Attachment N-1 Priority Non-Metal Reasonable Potential Analysis and Limit Derivation

CTR#		Units	CV	MEC (Ventura WRP effluent)	CTR CRITERIA						SWRCB min	REASONABLE POTENTIAL ANALYSIS (RPA)						Recommendation
					Saltwater		Freshwater		Human Health					B			Tier 2 B>C & present in Effl.	
					C acute = CMC tot	C chronic = CCC tot	C acute = CMC tot	C chronic = CCC tot	Not applicable C hh W&O	C hh O		Lowest C	Tier 1 MEC ≥ Lowest C	R3 max	R4 max	R5 max		
14	**Cyanide**	µg/L	0.6	<5	**1**	**1**	22	5.2	700	220,000	5	1	NO	*<5*	*<5*	*<5*	NO	Interim Monitoring - No Limit-MDL>C
15	**Asbestos**	Fibers/L		not measured	NONE	NONE	NONE	NONE	7,000,000	NONE		7x10^6	NO	*no sample*	*no sample*	*no sample*		Interim Monitoring - No Limit
16	**2,3,7,8-TCDD (Dioxin)**	µg/L	0.6	<.000005	NONE	NONE	NONE	NONE	1.3E-08	1.4E-08		1.4E-08	NO	<5.2	<5.2	<5	NO	Interim Monitoring - No Limit-MDL for B>C
17	**Acrolein**	µg/L	0.6	<.6	NONE	NONE	NONE	NONE	320	780	2	780	NO	*<.6*	*<.6*	*<.6*	NO	Interim Monitoring - No Limit
18	**Acrylonitrile**	µg/L	0.6	<.5	NONE	NONE	NONE	NONE	0.059	0.66	2	0.66	NO	<.5	<.5	<.5	NO	Interim Monitoring - No Limit
19	**Benzene**	µg/L	0.6	<.2	NONE	NONE	NONE	NONE	1.2	71	0.5	71	NO	<.2	<.2	<.2	NO	Interim Monitoring - No Limit
20	**Bromoform**	µg/L	0.99	4.3	NONE	NONE	NONE	NONE	4.3	360	0.5	360	NO	1.44	2.96		NO	Interim Monitoring - No Limit
21	**Carbon Tetrahloride**	µg/L	0.6	<.12	NONE	NONE	NONE	NONE	0.25	4.4	0.5	4.4	NO	<.12	<.12	<.12	NO	Interim Monitoring - No Limit
22	**Chlorobenzene**	µg/L	0.6	<.2	NONE	NONE	NONE	NONE	680	21,000	1	21,000	NO	<.2	<.2	<.2	NO	Interim Monitoring - No Limit
23	**Dibromochloromethane**	µg/L	0.6	14.5	NONE	NONE	NONE	NONE	0.401	34	0.5	34	NO	2.84	3.63	0.71	NO	Interim Monitoring - No Limit
24	**Chloroethane**	µg/L	0.6	<.52	NONE	NONE	NONE	NONE	NONE	NONE	0.5	No criteria	No Criteria Available	<.52	<.52	<.52	No Criteria Available	No Limit - No Criteria Available
25	**2-chloroethyl vinyl ether**	µg/L	0.6	<.13	NONE	NONE	NONE	NONE	NONE	NONE	1	No criteria	No Criteria Available	<.13	<.13	<.13	No Criteria Available	No Limit - No Criteria Available
26	**Chloroform**	µg/L	0.6	36	NONE	NONE	NONE	NONE	Reserved	Reserved	0.5	Reserved	No Criteria Available	*9.55*	*10.9*	*1.26*	No Criteria Available	No Limit - No Criteria Available
27	**Dichlorobromomethane**	µg/L	0.6	25.6	NONE	NONE	NONE	NONE	0.56	46	0.5	46	NO	1.12	4.89	0.28	NO	Interim Monitoring - No Limit
28	**1,1-Dichloroethane**	µg/L	0.6	<.07	NONE	NONE	NONE	NONE	NONE	NONE	0.5	5	NO	<.07	<.07	<.07	NO	Interim Monitoring - No Limit
29	**1,2-dichloroethane**	µg/L	0.6	<.03	NONE	NONE	NONE	NONE	0.38	99	0.5	99	NO	<.03	<.03	<.03	NO	Interim Monitoring - No Limit
30	**1,1-Dichloroethylene**	µg/L	0.6	<.13	NONE	NONE	NONE	NONE	0.057	3.2		3.2	NO	<.13	<.13	<.13	NO	Interim Monitoring - No Limit
