

CTR#	Parameters	HUMAN HEALTH CALCULATIONS				AQUATIC LIFE CALCULATIONS								LIMITS		Recommendation	Comment
		Organisms only			Saltwater / Freshwater / Basin Plan								Lowest AMEL	Lowest MDEL			
		AMEL hh = ECA = C hh O only	MDEL/AMEL multiplier	MDEL hh	ECA acute multiplier (p.7)	LTA acute	ECA chronic multiplier	LTA chronic	Lowest LTA	AMEL multiplier 95	AMEL aq life	MDEL multiplier 99	MDEL aq life	Lowest AMEL	Lowest MDEL		
1	Antimony														No Limit		
2	Arsenic														No Limit		
3	Beryllium														No Limit		
4	Cadmium														No Limit		
5a	Chromium (III)														No Limit		
5b	Chromium (VI)														No Limit		
6	Copper		1.71		0.43		0.63	2.35	2.35	1.38	3.24	2.35	5.53	3.2	5.5	Limits established based on Harbor Toxics TMDL WLA	
7	Lead		2.64		0.18		0.34	2.89	2.89	2.07	5.96	5.45	15.72	6.0	16	Limits established based on Harbor Toxics TMDL WLA	
8	Mercury	0.05100	2.00619	0.10232						1.55242		3.11446		0.05	0.10	Based on CTR-SIP	
9	Nickel														No Limit		
10	Selenium														No Limit		
11	Silver														No Limit		
12	Thallium														No Limit		
13	Zinc		2.00		0.32		0.53	45.27	45.27	1.55	70.15	3.10	140.4	70	140	Limits established based on Harbor Toxics TMDL WLA	
14	Cyanide	220000	2.01	441361.61457	0.32	0.32	0.53	0.53	0.32	1.55	0.50	3.11	1	0.5	1.0	Based on CTR-SIP	
15	Asbestos														No Limit		
16	2,3,7,8-TCDD														No Limit		
	TCDD Equivalents														No Limit		
17	Acrolein														No Limit		
18	Acrylonitrile														No Limit		
19	Benzene														No Limit		
20	Bromoform														No Limit		
21	Carbon Tetrachloride														No Limit		
22	Chlorobenzene														No Limit		
23	Chlorodibromomethane														No Limit		
24	Chloroethane														No Limit		
25	2-Chloroethylvinyl ether														No Limit		
26	Chloroform														No Limit		
27	Dichlorobromomethane														No Limit		
28	1,1-Dichloroethane														No Limit		
29	1,2-Dichloroethane														No Limit		
30	1,1-Dichloroethylene														No Limit		
31	1,2-Dichloropropane														No Limit		
32	1,3-Dichloropropylene														No Limit		
33	Ethylbenzene														No Limit		
34	Methyl Bromide														No Limit		
35	Methyl Chloride														No Limit		
36	Methylene Chloride														No Limit		
37	1,1,2,2-Tetrachloroethane														No Limit		
38	Tetrachloroethylene														No Limit		
39	Toluene														No Limit		
40	1,2-Trans-Dichloroethylene														No Limit		
41	1,1,1-Trichloroethane														No Limit		
42	1,1,2-Trichloroethane														No Limit		
43	Trichloroethylene														No Limit		
44	Vinyl Chloride														No Limit		
45	2-Chlorophenol														No Limit		
46	2,4-Dichlorophenol														No Limit		
47	2,4-Dimethylphenol														No Limit		
48	4,6-dinitro-o-resol (aka 2-methyl-4,6-Dinitrophenol)														No Limit		
49	2,4-Dinitrophenol														No Limit		
50	2-Nitrophenol														No Limit		
51	4-Nitrophenol														No Limit		
52	3-Methyl-4-Chlorophenol (aka P-chloro-m-resol)														No Limit		
53	Pentachlorophenol														No Limit		
54	Phenol														No Limit		
55	2,4,6-Trichlorophenol														No Limit		
56	Acenaphthene														No Limit		
57	Acenaphthylene														No Limit		
58	Anthracene														No Limit		
59	Benzidine														No Limit		
60	Benzo(a)Anthracene														No Limit		
61	Benzo(a)Pyrene														No Limit		
62	Benzo(b)Fluoranthene														No Limit		
63	Benzo(ghi)Perylene														No Limit		
64	Benzo(k)Fluoranthene														No Limit		
65	Bis(2-Chloroethoxy)Methane														No Limit		
66	Bis(2-Chloroethyl)Ether														No Limit		
67	Bis(2-Chloroisopropyl)Ether														No Limit		

