

outfall 001

METALS AND CYANIDE	LABORATORY ANALYSIS			REQUIRED MQL (µg/l)
	RESULTS (µg/l)	APPROVED EPA METHOD USED	DETECTION LEVEL ACHIEVED (µg/l)	
1. Antimony (Total), Recoverable	ND	200.8, Rev. 5.4	2.00	60
2. Arsenic (Total), Recoverable	3.56	200.8, Rev. 5.4	2.00	0.5
3. Beryllium (Total), Recoverable	ND	200.8, Rev. 5.4	0.5	0.5
4. Cadmium (Total), Recoverable	ND	200.8, Rev. 5.4	0.5	0.5
5. Chromium (Total), Recoverable	4.30	200.8, Rev. 5.4	1.00	10
7. Chromium (6+), Dissolved	<10	SM 3500-Cr B, 20th Ed	From total Cr	10
8. Copper (Total), Recoverable	6.79	200.8, Rev. 5.4	1.00	0.5
9. Lead (Total), Recoverable	2.37	200.8, Rev. 5.4	1.00	0.5
10. Mercury (Total), Recoverable	0.00833	245.1, Rev. 2.1	0.005	0.005
12. Nickel (Total), Recoverable	7.07	200.8, Rev. 5.4	1.00	0.5
13. Selenium (Total), Recoverable	2.22	200.8, Rev. 5.4	2.00	5
14. Silver (Total), Recoverable	3.58	200.8, Rev. 5.4	1.00	0.5
15. Thallium (Total), Recoverable	2.96	200.8, Rev. 5.4	1.00	0.5
16. Zinc (Total), Recoverable	373	200.8, Rev. 5.4	5.00	20
129. Phenols, Total Recoverable	0.0445	420.1(1978)	0.005	5
17. Cyanide (Total), Recoverable	ND	SM 4500 CN E 20th Ed	0.005	10

DIOXIN	LABORATORY ANALYSIS			REQUIRED MQL (µg/l)
	RESULTS (µg/l)	APPROVED EPA METHOD USED	DETECTION LEVEL ACHIEVED (µg/l)	
18. 2,3,7,8-Tetrachloro-debenzo-p-dioxin (TCDD)	ND	1613B	0.00001	0.00001

METALS AND CYANIDE	LABORATORY ANALYSIS			REQUIRED MQL (µg/l)
	RESULTS (µg/l)	APPROVED EPA METHOD USED	DETECTION LEVEL ACHIEVED (µg/l)	
1. Antimony (Total), Recoverable	ND	200.8, Rev. 5.4	2.00	60
2. Arsenic (Total), Recoverable	ND	200.8, Rev. 5.4	0.5	0.5
3. Beryllium (Total), Recoverable	ND	200.8, Rev. 5.4	0.5	0.5
4. Cadmium (Total), Recoverable	1.17	200.8, Rev. 5.4	0.5	1
5. Chromium (Total), Recoverable	5.66	200.8, Rev. 5.4	1.00	10
7. Chromium (6+), Dissolved	<10	SM 3500-Cr B, 20th Ed	From Total Cr	10
8. Copper (Total), Recoverable	11.7	200.8, Rev. 5.4	1.00	0.5
9. Lead (Total), Recoverable	3.13	200.8, Rev. 5.4	1.00	0.5
10. Mercury (Total), Recoverable	0.009	245.1, Rev. 2.1	0.005	0.005
12. Nickel (Total), Recoverable	7.87	200.8, Rev. 5.4	1.00	0.5
13. Selenium (Total), Recoverable	11.3	200.8, Rev. 5.4	2.00	5
14. Silver (Total), Recoverable	ND	200.8, Rev. 5.4	0.5	0.5
15. Thallium (Total), Recoverable	ND	200.8, Rev. 5.4	0.5	0.5
16. Zinc (Total), Recoverable	251	200.8, Rev. 5.4	5.00	20
129. Phenols, Total Recoverable	ND	420.1(1978)	0.005	5
17. Cyanide (Total), Recoverable	ND	SM 4500 CN E 20th Ed	0.005	10
DIOXIN	LABORATORY ANALYSIS			REQUIRED MQL (µg/l)
	RESULTS (µg/l)	APPROVED EPA METHOD USED	DETECTION LEVEL ACHIEVED (µg/l)	
18. 2,3,7,8-Tetrachloro-debenzo-p-dioxin (TCDD)	ND	1613B	0.00001	0.00001