31	**1,2-dichloropropane**	µg/L	0.6	<.04	NONE	NONE	NONE	NONE	0.52	39		39	NO	<.04	<.04	<.04	NO	Interim Monitoring - No Limit
32	**1,3-dichloropropylene**	µg/L	0.6	<.68	NONE	NONE	NONE	NONE	10	1,700		1,700	NO	<.68	<.68	<.68	NO	Interim Monitoring - No Limit
33	**Ethylbenzene**	µg/L	0.6	<.34	NONE	NONE	NONE	NONE	3100	29,000		29,000	NO	<.34	<.34	<.34	NO	Interim Monitoring - No Limit
34	**Methyl bromide**	µg/L	0.6	<.5	NONE	NONE	NONE	NONE	48	4,000		4,000	NO	*<.5*	*<.5*	*<.5*	NO	Interim Monitoring - No Limit
35	**Methyl chloride**	µg/L	0.6	*<.08*	NONE	NONE	NONE	NONE	Narrative	Narrative		Narrative	No Criteria Available	*<.08*	*<.08*	*<.08*	No Criteria Available	No Limit - No Criteria Available
36	**Methylene chloride**	µg/L	0.6	*<.25*	NONE	NONE	NONE	NONE	4.7	1,600		1,600	NO	*<.25*	*<.25*	*<.25*	NO	Interim Monitoring - No Limit
37	**1,1,2,2-tetrachlroethane**	µg/L	0.6	<.03	NONE	NONE	NONE	NONE	0.17	11		11	NO	<.03	<.03	<.03	NO	Interim Monitoring - No Limit
38	**Tetrachloroethylene**	µg/L	0.6	<.03	NONE	NONE	NONE	NONE	0.8	8.85		8.85	NO	<.03	<.03	<.03	NO	Interim Monitoring - No Limit
39	**Toluene**	µg/L	0.6	<.2	NONE	NONE	NONE	NONE	6800	200,000		200,000	NO	<.2	<.2	<.2	NO	Interim Monitoring - No Limit
40	**Trans 1,2-Dichloroethylene**	µg/L	0.6	<.1	NONE	NONE	NONE	NONE	700	140,000		140,000	NO	*<.1*	*<.1*	*<.1*	NO	Interim Monitoring - No Limit
41	**1,1,1-Trichloroethane**	µg/L	0.6	<.03	NONE	NONE	NONE	NONE	Narrative	Narrative		Narrative	NO	<0.0365	<0.0365	<0.0365	No Criteria Available	Interim Monitoring - No Limit
42	**1,1,2-trichloroethane**	µg/L	0.6	<.02	NONE	NONE	NONE	NONE	0.6	42		42	NO	<0.031	<0.031	<0.031	NO	Interim Monitoring - No Limit
43	**Trichloroethylene**	µg/L	0.6	<.12	NONE	NONE	NONE	NONE	2.7	81		81	NO	<0.0277	<0.0277	<0.0277	NO	Interim Monitoring - No Limit
44	**Vinyl chloride**	µg/L	0.6	<.18	NONE	NONE	NONE	NONE	2	525		525	NO	<0.0983	<0.0983	<0.0983	NO	Interim Monitoring - No Limit
45	**2-chlorophenol**	µg/L	0.6	<3.3	NONE	NONE	NONE	NONE	120	400		400	NO	<3.3	<3.3	<3.3	NO	Interim Monitoring - No Limit
46	**2,4-dichlorophenol**	µg/L	0.6	<2.7	NONE	NONE	NONE	NONE	93	790		790	NO	<2.7	<2.7	<2.7	NO	Interim Monitoring - No Limit
47	**2,4-dimethylphenol**	µg/L	0.6	<2.7	NONE	NONE	NONE	NONE	540	2,300		2,300	NO	<2.7	<2.7	<2.7	NO	Interim Monitoring - No Limit
48	**4,6-dinitro-o-resol (aka2-methyl-4,6-Dinitrophenol)**	µg/L	0.6	<10	NONE	NONE	NONE	NONE	13.4	765		765	NO	<10	<10	<10	NO	Interim Monitoring - No Limit
49	**2,4-dinitrophenol**	µg/L	0.6	<42	NONE	NONE	NONE	NONE	70	14,000		14,000	NO	<42.	<42.	<42.	NO	Interim Monitoring - No Limit
50	**2-nitrophenol**	µg/L	0.6	<3.6	NONE	NONE	NONE	NONE	NONE	NONE		None	No Criteria Available	<3.6	<3.6	<3.6	No Criteria Available	No Criteria Available
