

CTR#	Parameters	Units	CV	CTR Water Quality Criteria (ug/L)					REASONABLE POTENTIAL ANALYSIS (RPA)											
				Freshwater		Saltwater		Human Health for consumption of:		TMDL	MEC >= Lowest C	Tier 1 - Need limit?	B Available (Y/N)?	Are all B data points non-detects	If all data points ND Enter the min detection	Enter the pollutant B detected max conc	If all B is ND, is MDL>C?	If B>C, effluent limit required	Tier 3 - other info. ?	RPA Result - Need Limit?
				C acute = CMC tot	C chronic = CCC tot	C acute = CMC tot	C chronic = CCC tot	Water & organisms	Organisms only	Dry-Weather WLAs										
1	Antimony	ug/L	0.6					14.00	14.00			N				No detected value of B, S		Ud		
2	Arsenic	ug/L	0.6	340.00	150.00				150.00			N				No detected value of B, S		Ud		
3	Beryllium	ug/L	0.6						No Criteria	No Criteria	No Criteria	N				No Criteria	No Criteria	Uc		
4	Cadmium	ug/L	0.6	8.93	3.96				3.96			N				No detected value of B, S		Ud		
5a	Chromium (III)	ug/L	0.6	2848.56	339.53				339.53			N				No detected value of B, S		Ud		
5b	Chromium (VI)	ug/L	0.6	16.29	11.43				11.43			N				No detected value of B, S		Ud		
6	Copper	ug/L	0.6	24.74	15.63		1300.00		22.00	22.00		N				No detected value of B, S	LA River TMDL	Ud		
7	Lead	ug/L	0.6	176.21	6.87				11.00	11.00		N				No detected value of B, S	LA River TMDL	Ud		
8	Mercury	ug/L	0.6	Reserved	Reserved		0.050		0.050	0.050		N				No detected value of B, S		Ud		
9	Nickel	ug/L	0.6	782.29	86.98		610.00		86.98	86.98		N				No detected value of B, S		Ud		
10	Selenium	ug/L	0.6	20.00	5.00				5.00	5.00		N				No detected value of B, S		Ud		
11	Silver	ug/L	0.6	11.48					11.48	11.48		N				No detected value of B, S		Ud		
12	Thallium	ug/L	0.6				1.70		1.70	1.70		N				No detected value of B, S		Ud		
13	Zinc	ug/L	0.6	199.94	199.94				199.94	199.94		N				No detected value of B, S		Ud		
14	Cyanide	ug/L	0.6	22.00	5.20		700.00		5.20	5.20		N				No detected value of B, S		Ud		
15	Asbestos Fibers/l	0.6					7000000.00		7000000.00	7000000.00		N				No detected value of B, S		Ud		
16	2,3,7,8 TCDD	ug/L	0.6				0.00000013		0.00000013	0.00000013		N				No detected value of B, S		Ud		
17	Acrolein	ug/L	0.6						320	320		N				No detected value of B, S		Ud		
18	Acrylonitrile	ug/L	0.6				0.059		0.059	0.059		N				No detected value of B, S		Ud		
19	Benzene	ug/L	0.6				1.2		1.2	1.2		N				No detected value of B, S		Ud		
20	Bromoform	ug/L	0.6				4.3		4.3	4.3		N				No detected value of B, S		Ud		
21	Carbon Tetrachloride	ug/L	0.6				0.25		0.25	0.25		N				No detected value of B, S		Ud		
22	Chlorobenzene	ug/L	0.6				680		680	680		N				No detected value of B, S		Ud		
23	Chlorodibromomethane	ug/L	0.6				0.41		0.41	0.41		N				No detected value of B, S		Ud		
24	Chloroethane	ug/L	0.6						No Criteria	No Criteria	No Criteria	N				No Criteria	No Criteria	Uc		
25	2-Chloroethylvinyl ether	ug/L	0.6						No Criteria	No Criteria	No Criteria	N				No Criteria	No Criteria	Uc		
26	Chloroform	ug/L	0.6						No Criteria	No Criteria	No Criteria	N				No Criteria	No Criteria	Uc		
27	Dichlorobromomethane	ug/L	0.6				0.56		0.56	0.56		N				No detected value of B, S		Ud		
28	1,1-Dichloroethane	ug/L	0.6						No Criteria	No Criteria	No Criteria	N				No Criteria	No Criteria	Uc		
29	1,2-Dichloroethane	ug/L	0.6				0.38		0.38	0.38		N				No detected value of B, S		Ud		
30	1,1-Dichloroethylene	ug/L	0.6				0.057		0.057	0.057		N				No detected value of B, S		Ud		
31	1,2-Dichloropropane	ug/L	0.6				0.52		0.52	0.52		N				No detected value of B, S		Ud		
