJ	N	35.1	U	N	19.9	U	N
3,3'-Dichlorobenzidine	ug/kg				1830	UJ	N	500	U	N						
3-Nitroaniline	ug/kg				1830	UJ	N	500	U	N	175	U	N	99.7	U	N
4,6-Dinitro-2-Methylphenol	ug/kg				3660	UJ	N	1000	UJ	N	351	U	N	199	U	N
4-Bromophenyl phenyl ether	ug/kg				366	UJ	N	100	U	N	35.1	U	N	19.9	U	N
4-Chloro-3-Methylphenol	ug/kg				1830	UJ	N	500	UJ	N	175	U	N	99.7	U	N
4-Chloroaniline	ug/kg				1830	UJ	N	500	U	N	175	U	N	99.7	U	N
4-Chlorophenyl Phenylether	ug/kg				916	UJ	N	250	U	N	87.7	U	N	49.8	U	N
4-Methylphenol	ug/kg	670	670		366	UJ	N	316	J	Y	1660	J	Y	477	J	Y
4-Nitroaniline	ug/kg				1830	UJ	N	500	U	N	175	U	N	99.7	U	N
4-Nitrophenol	ug/kg				1830	UJ	N	500	UJ	N	175	U	N	99.7	U	N
Acenaphthene	ug/kg	500	500		2590	J	Y	198		Y	35.1	UJ	N	19.9	UJ	N
Acenaphthylene	ug/kg	1300	1300		154	J	Y	100	U	N	35.1	UJ	N	19.9	UJ	N
Anthracene	ug/kg	960	960		3720	J	Y	317		Y	84.5	J	Y	24.4	J	Y
Aroclor 1016	ug/kg			N	19.9	UJ	N	19.8	U	N	175	U	N	99.3	U	N
Aroclor 1221	ug/kg			N	19.9	UJ	N	19.8	U	N	175	U	N	99.3	U	N
Aroclor 1232	ug/kg			N	19.9	UJ	N	19.8	U	N	175	U	N	99.3	U	N
Aroclor 1242	ug/kg			N	19.9	UJ	N	19.8	U	N	339	J	Y	620		Y
Aroclor 1248	ug/kg			N	19.9	UJ	N	19.8	U	N	175	U	N	99.3	U	N
Aroclor 1254	ug/kg			Y	99.9	J	Y	36.3		Y	175	U	N	99.3	U	N
Aroclor 1260	ug/kg			Y	469	J	Y	81.7		Y	175	U	N	99.3	U	N
Arsenic	mg/kg	57	93		12.5	J	Y	13	J	Y	5.59	J	Y	1.62	J	Y
Benzo(A)anthracene	ug/kg	1300	1600		13300	J	Y	836		Y	201	J	Y	62	J	Y
Benzo(A)pyrene	ug/kg	1600	1600		15200	J	Y	955		Y	284	J	Y	128	J	Y
Benzo(G,H,I)perylene	ug/kg	670	720		13000	J	Y	1070		Y	199	J	Y	91.6	J	Y
Benzo(a)fluoranthene, Total	ug/kg	3200	3600		23900	J	Y	1610		Y	1460	J	Y	689	J	Y
Benzoic acid	ug/kg	650	650		3660	UJ	N	1000	UJ	N	1990	J	Y	1200	J	Y
Benzyl alcohol	ug/kg	57	73		366	UJ	N	136		Y	333	J	Y	304	J	Y
bis(2-Chloroethoxy) methane	ug/kg				366	UJ	N	100	U	N	35.1	U	N	19.9	U	N
Bis-(2-chloroethyl) ether	ug/kg				916	UJ	N	250	U	N	87.7	U	N	49.8	U	N
Bis(2-ethylhexyl)phthalate	ug/kg	1300	1900		3180	J	Y	5360		Y	3080	J	Y	932	J	Y
Butylbenzylphthalate	ug/kg	63	900		225	J	Y	307		Y	446	J	Y	19.9	U	N
Carbazole	ug/kg				3830	J	Y	254		Y	100	J	Y	39.9	J	Y
Chrysene	ug/kg	1400	2800		17900	J	Y	1240		Y	501	J	Y	202	J	Y
Coarse Sand	%				10.4		Y	13.4		Y	17.2		Y	12		Y
Copper	mg/kg	390	390		172		Y	112		Y	151		Y	36.3		Y
