

ATTACHMENT A
SCREENING LEVELS FOR GENERAL NPDES PERMITS

Pollutant	MUN and/or GWR ^(a) (µg/L)	Others ^(b) (µg/L)	Minimum Levels (ML) (µg/L)
VOLATILE ORGANICS			
1,1 Dichloroethane	5	5	1
1,1 Dichloroethylene	0.057	3.2	0.5
1,1,1 Trichloroethane	200	200	2
1,1,2 Trichloroethane	0.60	42	0.5
1,1,2,2 Tetrachloroethane	0.17	11	0.5
1,2 Dichlorobenzene	600	17000	0.5
1,2 Dichloroethane	0.38	99	0.5
1,2 Dichloropropane	0.52	39	0.5
1,2-Trans Dichloroethylene	10	140000	1
1,3 Dichlorobenzene	400	2600	2
1,3 Dichloropropylene	0.5	1700	0.5
1,4 Dichlorobenzene	5	2600	0.5
2-Chloroethyl vinyl ether	--	--	1
Acetone	700	700	na
Acrolein	100	100	5
Acrylonitrile	0.059	0.66	2.0
Benzene	1.0	71	0.5
Bromoform	4.3	360	0.5
Carbon Tetrachloride	0.25	4.4	0.5
Chlorobenzene	30	21000	2
Chlorodibromo-methane	0.401	34	0.5
Chloroethane	100	100	2
Chloroform	100	100	2
Dichlorobromo-methane	0.56	46	0.5
Ethylbenzene	700	29000	2
Ethylene Dibromide	0.05	0.05	na
Methyl Bromide	10	4000	2.0
Methyl Chloride	3	3	0.5
Methyl ethyl ketone	700	700	na
Methyl tertiary butyl ether (MTBE)	5	5	na
Methylene Chloride	4.7	1600	0.5
Tetrachloroethylene	0.8	8.85	0.5
Toluene	150	200000	2
Trichloroethylene	2.7	81	0.5
Vinyl Chloride	0.5	525	0.5
Xylenes	1750	1750	na

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METALS⁽¹⁾			
Antimony (Sb)	14	4300	5
Arsenic (As)	50	36	10
Beryllium (Be)	4	--	0.5
Cadmium (Cd)	2.4	9.4	0.5
Chromium III (Cr ³⁺)	50	--	10
Chromium VI (Cr ⁶⁺)	11	50	5
Copper (Cu)	9.4	3.7	0.5
Cyanide (CN)	5.2	--	5
Lead (Pb)	3.2	8.5	0.5
Mercury (Hg)	0.050	0.051	0.2
Nickel (Ni)	52	8.3	1
Selenium (Se)	5.0	71	2
Silver (Ag)	4	2.2	0.25
Thallium (Tl)	1.7	6.3	1
Zinc (Zn)	122	86	20
PESTICIDES AND PCBS			
4,4'-DDD	0.00083	0.00084	0.05
4,4'-DDE	0.00059	0.00059	0.05
4,4'-DDT	0.00059	0.00059	0.01
Alpha-Endosulfan	0.056	0.0087	0.02
Alpha-BHC	0.0039	0.013	0.01
Aldrin	0.00013	0.00014	0.005
Beta-Endosulfan	0.056	0.0087	0.01
beta-BHC	0.014	0.046	0.005
Chlordane	0.00057	0.00059	0.1
delta-BHC	--	--	0.005
Dieldrin	0.00014	0.00014	0.01
Endosulfan Sulfate	110	240	0.05
Endrin	0.036	0.0023	0.01
Endrin Aldehyde	0.76	0.81	0.01
Heptachlor	0.00021	0.00021	0.01
Heptachlor Epoxide	0.0001	0.00011	0.01
gamma-BHC	0.019	0.063	0.02
PCB 1016	0.00017	0.00017	0.5
PCB 1221	0.00017	0.00017	0.5
PCB 1232	0.00017	0.00017	0.5
PCB 1242	0.00017	0.00017	0.5
PCB 1248	0.00017	0.00017	0.5
PCB 1254	0.00017	0.00017	0.5
PCB 1260	0.00017	0.00017	0.5
Toxaphene	0.00073	0.00075	0.5

(a) = Applies to water with Municipal and Domestic Supply (MUN) and/or groundwater recharge beneficial uses designations. California Toxics Rule (CTR) (aquatic and human health based criteria) applies to receiving waters with an MUN designated use. Title 22 MCLs apply to waters with groundwater recharge and MUN. Where both CTR and Title 22 apply, the most stringent limit will be applied.