32	1,3-Dichloropropylene	ug/L	0.6				10		10	10		N				No detected value of B, S		Ud		
33	Ethylbenzene	ug/L	0.6				3100		3100	3100		N				No detected value of B, S		Ud		
34	Methyl Bromide	ug/L	0.6				48		48	48		N				No detected value of B, S		Ud		
35	Methyl Chloride	ug/L	0.6						No Criteria	No Criteria	No Criteria	N				No Criteria	No Criteria	Uc		
36	Methylene Chloride	ug/L	0.6				4.7		4.7	4.7		N				No detected value of B, S		Ud		
37	1,1,2,2-Tetrachloroethane	ug/L	0.6				0.17		0.17	0.17		N				No detected value of B, S		Ud		
38	Tetrachloroethylene	ug/L	0.6				0.8		0.8	0.8		N				No detected value of B, S		Ud		
39	Toluene	ug/L	0.6				6800		6800	6800		N				No detected value of B, S		Ud		
40	1,2-Trans-Dichloroethyl	ug/L	0.6				700		700	700		N				No detected value of B, S		Ud		
41	1,1,1-Trichloroethane	ug/L	0.6						No Criteria	No Criteria	No Criteria	N				No Criteria	No Criteria	Uc		
42	1,1,2-Trichloroethane	ug/L	0.6				0.6		0.6	0.6		N				No detected value of B, S		Ud		
43	Trichloroethylene	ug/L	0.6				2.7		2.7	2.7		N				No detected value of B, S		Ud		
44	Vinyl Chloride	ug/L	0.6				2		2	2		N				No detected value of B, S		Ud		
45	2-Chlorophenol	ug/L	0.6				120		120	120		N				No detected value of B, S		Ud		
46	2,4-Dichlorophenol	ug/L	0.6				93		93	93		N				No detected value of B, S		Ud		
47	2,4-Dimethylphenol	ug/L	0.6				540		540	540		N				No detected value of B, S		Ud		
48	4,6-dinitro-o-resol (aka 2-methyl-4,6-Dinitrophenol)	ug/L	0.6				13.4		13.4	13.4		N				No detected value of B, S		Ud		
49	2,4-Dinitrophenol	ug/L	0.6				70		70	70		N				No detected value of B, S		Ud		
50	2-Nitrophenol	ug/L	0.6						No Criteria	No Criteria	No Criteria	N				No Criteria	No Criteria	Uc		
51	4-Nitrophenol	ug/L	0.6						No Criteria	No Criteria	No Criteria	N				No Criteria	No Criteria	Uc		
52	3-Methyl-4-Chlorophenol (aka P-chloro-m-resol)	ug/L	0.6						No Criteria	No Criteria	No Criteria	N				No Criteria	No Criteria	Uc		
53	Pentachlorophenol	ug/L	0.6	8.30	6.36		0.28		0.28	0.28		N				No detected value of B, S		Ud		
54	Phenol	ug/L	0.6				21000		21000	21000		N				No detected value of B, S		Ud		
55	2,4,6-Trichlorophenol	ug/L	0.6				2.1		2.1	2.1		N				No detected value of B, S		Ud		
56	Acenaphthene	ug/L	0.6				1200		1200	1200		N				No detected value of B, S		Ud		
57	Acenaphthylene	ug/L	0.6						No Criteria	No Criteria	No Criteria	N				No Criteria	No Criteria	Uc		
58	Anthracene	ug/L	0.6				9600		9600	9600		N				No detected value of B, S		Ud		
59	Benidine	ug/L	0.6				0.0012		0.0012	0.0012		N				No detected value of B, S		Ud		
60	Benzo(a)Anthracene	ug/L	0.6				0.0044		0.0044	0.0044		N				No detected value of B, S		Ud		
61	Benzo(a)Pyrene	ug/L	0.6				0.0044		0.0044	0.0044		N				No detected value of B, S		Ud		
62	Benzo(b)Fluoranthene	ug/L	0.6				0.0044		0.0044	0.0044		N				No detected value of B, S		Ud		
63	Benzo(ghi)Perylene	ug/L	0.6						No Criteria	No Criteria	No Criteria	N				No Criteria	No Criteria	Uc		
64	Benzo(k)Fluoranthene	ug/L	0.6				0.0044		0.0044	0.0044		N				No detected value of B, S		Ud		
65	Bis(2-Chloroethoxy)Me	ug/L	0.6						No Criteria	No Criteria	No Criteria	N				No Criteria	No Criteria	Uc		
66	Bis(2-Chloroethyl)Ether	ug/L	0.6				0.031		0.031	0.031		N				No detected value of B, S		Ud		
67	Bis(2-Chloroisopropyl)E	ug/L	0.6				1400		1400	1400		N				No detected value of B, S		Ud		
68	Bis(2-Ethylhexyl)Phthal	ug/L	0.6				1.8		1.8	1.8		N				No detected value of B, S		Ud		