cPAH	ug/kg		100		22387	J	Y	1380.9		Y	470.8	J	Y	212.57	J	Y
Dibenzo(A,H)anthracene	ug/kg	230	230		5070	J	Y	217		Y	35.1	U	N	19.9	U	N
Dibenzofuran	ug/kg	540	540		1460	J	Y	134		Y	35.1	U	N	19.9	U	N
Diesel Range (S&A Cleaned)	mg/kg	2000	2000		505		Y	460		Y	1280		Y	388		Y
Diesel Range Hydrocarbons	mg/kg	2000	2000													
Diethylphthalate	ug/kg	200	1200		916	UJ	N	167	J	Y	87.7	U	N	110	J	Y
Dimethylphthalate	ug/kg	71	160		366	UJ	N	100	U	N	892	J	Y	96.2	J	Y
Di-N-Butylphthalate	ug/kg	1400	1400		152	J	Y	159		Y	52.3	J	Y	28	J	Y
Di-N-Octylphthalate	ug/kg	6200	6200		366	UJ	N	450		Y	35.1	U	N	19.9	U	N
Fine Gravel	%				0.8		Y	0.8		Y	1.2		Y	6.4		Y
Fine Sand	%				6.7		Y	12.7		Y	1.9		Y	1.4		Y
Fluoranthene	ug/kg	1700	2500		48900	J	Y	3910		Y	736	J	Y	393	J	Y
Fluorene	ug/kg	540	540		2040	J	Y	194		Y	35.1	U	N	19.9	U	N
Hexachlorobenzene	ug/kg	22	70		366	UJ	N	100	U	N	35.1	U	N	19.9	U	N
Hexachlorobutadiene	ug/kg	11	120		366	UJ	N	100	U	N	35.1	U	N	19.9	U	N
Hexachlorocyclopentadiene	ug/kg				1830	UJ	N	500	U	N	175	U	N	99.7	U	N
Hexachloroethane	ug/kg				366	UJ	N	100	U	N	35.1	U	N	19.9	U	N
HPAH	ug/kg	12000	17000		179970	J	Y	13699		Y	4274.7	J	Y	2037.3	J	Y
Indeno(1,2,3-Cd)pyrene	ug/kg	600	690		12600	J	Y	821		Y	86.7	J	Y	34.7	J	Y
Isophorone	ug/kg				366	UJ	N	100	U	N	35.1	UJ	N	19.9	UJ	N
Lead	mg/kg	450	530		140		Y	45		Y	54.4		Y	7		Y
LPAH	ug/kg	5200	5200		47404	J	Y	3487.3	J	Y	418.2	J	Y	145.7	J	Y
Medium Sand	%				16.7		Y	21.4		Y	10.2		Y	8.2		Y
Mercury	mg/kg	0.41	0.59		0.0551		Y	0.0263	J	Y	0.0387	J	Y	0.0354	U	N
Motor Oil (S&A Cleaned)	mg/kg	2000	2000		2420		Y	2340		Y	5590		Y	2630		Y
Motor Oil Range	mg/kg	2000	2000													
Naphthalene	ug/kg	2100	2100		600	J	Y	78.3	J	Y	44.7	J	Y	18.3	J	Y
Nitrobenzene	ug/kg				366	UJ	N	100	U	N	35.1	U	N	19.9	U	N
N-Nitroso-Di-N-Propylamine	ug/kg				366	UJ	N	100	U	N	35.1	U	N	19.9	U	N
N-Nitrosodiphenylamine	ug/kg	28	40		366	UJ	N	100	U	N	35.1	U	N	19.9	U	N
Pentachlorophenol	ug/kg	360	690		1830	UJ	N	500	UJ	N	175	U	N	99.7	U	N
Phenanthrene	ug/kg	1500	1500		38300	J	Y	2700		Y	289	J	Y	103	J	Y
Phenol	ug/kg	420	1200		132	J	Y	442	J	Y	272	J	Y	19.9	U	N
Polychlorinated Biphenyls	ug/kg	130	1000	Y	568.9	J	Y	118		Y	339	J	Y	620		Y
Pyrene	ug/kg	2600	3300		30100	J	Y	3040		Y	807	J	Y	437	J	Y