51	**4-nitrophenol**	µg/L	0.6	<2.4	NONE	NONE	NONE	NONE	NONE	NONE		None	No Criteria Available	<2.4	<2.4	<2.4	No Criteria Available	No Criteria Available
52	**3-Methyl-4-Chlorophenol (aka P-chloro-m-resol)**	µg/L	0.6	<3	NONE	NONE	NONE	NONE	NONE	NONE		None	No Criteria Available	<3	<3	<3	No Criteria Available	No Criteria Available
53	**Pentachlorophenol**	µg/L	0.6	<3.6	**13**	**7.9**	pH dependent	pH dependent	0.28	8.2		7.9	NO	<3.6	<3.6	<3.6	NO	Interim Monitoring - No Limit

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					Saltwater		Freshwater		Human Health									
					C acute =	C chronic	C acute =	C chronic =	Not				Tier 1 MEC	B			Tier 2 B>C &	
54	**Phenol**	µg/L	0.6	*<1.5*	NONE	NONE	NONE	NONE	21,000	4,600,000		4.6x10^6	NO	<1.5	<1.5	<1.5	NO	Interim Monitoring - No Limit
55	**2,4,6-trichlorophenol**	µg/L	0.6	<2.7	NONE	NONE	NONE	NONE	2.1	6.5		6.5	NO	<2.7	<2.7	<2.7	NO	Interim Monitoring - No Limit
56	**Acenaphthene**	µg/L	0.6	<2	NONE	NONE	NONE	NONE	1200	2,700		2,700	NO	<2	<2	<2	NO	Interim Monitoring - No Limit
57	**Acenaphthylene**	µg/L	0.6	<1.9	NONE	NONE	NONE	NONE	NONE	NONE		NONE	No Criteria Available	<1.9	<1.9	<1.9	No Criteria Available	No Criteria Available
58	**Anthracene**	µg/L	0.6	<1.9	NONE	NONE	NONE	NONE	9600	110,000		110,000	NO	<1.9	<1.9	<1.9	NO	Interim Monitoring - No Limit
59	**Benzidine**	µg/L	0.6	<4.4	NONE	NONE	NONE	NONE	0.00012	0.00054		0.00054	NO	<4.4	<4.4	<4.4	NO	Interim Monitoring - No Limit-MDL >C
60	**Benzo(a)Anthracene**	µg/L	0.6	<7.8	NONE	NONE	NONE	NONE	0.0044	0.049		0.049	NO	**<7.8**	**<7.8**	**<7.8**	NO	Interim Monitoring - No Limit-MDL>C
61	**Benzo(a)Pyrene**	µg/L	0.6	<2.5	NONE	NONE	NONE	NONE	0.0044	0.049		0.049	NO	<2.5	<2.5	<2.5	NO	Interim Monitoring - No Limit-MDL>C
62	**Benzo(b)Fluoranthene**	µg/L	0.6	<4.8	NONE	NONE	NONE	NONE	0.0044	0.049		0.049	NO	<4.8	<4.8	<4.8	NO	Interim Monitoring - No Limit-MDL>C
63	**Benzo(ghi)Perylene**	µg/L	0.6	<4.1	NONE	NONE	NONE	NONE	NONE	NONE		NONE	No Criteria Available	<4.1	<4.1	<4.1	No Criteria Available	Interim Monitoring - No Limit
64	**Benzo(k)Fluoranthene**	µg/L	0.6	*<5.3*	NONE	NONE	NONE	NONE	0.0044	0.049		0.049	NO	*<5.3*	*<5.3*	*<5.3*	NO	Interim Monitoring - No Limit-MDL>C
65	**Bis(2-Chloroethoxy) methane**	µg/L	0.6	<5.7	NONE	NONE	NONE	NONE	NONE	NONE		NONE	No Criteria Available	<5.7	<5.7	<5.7	No Criteria Available	No Criteria Available
66	**Bis(2-Chloroethyl)Ether**	µg/L	0.6	<5.7	NONE	NONE	NONE	NONE	0.031	1.4		1.4	NO	<5.7	<5.7	<5.7	NO	Interim Monitoring - No Limit-MDL>C
67	**Bis(2-Chloroisopropyl) Ether**	µg/L	0.6	<5.7	NONE	NONE	NONE	NONE	1400	170,000		170,000	NO	<5.7	<5.7	<5.7	NO	Interim Monitoring - No Limit