69	4-Bromophenyl Phenyl	ug/L	0.6						No Criteria	No Criteria	No Criteria	N				No Criteria	No Criteria	Uc		
70	Butylbenzyl Phthalate	ug/L	0.6				3000		3000	3000		N				No detected value of B, S		Ud		

CTR#	Parameters	Units	CV	MEC	CTR Water Quality Criteria (ug/L)					Human Receptor consumption of:	TMDL	Lowest C or TMDL	REASONABLE POTENTIAL ANALYSIS (RPA)										
					Freshwater		Saltwater		Water & organisms				Organisms only	MEC >= Lowest C	Tier 1 - Need limit?	B Available (Y/N)?	Are all B data points non-detects	If all data points ND Enter the min detection	Enter the pollutant B detected max conc	If all B is ND, is MDL>C?	If B>C, effluent limit required	Tier 3 - other info. ?	RPA Result - Need Limit?
					C acute = CMC	C chronic = CCC tot	C acute = CMC	C chronic = CCC tot															
71	2-Chloronaphthalene	ug/L	0.6					1700			1700			N				No detected value of B, S	No Criteria	Ud			
72	4-Chlorophenyl Phenyl	ug/L	0.6							No Criteria	No Criteria	No Criteria	N					No Criteria	No Criteria	Uc			
73	Chrysene	ug/L	0.6					0.0044			0.0044			N				No detected value of B, S	No Criteria	Ud			
74	Dibenzo(a,h)Anthracene	ug/L	0.6					0.0044			0.0044			N				No detected value of B, S	No Criteria	Ud			
75	1,2-Dichlorobenzene	ug/L	0.6					2700			2700			N				No detected value of B, S	No Criteria	Ud			
76	1,3-Dichlorobenzene	ug/L	0.6					400			400			N				No detected value of B, S	No Criteria	Ud			
77	1,4-Dichlorobenzene	ug/L	0.6					400			400			N				No detected value of B, S	No Criteria	Ud			
78	3,3 Dichlorobenzidine	ug/L	0.6					0.04			0.04			N				No detected value of B, S	No Criteria	Ud			
79	Diethyl Phthalate	ug/L	0.6					23000			23000			N				No detected value of B, S	No Criteria	Ud			
80	Dimethyl Phthalate	ug/L	0.6					313000			313000			N				No detected value of B, S	No Criteria	Ud			
81	Di-n-Butyl Phthalate	ug/L	0.6					2700			2700			N				No detected value of B, S	No Criteria	Ud			
82	2,4-Dinitrotoluene	ug/L	0.6					0.11			0.11			N				No detected value of B, S	No Criteria	Ud			
83	2,6-Dinitrotoluene	ug/L	0.6							No Criteria	No Criteria	No Criteria	N					No Criteria	No Criteria	Uc			
84	Di-n-Octyl Phthalate	ug/L	0.6							No Criteria	No Criteria	No Criteria	N					No Criteria	No Criteria	Uc			
85	1,2-Diphenylhydrazine	ug/L	0.6					0.040			0.040			N				No detected value of B, S	No Criteria	Ud			
86	Fluoranthene	ug/L	0.6					300			300			N				No detected value of B, S	No Criteria	Ud			
87	Fluorene	ug/L	0.6					1300			1300			N				No detected value of B, S	No Criteria	Ud			
88	Hexachlorobenzene	ug/L	0.6					0.00075			0.00075			N				No detected value of B, S	No Criteria	Ud			
89	Hexachlorobutadiene	ug/L	0.6					0.44			0.44			N				No detected value of B, S	No Criteria	Ud			
90	Hexachlorocyclopentadiene	ug/L	0.6					240			240			N				No detected value of B, S	No Criteria	Ud			
91	Hexachloroethane	ug/L	0.6					1.9			1.9			N				No detected value of B, S	No Criteria	Ud			
92	Indeno(1,2,3-cd)Pyrene	ug/L	0.6					0.0044			0.0044			N				No detected value of B, S	No Criteria	Ud			
93	Isophorone	ug/L	0.6					8.4			8.4			N				No detected value of B, S	No Criteria	Ud			
94	Naphthalene	ug/L	0.6							No Criteria	No Criteria	No Criteria	N					No Criteria	No Criteria	Uc			
95	Nitrobenzene	ug/L	0.6					17			17			N				No detected value of B, S	No Criteria	Ud			
96	N-Nitrosodimethylamine	ug/L	0.6					0.00069			0.00069			N				No detected value of B, S	No Criteria	Ud			