Solids, Total	%				46.34		Y	52.7		Y	41.95		Y	61.02		Y
Total Organic Carbon	%				6.11		Y	3.96		Y	6.67		Y	4.6		Y
Very Coarse Sand	%				10.3		Y	8.4		Y	13.3		Y	15.1		Y
Very Fine Sand	%				17.5		Y	15.1		Y	3.1		Y	2.7		Y
Zinc	mg/kg	410	960		1000		Y	847		Y	553	J	Y	161	J	Y

Lab Analytical Codes: Y = Detected; N = Not Detected; U = Not detected at the level noted; J = Estimated Concentration

		Location		SL4-T6			ST1			ST2			ST7		
		Sample Date		22 May 2024			07 Jun 2024			10 Jul 2024			25 Oct 2024		
		Sample Name		SL4-T6-052224			ST1-060724			ST2-071024			ST7-102524		
		Sample Method		SedTrap			SedTrap			SedTrap			SedTrap		
		Location Type		Inline w/Active SPU Sed Trap			Inline w/Active SPU Sed Trap			Inline w/Active SPU Sed Trap			Inline w/Active SPU Sed Trap		
		Outfall		I-5 SD at Slip 4			Diagonal Ave S CSO/SD			Diagonal Ave S CSO/SD			Diagonal Ave S CSO/SD		
Analyte	Unit	SQS/LAET	CSL/2LAET	Result	Qualifier	Detected									
1,2,4-Trichlorobenzene	ug/kg	31	51	19.9	U	N	29.9	U	N	100	U	N	20	U	N
1,2-Dichlorobenzene	ug/kg	35	50	19.9	U	N	29.9	U	N	100	U	N	20	U	N
1,3-Dichlorobenzene	ug/kg			19.9	U	N	29.9	U	N	100	U	N	20	U	N
1,4-Dichlorobenzene	ug/kg	110	110	19.9	U	N	29.9	U	N	100	U	N	20	U	N
1-Methylnaphthalene	ug/kg			22.3		Y	101		Y	100	U	N	22.4		Y
2,2'-Oxybis(1-chloropropane)	ug/kg			19.9	U	N	29.9	U	N	100	U	N	20	U	N
2,4,5-Trichlorophenol	ug/kg			99.6	U	N	149	U	N	500	U	N	99.9	U	N
2,4,6-Trichlorophenol	ug/kg			99.6	U	N	149	U	N	500	U	N	99.9	U	N
2,4-Dichlorophenol	ug/kg			99.6	U	N	149	U	N	500	U	N	99.9	U	N
2,4-Dimethylphenol	ug/kg	29	29	99.6	U	N	149	U	N	500	U	N	99.9	U	N
2,4-Dinitrophenol	ug/kg			199	U	N	299	U	N	1000	U	N	200	U	N
2,4-Dinitrotoluene	ug/kg			99.6	U	N	149	U	N	500	U	N	99.9	U	N
2,6-Dinitrotoluene	ug/kg			99.6	U	N	149	U	N	500	U	N	99.9	U	N
2-Chloronaphthalene	ug/kg			19.9	U	N	29.9	U	N	100	U	N	20	U	N
2-Chlorophenol	ug/kg			19.9	U	N	29.9	U	N	100	U	N	20	U	N
2-Methylnaphthalene	ug/kg	670	670	37.4		Y	155		Y	100	U	N	39.2		Y
2-Methylphenol	ug/kg	63	63	19.9	U	N	29.9	U	N	100	U	N	20	U	N
2-Nitroaniline	ug/kg			99.6	U	N	149	U	N	500	U	N	99.9	U	N
2-Nitrophenol	ug/kg			19.9	U	N	29.9	U	N	100	U	N	20	U	N
3,3'-Dichlorobenzidine	ug/kg			99.6	U	N	149	U	N	500	U	N	99.9	U	N
3-Nitroaniline	ug/kg			99.6	U	N	149	U	N	500	U	N	99.9	U	N