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68	Bis(2-Ethylhexyl)Phthalate	5.9	2.77	16.32556						2.22		6.15			6	16		Based on CTR-SIP
69	4-Bromophenyl Phenyl Ethe																No Limit	
70	Butylbenzyl Phthalate																No Limit	
71	2-Chloronaphthalene																No Limit	
72	4-Chlorophenyl Phenyl Ethe																No Limit	
73	Chrysene																No Limit	
74	Dibenzo(a,h)Anthracene																No Limit	
75	1,2-Dichlorobenzene																No Limit	
76	1,3-Dichlorobenzene																No Limit	
77	1,4-Dichlorobenzene																No Limit	
78	3,3 Dichlorobenzidine																No Limit	
79	Diethyl Phthalate																No Limit	
80	Dimethyl Phthalate																No Limit	
81	Di-n-Butyl Phthalate																No Limit	
82	2,4-Dinitrotoluene																No Limit	
83	2,6-Dinitrotoluene																No Limit	
84	Di-n-Octyl Phthalate																No Limit	
85	1,2-Diphenylhydrazine																No Limit	
86	Fluoranthene																No Limit	
87	Fluorene																No Limit	
88	Hexachlorobenzene																No Limit	
89	Hexachlorobutadiene																No Limit	
90	Hexachlorocyclopentadiene																No Limit	
91	Hexachloroethane																No Limit	
92	Indeno(1,2,3-cd)Pyrene																No Limit	
93	Isophorone																No Limit	
94	Naphthalene																No Limit	
95	Nitrobenzene																No Limit	
96	N-Nitrosodimethylamine																No Limit	
97	N-Nitrosodi-n-Propylamine																No Limit	
98	N-Nitrosodiphenylamine																No Limit	
99	Phenanthrene																No Limit	
100	Pyrene																No Limit	
101	1,2,4-Trichlorobenzene																No Limit	
102	Aldrin																No Limit	
103	alpha-BHC																No Limit	
104	beta-BHC																No Limit	
105	gamma-BHC																No Limit	
106	delta-BHC																No Limit	
107	Chlordane																No Limit	
108	4,4'-DDT	0.00059	2.01	0.00118						1.55		3.11		0.00059	0.0012		Limits established based on Harbor Toxics TMDL WLA	
109	4,4'-DDE (linked to DDT)																No Limit	
110	4,4'-DDD																No Limit	
111	Dieldrin																No Limit	
112	alpha-Endosulfan																No Limit	
113	beta-Endosulfan																No Limit	
114	Endosulfan Sulfate																No Limit	
115	Endrin																No Limit	
116	Endrin Aldehyde																No Limit	
117	Heptachlor																No Limit	
118	Heptachlor Epoxide	0.00011	2.01	0.00022	0.32	0.02	0.53	0.02	1.55	0.03	3.11	0.053	0.00011	0.00022		Limits established based on Harbor Toxics TMDL WLA		
119-124	PCBs sum (2)	0.00017	2.01	0.00034					1.55		3.11		0.00017	0.00034		Limits established based on Harbor Toxics TMDL WLA		
126	Toxaphene																No Limit	

Notes:
Ud = Undetermined due to lack of data
Uc = Undetermined due to lack of CTR Water Quality Criteria