97	N-Nitrosodi-n-Propylamine	ug/L	0.6					0.005			0.005			N				No detected value of B, S	No Criteria	Ud			
98	N-Nitrosodiphenylamine	ug/L	0.6					5.0			5.0			N				No detected value of B, S	No Criteria	Ud			
99	Phenanthrene	ug/L	0.6							No Criteria	No Criteria	No Criteria	N					No Criteria	No Criteria	Uc			
100	Pyrene	ug/L	0.6					960			960			N				No detected value of B, S	No Criteria	Ud			
101	1,2,4-Trichlorobenzene	ug/L	0.6							No Criteria	No Criteria	No Criteria	N					No Criteria	No Criteria	Uc			
102	Aldrin	ug/L	0.6					0.00013			0.00013			N				No detected value of B, S	No Criteria	Ud			
103	alpha-BHC	ug/L	0.6					0.0039			0.0039			N				No detected value of B, S	No Criteria	Ud			
104	beta-BHC	ug/L	0.6					0.014			0.014			N				No detected value of B, S	No Criteria	Ud			
105	gamma-BHC	ug/L	0.6					0.019			0.019			N				No detected value of B, S	No Criteria	Ud			
106	delta-BHC	ug/L	0.6							No Criteria	No Criteria	No Criteria	N					No Criteria	No Criteria	Uc			
107	Chlordane	ug/L	0.6					0.00057			0.00057			N				No detected value of B, S	No Criteria	Ud			
108	4,4'-DDT	ug/L	0.6					1.1	0.001		0.00059			N				No detected value of B, S	No Criteria	Ud			
109	4,4'-DDE (linked to DD)	ug/L	0.6								0.00059			N				No detected value of B, S	No Criteria	Ud			
110	4,4'-DDD	ug/L	0.6								0.00083			N				No detected value of B, S	No Criteria	Ud			
111	Dieldrin	ug/L	0.6					0.24	0.056		0.00014			N				No detected value of B, S	No Criteria	Ud			
112	alpha-Endosulfan	ug/L	0.6					0.22	0.056		110			N				No detected value of B, S	No Criteria	Ud			
113	beta-Endosulfan	ug/L	0.6					0.22	0.056		110			N				No detected value of B, S	No Criteria	Ud			
114	Endosulfan Sulfate	ug/L	0.6								110			N				No detected value of B, S	No Criteria	Ud			
115	Endrin	ug/L	0.6					0.086	0.036		0.76			N				No detected value of B, S	No Criteria	Ud			
116	Endrin Aldehyde	ug/L	0.6								0.76			N				No detected value of B, S	No Criteria	Ud			
117	Heptachlor	ug/L	0.6					0.52	0.0038		0.00021			N				No detected value of B, S	No Criteria	Ud			
118	Heptachlor Epoxide	ug/L	0.6					0.52	0.0038		0.00010			N				No detected value of B, S	No Criteria	Ud			
119-125	PCBs sum (2)	ug/L	0.6						0.014		0.00017			N				No detected value of B, S	No Criteria	Ud			
126	Toxaphene	ug/L	0.6					0.73	0.0002		0.00073			N				No detected value of B, S	No Criteria	Ud			

Notes:  
 Ud = Undetermined due to lack of data  
 Uc = Undetermined due to lack of CTR Water Quality Criteria  
 C = Water Quality Criteria  
 B = Background receiving water data

CTR#	Parameters	Reason	HUMAN HEALTH CALCULATIONS			AQUATIC LIFE CALCULATIONS			LIMITS	Recommendation	Comment				
			AMEL hh = ECA = MDEL/AMEL	MDEL hh	ECA acute (p.7) multiplier	ECA chronic LTA multiplier	AMEL lowest multiplier	AMEL lowest multiplier				AMEL lowest multiplier			
1	Antimony	No effluent data & no B							No Limit						
2	Arsenic	No effluent data & no B							No Limit						
3	Beryllium	No Criteria							No Limit						
4	Cadmium	No effluent data & no B							No Limit						
5a	Chromium (III)	No effluent data & no B							No Limit						
5b	Chromium (VI)	No effluent data & no B							No Limit						
6	Copper	Yes, TMDL	2.01	0.32	0.53	11.60	11.60	5.80	1.55	18.01	3.11	36.1387	18	Limit is based on TMDL	Dry-Weather Limit
7	Lead	Yes, TMDL	2.01	0.32	0.53	5.80	5.80	5.80	1.55	9.01	3.11	18.0694	9	Limit is based on TMDL	Dry-Weather Limit
8	Mercury	No effluent data & no B													