68	**Bis(2-Ethylhexyl) Phthalate**	µg/L	0.6	<2.5	NONE	NONE	NONE	NONE	1.8	**5.9**	5	**5.9**	NO	7.1	<1.9	<1.9	NO	**No limit: Tier 2, B > C, but nondetect in effluent**
69	**4-Bromophenyl Phenyl Ether**	µg/L	0.6	<1.9	NONE	NONE	NONE	NONE	NONE	NONE		NONE	No Criteria Available	<1.9	<1.9	<1.9	No Criteria Available	No Criteria Available
70	**Butylbenzyl Phthalate**	µg/L		<2.5	NONE	NONE	NONE	NONE	3000	5,200		5,200	NO	**<2.5**	**<2.5**	**<2.5**	NO	Interim Monitoring - No Limit
71	**2-Chloronaphthalene**	µg/L	0.6	<1.9	NONE	NONE	NONE	NONE	1700	4,300		4,300	NO	<1.9	<1.9	<1.9	NO	Interim Monitoring - No Limit
72	**4-Chlorophenyl Phenyl Ether**	µg/L	0.6	<4.2	NONE	NONE	NONE	NONE	NONE	NONE		NONE	No Criteria Available	<4.2	<4.2	<4.2	No Criteria Available	No Criteria Available
73	**Chrysene**	µg/L	0.6	<2	NONE	NONE	NONE	NONE	0.0044	0.049		0.049	NO	**<2**	**<2**	**<2**	NO	Interim Monitoring - No Limit-MDL>C
74	**Dibenzo(a,h)Anthracene**	µg/L	0.6	<2.5	NONE	NONE	NONE	NONE	0.0044	0.049		0.049	NO	<2.5	<2.5	<2.5	NO	Interim Monitoring - No Limit-MDL>C
75	**1,2-Dichlorobenzene**	µg/L	0.6	<1.9	NONE	NONE	NONE	NONE	2700	17,000		17,000	NO	<1.9	<1.9	<1.9	NO	Interim Monitoring - No Limit
76	**1,3-Dichlorobenzene**	µg/L	0.6	*<2.5*	NONE	NONE	NONE	NONE	400	2,600		2,600	NO	*<2.5*	*<2.5*	*<2.5*	NO	Interim Monitoring - No Limit
77	**1,4-Dichlorobenzene**	µg/L	0.6	*<4.4*	NONE	NONE	NONE	NONE	400	2,600		2,600	NO	*<4.4*	*<4.4*	*<4.4*	NO	Interim Monitoring - No Limit
78	**3,3'-Dichlorobenzidine**	µg/L	0.6	<16.5	NONE	NONE	NONE	NONE	0.04	0.077		0.077	NO	<16.5	<16.5	<16.5	NO	Interim Monitoring - No Limit-MDL>C
79	**Diethyl Phthalate**	µg/L	0.6	<2.2	NONE	NONE	NONE	NONE	23000	120,000		120,000	NO	<2.2	<2.2	<2.2	NO	Interim Monitoring - No Limit
80	**Dimethyl Phthalate**	µg/L	0.6	<1.6	NONE	NONE	NONE	NONE	313000	2,900,000		2.9x10^6	NO	<1.6	<1.6	<1.6	NO	Interim Monitoring - No Limit
81	**Di-n-Butyl Phthalate**	µg/L	0.6	<2.5	NONE	NONE	NONE	NONE	2700	12,000		12,000	NO	<2.5	**<2.5**	**<2.5**	NO	Interim Monitoring - No Limit
82	**2,4-Dinitrotoluene**	µg/L	0.6	<5.7	NONE	NONE	NONE	NONE	0.11	9.1		9.1	NO	<5.7	<5.7	<5.7	NO	Interim Monitoring - No Limit
83	**2,6-Dinitrotoluene**	µg/L	0.6	<1.9	NONE	NONE	NONE	NONE	NONE	NONE		NONE	No Criteria Available	<1.9	<1.9	<1.9	No Criteria Available	No Criteria Available
84	**Di-n-Octyl Phthalate**	µg/L	0.6	<2.5	NONE	NONE	NONE	NONE	NONE	NONE		NONE	No Criteria Available	<2.5	<2.5	<2.5	No Criteria Available	No Criteria Available
85	**1,2-Diphenylhydrazine**	µg/L	0.6	<10	NONE	NONE	NONE	NONE	0.04	0.54		0.54	NO	<10	<10	<10	NO	Interim Monitoring - No Limit-MDL>C
86	**Fluoranthene**	µg/L	0.6	<2.2	NONE	NONE	NONE	NONE	300	370		370	NO	**<2.2**	**<2.2**	**<2.2**	NO	Interim Monitoring - No Limit