4,6-Dinitro-2-Methylphenol	ug/kg			199	U	N	299	U	N	1000	U	N	200	U	N
4-Bromophenyl phenyl ether	ug/kg			19.9	U	N	29.9	U	N	100	U	N	20	U	N
4-Chloro-3-Methylphenol	ug/kg			99.6	U	N	149	U	N	500	U	N	99.9	U	N
4-Chloroaniline	ug/kg			99.6	U	N	149	U	N	500	U	N	99.9	U	N
4-Chlorophenyl Phenylether	ug/kg			49.8	U	N	74.7	U	N	250	U	N	49.9	U	N
4-Methylphenol	ug/kg	670	670	159		Y	2230		Y	458		Y	28.9		Y
4-Nitroaniline	ug/kg			99.6	U	N	149	U	N	500	U	N	99.9	U	N
4-Nitrophenol	ug/kg			99.6	U	N	149	U	N	500	U	N	99.9	U	N
Acenaphthene	ug/kg	500	500	72.7		Y	53.4		Y	100	U	N	37.5		Y
Acenaphthylene	ug/kg	1300	1300	40.5		Y	29.9	U	N	100	U	N	47.8		Y
Anthracene	ug/kg	960	960	645		Y	85.3		Y	100	U	N	202		Y
Aroclor 1016	ug/kg			19.9	U	N	20	U	N	20	U	N	20	U	N
Aroclor 1221	ug/kg			19.9	U	N	20	U	N	20	U	N	20	U	N
Aroclor 1232	ug/kg			19.9	U	N	20	U	N	20	U	N	20	U	N
Aroclor 1242	ug/kg			19.9	U	N	20	U	N	20	U	N	20	U	N
Aroclor 1248	ug/kg			19.9	U	N	63.3	J	Y	20	U	N	232		Y
Aroclor 1254	ug/kg			19.9	U	N	108	J	Y	31.2		Y	434		Y
Aroclor 1260	ug/kg			19.9	U	N	66.9	J	Y	27.8		Y	111	J	Y
Arsenic	mg/kg	57	93	5.18	J	Y	13.7		Y	8.15	J	Y	7.93		Y
Benzo(A)anthracene	ug/kg	1300	1600	1660		Y	389		Y	71.3	J	Y	311		Y
Benzo(A)pyrene	ug/kg	1600	1600	518		Y	401		Y	101		Y	324	J	Y
Benzo(G,H,I)perylene	ug/kg	670	720	111		Y	190		Y	100	U	N	200	U	N
Benzo(a)fluoranthene, Total	ug/kg	3200	3600	1560		Y	1520		Y	259		Y	523		Y
Benzoic acid	ug/kg	650	650	177	J	Y	3200		Y	1120		Y	332		Y
Benzyl alcohol	ug/kg	57	73	19.9	U	N	953		Y	423		Y	20	U	N
bis(2-Chloroethoxy) methane	ug/kg			19.9	U	N	29.9	U	N	100	U	N	20	U	N
Bis-(2-chloroethyl) ether	ug/kg			49.8	U	N	74.7	U	N	250	U	N	49.9	U	N
Bis(2-ethylhexyl)phthalate	ug/kg	1300	1900	1070	J	Y	6440		Y	4390		Y	7840		Y
Butylbenzylphthalate	ug/kg	63	900	329		Y	466		Y	315		Y	65.1		Y
Carbazole	ug/kg			264		Y	80.5		Y	100	U	N	31.9		Y
Chrysene	ug/kg	1400	2800	1780		Y	495		Y	172		Y	498		Y
Coarse Sand	%						2.9		Y	30.3		Y	15.6		Y
Copper	mg/kg	390	390	176		Y	188		Y	84.2		Y	102		Y
cPAH	ug/kg		100	883.19		Y	612.83		Y	160.75	J	Y	462.38	J	Y
Dibenzo(A,H)anthracene	ug/kg	230	230	39.6		Y	29.9	U	N	100	U	N	200	U	N
Dibenzofuran	ug/kg	540	540	51.8		Y	48.5		Y	100	U	N	24.8		Y
Diesel Range (S&A Cleaned)	mg/kg	2000	2000	120		Y	974		Y	326		Y			