9	Nickel	No effluent data & no B													
10	Selenium	No effluent data & no B													
11	Silver	No effluent data & no B													
12	Thallium	No effluent data & no B													
13	Zinc	No effluent data & no B													
14	Cyanide	No effluent data & no B													
15	Asbestos	No effluent data & no B													
16	2,3,7,8 TCDD	No effluent data & no B													
17	Acrolein	No effluent data & no B													
18	Acrylonitrile	No effluent data & no B													
19	Benzene	No effluent data & no B													
20	Bromomom	No effluent data & no B													
21	Carbon Tetrachloride	No effluent data & no B													
22	Chlorobenzene	No effluent data & no B													
23	Chlorobromomethane	No effluent data & no B													
24	Chloroethane	No Criteria													
25	2-Chloroethylvinyl ether	No Criteria													
26	Chloromom	No Criteria													
27	Dichlorobromomethane	No effluent data & no B													
28	1,1-Dichloroethane	No Criteria													
29	1,2-Dichloroethane	No effluent data & no B													
30	1,1-Dichloroethylene	No effluent data & no B													
31	1,2-Dichloropropane	No effluent data & no B													
32	1,3-Dichloropropylene	No effluent data & no B													
33	Ethylbenzene	No effluent data & no B													
34	Methyl Bromide	No effluent data & no B													
35	Methyl Chloride	No Criteria													
36	Methylene Chloride	No effluent data & no B													
37	1,1,2,2-Tetrachloroethane	No effluent data & no B													
38	Tetrachloroethylene	No effluent data & no B													
39	Toluene	No effluent data & no B													
40	1,2-Trans-Dichloroethy	No effluent data & no B													
41	1,1,1-Trichloroethane	No Criteria													
42	1,1,2-Trichloroethane	No effluent data & no B													
43	Trichloroethylene	No effluent data & no B													
44	Vinyl Chloride	No effluent data & no B													
45	2-Chlorophenol	No effluent data & no B													
46	2,4-Dichlorophenol	No effluent data & no B													
47	4,6-dinitro-o-resol	No effluent data & no B													
48	Dinitrophenol (aka 2-methyl-4,6-dinitro-o-resol)	No effluent data & no B													
49	2,4-Dinitrophenol	No effluent data & no B													
50	2-Nitrophenol	No Criteria													
51	4-Nitrophenol	No Criteria													
52	Chlorophenol (aka P-3-Methyl-4-Chlorophenol)	No Criteria													
53	Pentachlorophenol	No effluent data & no B													
54	Phenol	No effluent data & no B													
55	2,4,6-Trichlorophenol	No effluent data & no B													
56	Acenaphthene	No effluent data & no B													
57	Acenaphthylene	No Criteria													
58	Anthracene	No effluent data & no B													
59	Benzidine	No effluent data & no B													
60	Benzof(a)anthracene	No effluent data & no B													
61	Benzof(b)fluoranthene	No effluent data & no B													
62	Benzof(k)fluoranthene	No effluent data & no B													
63	Benzof(h)perylene	No Criteria													
64	Benzof(l)fluoranthene	No effluent data & no B													
65	Bis(2-Chloroethoxy)Me	No Criteria													
66	Bis(2-Chloroethyl)Ether	No effluent data & no B													
67	Bis(2-Chloroisopropyl)E	No effluent data & no B													
68	Bis(2-Ethylhexyl)Phthalate	No effluent data & no B													
69	4-Bromophenyl Phenyl	No Criteria													
70	Bisphenyl Phthalate	No effluent data & no B													