87	**Fluorene**	µg/L	0.6	<1.9	NONE	NONE	NONE	NONE	1300	14,000		14,000	NO	<1.9	<1.9	<1.9	NO	Interim Monitoring - No Limit
88	**Hexachlorobenzene**	µg/L	0.6	<1.9	NONE	NONE	NONE	NONE	0.00075	0.00077		0.00077	NO	<1.9	<1.9	<1.9	NO	Interim Monitoring - No Limit-MDL>C
89	**Hexachlorobutadiene**	µg/L	0.6	<0.9	NONE	NONE	NONE	NONE	0.44	50		50	NO	<0.9	<0.9	<0.9	NO	Interim Monitoring - No Limit
90	**Hexachlorocyclopentadiene**	µg/L	0.6	<1.9	NONE	NONE	NONE	NONE	240	17,000		17,000	NO	<1.9	<1.9	<1.9	NO	Interim Monitoring - No Limit
91	**Hexachloroethane**	µg/L	0.6	<1.6	NONE	NONE	NONE	NONE	1.9	8.9		8.9	NO	<1.6	<1.6	<1.6	NO	Interim Monitoring - No Limit
92	**Indeno(1,2,3-cd)Pyrene**	µg/L	0.6	**<3.7**	NONE	NONE	NONE	NONE	0.0044	0.049		0.049	NO	**<3.7**	**<3.7**	**<3.7**	NO	Interim Monitoring - No Limit-MDL>C
93	**Isophorone**	µg/L	0.6	<2.2	NONE	NONE	NONE	NONE	8.4	600		600	NO	<2.2	<2.2	<2.2	NO	Interim Monitoring - No Limit
94	**Napthalene**	µg/L	0.6	**<10**	NONE	NONE	NONE	NONE	NONE	NONE		NONE	No Criteria Available	<10	<10	<10	No Criteria Available	No Criteria Available
95	**Nitrobenzene**	µg/L	0.6	<1.9	NONE	NONE	NONE	NONE	17	1,900		1,900	NO	<1.9	<1.9	<1.9	NO	Interim Monitoring - No Limit
96	**N-Nitrosodimethylamine**	µg/L	0.6	**<.15**	NONE	NONE	NONE	NONE	0.00069	8.1		8.1	NO	<.15	<.15	<.15	NO	Interim Monitoring - No Limit
97	**N-Nitrosodi-n-Propylamine**	µg/L	0.6	<10	NONE	NONE	NONE	NONE	0.005	1.4		1.4	NO	<10	<10	<10	NO	Interim Monitoring - No Limit-MDL>C
98	**N-Nitrosodiphenylamine**	µg/L	0.6	<10	NONE	NONE	NONE	NONE	5	16		16	NO	<10	<10	<10	NO	Interim Monitoring - No Limit
99	**Phenanthrene**	µg/L	0.6	*<5.4*	NONE	NONE	NONE	NONE	NONE	NONE		NONE	No Criteria Available	*<5.4*	*<5.4*	*<5.4*	No Criteria Available	No Criteria Available
100	**Pyrene**	µg/L	0.6	**<1.9**	NONE	NONE	NONE	NONE	960	11,000		11,000	NO	<1.9	<1.9	<1.9	NO	Interim Monitoring - No Limit
101	**1,2,4-Trichlorobenzene**	µg/L	0.6	*<1.9*	NONE	NONE	NONE	NONE	NONE	NONE		NONE	No Criteria Available	*<1.9*	*<1.9*	*<1.9*	No Criteria Available	No Criteria Available
102	**Aldrin**	µg/L	0.6	<.004	1.3	NONE	3	NONE	0.00013	0.00014		0.00014	NO	<.004	<.004	<.004	NO	Interim Monitoring - No Limit-MDL>C
103	**alpha-BHC**	µg/L	0.6	<.003	NONE	NONE	NONE	NONE	0.0039	0.013		0.013	NO	<.003	<.003	<.003	NO	Interim Monitoring - No Limit
104	**beta-BHC**	µg/L	0.6	<.006	NONE	NONE	NONE	NONE	0.014	0.046		0.046	NO	<.006	<.006	<.006	NO	Interim Monitoring - No Limit

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					C acute =	C chronic	C acute =	C chronic =	Not				Tier 1 MEC	B			Tier 2 B>C &	
105	**gamma-BHC(aka Lindane)**	µg/L	0.4	<.004	*0.16*	NONE	0.95	NONE	0.019	0.063		0.063	NO	<.004	<.004	<.004	NO	Interim Monitoring - No Limit-MDL>C