Diesel Range Hydrocarbons	mg/kg	2000	2000										233		Y
Diethylphthalate	ug/kg	200	1200	49.8	U	N	97.8		Y	250	U	N	49.9	U	N
Dimethylphthalate	ug/kg	71	160	71.9		Y	1600		Y	4120		Y	91.3		Y
Di-N-Butylphthalate	ug/kg	1400	1400	141		Y	128		Y	148		Y	20	U	N
Di-N-Octylphthalate	ug/kg	6200	6200	19.9	U	N	29.9	U	N	201		Y	20	U	N
Fine Gravel	%						0.6		Y	0.2		Y	3.1		Y
Fine Sand	%						10.5		Y	8.1		Y	5.6		Y
Fluoranthene	ug/kg	1700	2500	474	J	Y	1110		Y	262		Y	643		Y
Fluorene	ug/kg	540	540	167		Y	54.8		Y	100	U	N	31.2		Y
Hexachlorobenzene	ug/kg	22	70	19.9	U	N	29.9	U	N	100	U	N	20	U	N
Hexachlorobutadiene	ug/kg	11	120	19.9	U	N	29.9	U	N	100	U	N	20	U	N
Hexachlorocyclopentadiene	ug/kg			99.6	U	N	149	U	N	500	U	N	99.9	U	N
Hexachloroethane	ug/kg			13.8	J	Y	29.9	U	N	100	U	N	20	U	N
HPAH	ug/kg	12000	17000	6695.1	J	Y	5515		Y	1219.3	J	Y	3150	J	Y
Indeno(1,2,3-Cd)pyrene	ug/kg	600	690	95.5		Y	100		Y	100	U	N	200	U	N
Isophorone	ug/kg			19.9	U	N	29.9	U	N	100	U	N	20	U	N
Lead	mg/kg	450	530	131		Y	100		Y	69.1		Y	1250		Y
LPAH	ug/kg	5200	5200	1212.8	J	Y	1169.5		Y	154		Y	578.6		Y
Medium Sand	%						6.5		Y	29.1		Y	21		Y
Mercury	mg/kg	0.41	0.59	0.0181	J	Y	0.229		Y	0.0589		Y	1.9		Y
Motor Oil (S&A Cleaned)	mg/kg	2000	2000	788		Y	5070		Y	1920		Y			
Motor Oil Range	mg/kg	2000	2000										619		Y
Naphthalene	ug/kg	2100	2100	60.6		Y	362		Y	100	U	N	31.1		Y
Nitrobenzene	ug/kg			19.9	U	N	29.9	U	N	100	U	N	20	U	N
N-Nitroso-Di-N-Propylamine	ug/kg			19.9	U	N	29.9	U	N	100	U	N	20	U	N
N-Nitrosodiphenylamine	ug/kg	28	40	12.9	J	Y	29.9	U	N	100	U	N	20	U	N
Pentachlorophenol	ug/kg	360	690	99.6	U	N	149	U	N	500	U	N	99.9	U	N
Phenanthrene	ug/kg	1500	1500	227	J	Y	614		Y	154		Y	229		Y
Phenol	ug/kg	420	1200	58.2		Y	847	J	Y	176		Y	20	U	N
Polychlorinated Biphenyls	ug/kg	130	1000	19.9	U	N	238.2	J	Y	59		Y	777	J	Y
Pyrene	ug/kg	2600	3300	457	J	Y	1310		Y	354		Y	851		Y
Solids, Total	%			74.79	J	Y	39.14	J	Y	58.76		Y	80.23		Y
Total Organic Carbon	%			2.69		Y	16.1		Y	7.58		Y	1.14		Y
Very Coarse Sand	%						2.6		Y	9		Y	11.9		Y
Very Fine Sand	%						12.4		Y	7		Y	2.1		Y
Zinc	mg/kg	410	960	370		Y	698		Y	851		Y	214		Y

Lab Analytical Codes: Y = Detected; N = Not Detected; U = Not detected at the level noted; J = Estimated Concentration