BASE/NEUTRAL COMPOUNDS	LABORATORY ANALYSIS			REQUIRED MQL (µg/l)
	RESULTS (µg/l)	APPROVED EPA METHOD USED	DETECTION LEVEL ACHIEVED (µg/l)	
58. Acenaphthene	ND	Method 625	1	10
59. Acenaphthylene	ND	Method 625	1	10
60. Anthracene	ND	Method 625	1	10
61. Benzidine	ND	Method 625	1	50
62. Benzo(a)anthracene	ND	Method 625	1	5
63. Benzo(a)pyrene	ND	Method 625	1	5
64. 3,4-Benzofluoranthene	ND	Method 625	1	10
65. Benzo(ghi)perylene	ND	Method 625	1	20
66. Benzo(k)fluoranthene	ND	Method 625	1	5
67. Bis(2-chloroethoxy) methane	ND	Method 625	1	10
68. Bis(2-chloroethyl) ether	ND	Method 625	1	10
69. Bis(2-chloroisopropyl) ether	ND	Method 625	1	10
70. Bis(2-ethylhexyl) phthalate	2.87	Method 625	1	10
71. 4-Bromophenyl phenyl ether	ND	Method 625	1	10
72. Butyl benzyl phthalate	ND	Method 625	1	10
73. 2-Chloronaphthalene	ND	Method 625	1	10
74. 4-Chlorophenyl phenyl ether	ND	Method 625	1	10
75. Chrysene	ND	Method 625	1	5
76. Dibenzo (a,h) anthracene	ND	Method 625	1	5
77. 1,2-Dichlorobenzene	ND	Method 625	1	10
78. 1,3-Dichlorobenzene	ND	Method 625	1	10
79. 1,4-Dichlorobenzene	ND	Method 625	1	10
80. 3,3'-Dichlorobenzidine	ND	Method 625	1	5
81. Diethyl Phthalate	ND	Method 625	1	10
82. Dimethyl Phthalate	ND	Method 625	1	10
83. Di-n-Butyl Phthalate	ND	Method 625	1	10
84. 2,4-Dinitrotoluene	ND	Method 625	1	10
85. 2,6-Dinitrotoluene	ND	Method 625	1	10
86. Di-n-octyl Phthalate	ND	Method 625	1	10

PESTICIDES	LABORATORY ANALYSIS			REQUIRED MQL ($\mu\text{g/l}$)
	RESULTS ($\mu\text{g/l}$)	APPROVED EPA METHOD USED	DETECTION LEVEL ACHIEVED ($\mu\text{g/l}$)	
104. Aldrin	ND	Method 608	0.01	0.01
105. Alpha-BHC	ND	Method 608	0.025	0.05
106. Beta-BHC	ND	Method 608	0.025	0.05
107. Gamma-BHC	0.0969	Method 608	0.025	0.05
108. Delta-BHC	0.0407	Method 608	0.025	0.05
109. Chlordane	ND	Method 608	0.1	0.2
110. 4,4'-DDT	ND	Method 608	0.02	0.02
111. 4,4'-DDE (p,p-DDX)	ND	Method 608	0.025	0.1
112. 4,4'-DDD 9(p,p-TDE)	ND	Method 608	0.025	0.1
113. Dieldrin	.113	Method 608	0.02	0.02
114. Alpha-endosulfan	.0211	Method 608	0.02	0.01
115. Beta-endosulfan	ND	Method 608	0.02	0.02
116. Endosulfan sulfate	ND	Method 608	0.025	0.1
117. Endrin	ND	Method 608	0.02	0.02
118. Endrin aldehyde	ND	Method 608	0.025	0.1
119. Heptachlor	ND	Method 608	0.01	0.01
120. Heptachlor epoxide (BHC-hexachlorocyclohexane)	ND	Method 608	0.01	0.01
130. Chlorpyrifos	ND	Method 614	0.04	0.07
121. PCB-1242	ND	Method 608	0.2	0.2
122. PCB-1254	ND	Method 608	0.2	0.2
123. PCB-1221	ND	Method 608	0.2	0.2
124. PCB-1232	ND	Method 608	0.2	0.2
125. PCB-1248	ND	Method 608	0.2	0.2
126. PCB-1260	ND	Method 608	0.2	0.2
127. PCB-1016	ND	Method 608	0.2	0.2
128. Toxaphene	ND	Method 608	0.025	0.3