106	**delta-BHC**	µg/L	0.6	<.009	NONE	NONE	NONE	NONE	NONE	NONE		NONE	No Criteria Available	<.009	<.009	<.009	No Criteria Available	Interim Monitoring - No Limit
107	**Chlordane**	µg/L	0.6	<.014	0.09	0.04	2.4	0.0043	0.00057	0.00059		0.00059	NO	<.014	<.014	<.014	NO	Interim Monitoring - No Limit-MDL>C
108	**4,4'-DDT**	µg/L	0.6	<4.7	0.13	0.001	1.1	0.001	0.00059	0.00059		0.00059	NO	<4.7	<4.7	<4.7	NO	Interim Monitoring - No Limit-MDL>C
109	**4,4'-DDE**	µg/L	0.6	<5.6	NONE	NONE	NONE	NONE	0.00059	0.00059		0.00059	NO	<5.6	<5.6	<5.6	NO	Interim Monitoring - No Limit-MDL>C
110	**4,4'-DDD**	µg/L	0.6	<2.8	NONE	NONE	NONE	NONE	0.00083	0.00084		0.00084	NO	<2.8	<2.8	<2.8	NO	Interim Monitoring - No Limit-MDL>C
111	**Dieldrin**	µg/L	0.6	<.002	0.71	0.0019	0.24	0.056	0.00014	0.00014		0.00014	NO	<.002	<.002	<.002	NO	Interim Monitoring - No Limit-MDL>C
112	**alpha-Endosulfan**	µg/L	0.6	<.0014	0.034	0.0087	0.22	0.056	110	240		0.0087	NO	<.0014	<.0014	<.0014	NO	Interim Monitoring - No Limit
113	**beta-Endosulfan**	µg/L	0.6	<.004	0.034	0.0087	0.22	0.056	110	240		0.0087	NO	<.004	<.004	<.004	NO	Interim Monitoring - No Limit
114	**Endosulfan Sulfate**	µg/L	0.6	<..066	NONE	NONE	NONE	NONE	110	240		240	NO	<..066	<..066	<..066	NO	Interim Monitoring - No Limit
115	**Endrin**	µg/L	0.6	<.006	0.037	0.0023	0.086	0.036	0.76	0.81		0.0023	NO	<.006	<.006	<.006	NO	Interim Monitoring - No Limit-MDL>C
116	**Endrin Aldehyde**	µg/L	0.6	<.023	NONE	NONE	NONE	NONE	0.76	0.81		0.81	NO	<.023	<.023	<.023	NO	Interim Monitoring - No Limit
117	**Heptachlor**	µg/L	0.6	<.003	0.053	0.0036	0.52	0.0038	0.00021	0.00021		0.00021	NO	<.003	<.003	<.003	NO	Interim Monitoring - No Limit-MDL>C
118	**Heptachlor Epoxide**	µg/L	0.6	<.083	0.053	0.0036	0.52	0.0038	0.0001	0.00011		0.00011	NO	<2	<2	<2	NO	Interim Monitoring - No Limit-MDL>C
	Polychlorinated biphenyls (PCBs)	µg/L																
119	**Aroclor 1016**	µg/L	0.6	<.065	NONE	0.03	NONE	0.014	0.00017	0.00017		0.00017	NO	<.065	<.065	<.065	NO	Interim Monitoring - No Limit-MDL>C
120	**Aroclor 1221**	µg/L	0.6	<.065	NONE	0.03	NONE	0.014	0.00017	0.00017		0.00017	NO	<.065	<.065	<.065	NO	Interim Monitoring - No Limit-MDL>C
121	**Aroclor 1232**	µg/L	0.6	<.065	NONE	0.03	NONE	0.014	0.00017	0.00017		0.00017	NO	<.065	<.065	<.065	NO	Interim Monitoring - No Limit-MDL>C
122	**Aroclor 1242**	µg/L	0.6	<.065	NONE	0.03	NONE	0.014	0.00017	0.00017		0.00017	NO	<.065	<.065	<.065	NO	Interim Monitoring - No Limit-MDL>C
123	**Aroclor 1248**	µg/L	0.6	<.065	NONE	0.03	NONE	0.014	0.00017	0.00017		0.00017	NO	<.065	<.065	<.065	NO	Interim Monitoring - No Limit-MDL>C
124	**Aroclor 1254**	µg/L	0.6	<.065	NONE	0.03	NONE	0.014	0.00017	0.00017		0.00017	NO	<.065	<.065	<.065	NO	Interim Monitoring - No Limit-MDL>C
125	**Aroclor 1260**	µg/L	0.6	<.065	NONE	0.03	NONE	0.014	0.00017	0.00017		0.00017	NO	<.065	<.065	<.065	NO	Interim Monitoring - No Limit-MDL>C