(b) = Applies to all other receiving waters

(1) = Metals concentrations are expressed as total recoverable.

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	(µg/L)		(µg/L)
SEMI – VOLATILE ORGANICS			
1,2 Dichlorobenzene	600	17000	0.5
1,2 Diphenylhydrazine	0.040	0.54	1
1,2,4 Trichlorobenzene	70	--	5
1,3 Dichlorobenzene	400	2600	2
1,4 Dichlorobenzene	5	2600	2
2 Chlorophenol	120	400	5
2,4 Dichlorophenol	93	790	5
2,4 Dimethylphenol	540	2300	2
2,4 Dinitrophenol	70	14000	5
2,4 Dinitrotoluene	0.11	9.1	5
2,4,6 Trichlorophenol	2.1	6.5	10
2,6 Dinitrotoluene	--	--	5
2-Nitrophenol	--	--	10
2-Chloronaphthalene	1700	4300	10
3,3' Dichlorobenzidine	0.04	0.077	5
3-Methyl-4-Chlorophenol	--	--	1
2-Methyl-4,6-Dinitrophenol	13	765	5
4-Nitrophenol	--	--	5
4-Bromophenyl phenyl ether	--	--	5
4-Chlorophenyl phenyl ether	--	--	5
Acenaphthene	1200	2700	1
Acenaphthylene	--	--	10
Anthracene	9600	110000	5
Benzidine	0.00012	0.00054	5
Benzo (a) Anthracene	0.0044	0.049	5
Benzo (a) Pyrene	0.0044	0.049	2
Benzo (b) Fluoranthene	0.0044	0.049	10
Benzo (g,h,i) Perylene	--	--	5
Benzo (k) Fluoranthene	0.0044	0.049	2
Bis (2-Chloroethoxyl) methane	--	--	5
Bis(2-Chloroethyl) ether	0.031	1.4	1
Bis(2-Chloroisopropyl) ether	1400	170000	10
Bis(2-Ethylhexyl) phthalate	1.8	5.9	5
Butyl benzyl phthalate	3000	5200	10
Chrysene	0.0044	0.049	5

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SEMI – VOLATILE ORGANICS (continued)			
Dibenzo(a,h)-anthracene	0.0044	0.049	0.1
Diethyl phthalate	23000	120000	10
Dimethyl phthalate	313000	2900000	10
di-n-Butyl phthalate	2700	12000	10
di-n-Octyl phthalate	--	--	10
Fluoranthene	300	370	10
Fluorene	1300	14000	10
Hexachlorobenzene	0.00075	0.00077	1
Hexachlorobutadiene	0.44	50	1
Hexachloro-cyclopentadiene	50	17000	5
Hexachloroethane	1.9	8.9	1
Indeno(1,2,3,cd)-pyrene	0.0044	0.049	0.05
Isophorone	8.4	600	1
N-Nitrosodimethyl amine (NDMA)	0.00069	8.1	5
N-Nitroso-di-n-propyl amine	0.005	1.4	5
N-Nitrosodiphenyl amine	5.0	16	1
Naphthalene	21	--	10
Nitrobenzene	17	1900	10
Pentachlorophenol	0.28	7.9	1
Phenanthrene	--	--	5
Phenol	21000	4600000	50
Pyrene	960	11000	10
MISCELLANEOUS			
Asbestos (in fibers/L k.s.)	7000000	7000000	
Di-isopropyl ether (DIPE)	0.8	0.8	2
1,4-Dioxane	3	3	
Ethanol	1000	1000	1000
Ethyl tertiary butyl ether (ETBE)	2	2	2
Methanol	1000	1000	1000
Methyl tertiary butyl ether (MTBE)	5	5	
Perchlorate	4	4	
2,3,7,8-TCDD (Dioxin)	1.3E-08	1.3E-08	
Tertiary amyl methyl ether (TAME)	2	2	2
Tertiary butyl alcohol (TBA)	12	12	10
Total petroleum hydrocarbons	100	100	

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