126	**Toxaphene**	µg/L	0.6	<10	0.21	0.0002	0.73	0.0002	0.0073	0.00075		0.0002	NO	<10	<10	<10	NO	Interim Monitoring - No Limit-MDL>C
These metals are hardness dependent. CTR criteria was calculated using a hardness capped at 400 mg/L, pursuant to CTR.																		

Attachment N-2 Priority Metal Criterion Calculation

Copper	Freshwater						Freshwater						
	CMC or Acute						CCC or Chronic						
	CMC = WER x Conversion Factor x (exp {mA [ln(Hardness)] + bA})						CCC = WER x Conversion Factor x (exp {mC [ln(Hardness)] + bC})						
HARDNESS	**WER**	**Conversion Factor**	**mA**	**bA**	**Total Recoverable Limit**	**Dissolved Fraction Limit**	**WER**	**Conversion Factor**	**mC**	**bC**	**Total Recoverable Limit**	**Dissolved Fraction Limit**	**Conversion Factor**
(mg/L)	1	0.96	0.9422	-1.7		(µg/L)	1	0.96	0.8545	-1.702		(µg/L)	0.83
100	1	0.96	0.9422	-1.7	14.00	13.44	1	0.96	0.8545	-1.702	9.33	8.96	0.83
200	1	0.96	0.9422	-1.7	26.90	25.82	1	0.96	0.8545	-1.702	16.87	16.19	0.83
300	1	0.96	0.9422	-1.7	39.41	37.84	1	0.96	0.8545	-1.702	23.85	22.90	0.83
400	1	0.96	0.9422	-1.7	**51.68**	49.62	1	0.96	0.8545	-1.702	30.50	29.28	0.83
413	1	0.96	0.9422	-1.7	53.27	51.14	1	0.96	0.8545	-1.702	31.34	30.09	0.83
494	1	0.96	0.9422	-1.7	63.06	60.53	1	0.96	0.8545	-1.702	36.53	35.07	0.83
										Applied	Discharger 2002	Metal translator	0.86
										Applied	Discharger 2009	WER total copper	2.08
											(geometric mean of 12 tests)		

Lead	CMC or Acute						CCC or Chronic						
	CMC = WER x Conversion Factor x (exp {mA [ln(Hardness)] + bA})						CCC = WER x Conversion Factor x (exp {mC [ln(Hardness)] + bC})						
HARDNESS	**WER**	**Conversion Factor***	**mA**	**bA**	**Total Recoverable Limit**	**Dissolved Fraction Limit**	**WER**	**Conversion Factor**	**mC**	**bC**	**Total Recoverable Limit**	**Dissolved Fraction Limit**	**Conversion Factor**
(mg/L)	1	0.791	1.273	-1.46		(µg/L)	1	0.791	1.273	-4.705		(µg/L)	0.951
100	1	0.791001442	1.273	-1.46	81.65	64.58	1	0.791001442	1.273	-4.705	3.18	2.52	0.951
200	1	0.69000158	1.273	-1.46	197.31	136.14	1	0.69000158	1.273	-4.705	7.69	5.31	0.951
300	1	0.630920448	1.273	-1.46	330.60	208.58	1	0.630920448	1.273	-4.705	12.88	8.13	0.951
400	1	0.589001718	1.273	-1.46	476.82	280.85	1	0.589001718	1.273	-4.705	18.58	10.94	0.951
										Not applied	Discharger 2002	No Translator	
										Not applied	Discharger 2007	No WER	

Nickel	Freshwater						Freshwater						
	CMC or Acute						CCC or Chronic						
	CMC = WER x Conversion Factor x (exp {mA [ln(Hardness)] + bA})						CCC = WER x Conversion Factor x (exp {mC [ln(Hardness)] + bC})						
HARDNESS	**WER**	**Conversion Factor**	**mA**	**bA**	**Total Recoverable Limit**	**Dissolved Fraction Limit**	**WER**	**Conversion Factor**	**mC**	**bC**	**Total Recoverable Limit**	**Dissolved Fraction Limit**	**Conversion Factor**
(mg/L)	1	0.998	0.846	2.255		(µg/L)	1	0.997	0.846	0.0584		(µg/L)	0.99
100	1	0.998	0.846	2.255	469.17	468.24	1	0.997	0.846	0.0584	52.16	52.01	0.99
200	1	0.998	0.846	2.255	843.35	841.66	1	0.997	0.846	0.0584	93.76	93.48	0.99
300	1	0.998	0.846	2.255	1188.44	1186.07	1	0.997	0.846	0.0584	132.13	131.74	0.99
400	1	0.998	0.846	2.255	1515.92	1512.89	1	0.997	0.846	0.0584	168.54	168.04	0.99
										Applied	Discharger 2002	metal translator	0.81
										Not applied	Discharger 2007	No WER	

Selenium	Freshwater	Freshwater
	CMC or Acute	CCC or Chronic
	Bioaccumulative	Bioaccumulative

HARDNESS	WER	Conversion Factor	mA	bA	Total Recoverable Limit	Dissolved Fraction Limit	WER	Conversion Factor	mC	bC	Total Recoverable Limit	Dissolved Fraction Limit	Conversion Factor
(mg/L)	1					reserved	1				**5**		0.998

Saltwater		Saltwater			Human Health
CMC		CCC			Organisms only
Total Recoverable Limit	**Dissolved Fraction Limit**	**Conversion Factor**	**Total Recoverable Limit**	**Dissolved Fraction Limit**	
5.78313253	4.8	0.83	3.734939759	3.1	---
5.78313253	4.8	0.83	3.734939759	3.1	---
5.78313253	4.8	0.83	3.734939759	3.1	---
5.78313253	4.8	0.83	3.734939759	3.1	---
5.78313253	4.8	0.83	**3.734939759**	3.1	---
5.78313253	4.8	0.83	3.734939759	3.1	---
5.78313253	4.8	0.83	3.734939759	3.1	---
6.724572709	6.72457271		4.342953208	4.34295321	
13.98711124	13.9871112		9.033342673	9.03334267	
CMC		CCC			Organisms only
Total Recoverable Limit	**Dissolved Fraction Limit**	**Conversion Factor**	**Total Recoverable Limit**	**Dissolved Fraction Limit**	
220.8201893	210	0.951	8.517350158	8.1	narrative
220.8201893	210	0.951	8.517350158	8.1	narrative
220.8201893	210	0.951	8.517350158	8.1	narrative
220.8201893	210	0.951	8.517350158	8.1	narrative
220.8201893	210	0.951	8.517350158	8.1	narrative
220.8201893	210	0.951	8.517350158	8.1	narrative
220.8201893	210	0.951	**8.517350158**	8.1	narrative

Saltwater		Saltwater			
CMC		CCC			Organisms only
Total Recoverable Limit	**Dissolved Fraction Limit**	**Conversion Factor**	**Total Recoverable Limit**	**Dissolved Fraction Limit**	
74.74747475	74	0.99	8.282828283	8.2	4600
74.74747475	74	0.99	8.282828283	8.2	4600
74.74747475	74	0.99	8.282828283	8.2	4600
74.74747475	74	0.99	8.282828283	8.2	4600
74.74747475	74	0.99	8.282828283	8.2	4600
91.35802469	91.3580247		**10.22571393**	10.2257139	
Saltwater		Saltwater			
CMC		CCC			Organisms only

Total Recoverable Limit	Dissolved Fraction Limit	Conversion Factor	Total Recoverable Limit	Dissolved Fraction Limit												
290.58	290	0.998	71.14	71	none											