

### ATTACHMENT E- SCREENING LEVELS FOR GENERAL PERMITS

(screening to be conducted on untreated groundwater sample prior to issuance of permit)

POLLUTANT	MUN <sup>(a)</sup>	Others <sup>(b)</sup>	Minimum Levels	POLLUTANT	MUN <sup>(a)</sup>	Others <sup>(b)</sup>	Minimum Levels
	(µg/L)	(µg/L)	(µg/L)		(µg/L)	(µg/L)	(µg/L)
<b>VOLATILE ORGANICS</b>				<b>METALS<sup>(1)</sup></b>			
1,1 Dichloroethane	5	5	1	Antimony (Sb)	14	4300	5
1,1 Dichloroethylene	0.057	3.2	0.5	Arsenic (As)	50	36	10
1,1,1 Trichloroethane	200	200	2	Beryllium (Be)	4	--	0.5
1,1,2 Trichloroethane	0.60	42	0.5	Cadmium (Cd)	2.4	9.4	0.5
1,1,2,2 Tetrachloroethane	0.17	1	0.5	Chromium III (Cr <sup>3+</sup> )	50	--	10
1,2 Dichlorobenzene	600	600	0.5	Chromium VI (Cr <sup>6+</sup> )	11	50	5
1,2 Dichloroethane	0.38	99	0.5	Copper (Cu)	9.4	3.7	0.5
1,2 Dichloropropane	0.52	39	0.5	Cyanide (CN)	5.2	--	5
1,2-Trans Dichloroethylene	10	10	1	Lead (Pb)	3.2	8.5	0.5
1,3 Dichlorobenzene	400	2600	2	Mercury (Hg)	0.050	0.051	0.2
1,3 Dichloropropylene	0.5	0.5	0.5	Nickel (Ni)	52	8.3	1
1,4 Dichlorobenzene	5	0.5	0.5	Selenium (Se)	5.0	71	2
2-Chloroethyl vinyl ether	--	--	1	Silver (Ag)	4	2.2	0.25
Acetone	700	700	na	Thallium (Tl)	1.7	6.3	1
Acrolein	100	100	5	Zinc (Zn)	122	86	20
Acrylonitrile	0.059	0.66	2.0	<b>PESTICIDES AND PCBs</b>			
Benzene	1.0	1	0.5	4,4'-DDD	0.00083	0.00084	0.05
Bromoform	4.3	360	0.5	4,4'-DDE	0.00059	0.00059	0.05
Carbon Tetrachloride	0.25	0.5	0.5	4,4'-DDT	0.00059	0.00059	0.01
Chlorobenzene	30	21000	2	Alpha-Endosulfan	0.056	0.0087	0.02
Chlorodibromo-methane	0.401	34	0.5	Alpha-BHC	0.0039	0.013	0.01
Chloroethane	100	100	2	Aldrin	0.00013	0.00014	0.005
Chloroform	100	100	2	Beta-Endosulfan	0.056	0.0087	0.01
Dichlorobromo-methane	0.56	46	0.5	beta-BHC	0.014	0.046	0.005
Ethylbenzene	700	700	2	Chlordane	0.00057	0.00059	0.1
Ethylene Dibromide	0.05	0.05	na	delta-BHC	--	--	0.005
Methyl Bromide	10	4000	2.0	Dieldrin	0.00014	0.00014	0.01
Methyl Chloride	3	3	0.5	Endosulfan Sulfate	110	240	0.05
Methyl ethyl ketone	700	700	na	Endrin	0.036	0.0023	0.01
Methyl tertiary butyl ether (MTBE)	5	5	na	Endrin Aldehyde	0.76	0.81	0.01
Methylene Chloride	4.7	1600	0.5	Heptachlor	0.00021	0.00021	0.01
Tetrachloroethylene	0.8	8.85	0.5	Heptachlor Epoxide	0.0001	0.00011	0.01
Toluene	150	150	2	gamma-BHC	0.019	0.063	0.02
Trichloroethylene	2.7	5	0.5	PCB 1016	0.00017	0.00017	0.5
Vinyl Chloride	0.5	0.5	0.5	PCB 1221	0.00017	0.00017	0.5
Xylenes	1750	1750	na	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) (indicated with E and I in the Basin Plan) beneficial uses designations.

(b) = Applies to all other receiving waters

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

POLLUTANT	MUN <sup>(a)</sup>	Others <sup>(b)</sup>	Minimum Levels	POLLUTANT	MUN <sup>(a)</sup>	Others <sup>(b)</sup>	Minimum Levels
	(µg/L)	(µg/L)	(µg/L)		(µg/L)	(µg/L)	(µg/L)
<b>SEMI - VOLATILE ORGANICS</b>				<b>SEMI - VOLATILE ORGANICS (continued)</b>			
1,2 Diphenylhydrazine	0.040	0.54	1	Dibenzo(a,h)-anthracene	0.0044	0.049	0.1
1,2,4 Trichlorobenzene	70	--	5	Diethyl phthalate	23000	120000	10
2 Chlorophenol	120	400	5	Dimethyl phthalate	313000	2900000	10
2,4 Dichlorophenol	93	790	5	di-n-Butyl phthalate	2700	12000	10
2,4 Dimethylphenol	540	2300	2	di-n-Octyl phthalate	--	--	10
2,4 Dinitrophenol	70	14000	5	Fluoranthene	300	370	10
2,4 Dinitrotoluene	0.11	9.1	5	Fluorene	1300	14000	10
2,4,6 Trichlorophenol	2.1	6.5	10	Hexachlorobenzene	0.00075	0.00077	1
2,6 Dinitrotoluene	--	--	5	Hexachlorobutadiene	0.44	50	1
2-Nitrophenol	--	--	10	Hexachloro-cyclopentadiene	50	17000	5
2-Chloronaphthalene	1700	4300	10	Hexachloroethane	1.9	8.9	1
3,3' Dichlorobenzidine	0.04	0.077	5	Indeno(1,2,3,cd)-pyrene	0.0044	0.049	0.05
3-Methyl-4-Chlorophenol	--	--	1	Isophorone	8.4	600	1
2-Methyl-4,6-Dinitrophenol	13	765	5	N-Nitrosodimethyl amine (NDMA)	0.00069	8.1	5
4-Nitrophenol	--	--	5	N-Nitroso-di-n-propyl amine	0.005	1.4	5
4-Bromophenyl phenyl ether	--	--	5	N-Nitrosodiphenyl amine	5.0	16	1
4-Chlorophenyl phenyl ether	--	--	5	Naphthalene	21	--	10
Acenaphthene	1200	2700	1	Nitrobenzene	17	1900	10
Acenaphthylene	--	--	10	Pentachlorophenol	0.28	7.9	1
Anthracene	9600	110000	5	Phenanthrene	--	--	5
Benzidine	0.00012	0.00054	5	Phenol	21000	4600000	50
Benzo (a) Anthracene	0.0044	0.049	5	Pyrene	960	11000	10
Benzo (a) Pyrene	0.0044	0.049	2	<b>MISCELLANEOUS</b>			
Benzo (b) Fluoranthene	0.0044	0.049	10	Asbestos (in fibers/L k.s.)	7000000	7000000	
Benzo (g,h,i) Perylene	--	--	5	Di-isopropyl ether (DIPE)	0.8	0.8	2
Benzo (k) Fluoranthene	0.0044	0.049	2	1,4-Dioxane	3	3	
Bis (2-Chloroethoxyl) methane	--	--	5	Ethanol	1000	1000	1000
Bis(2-Chloroethyl) ether	0.031	1.4	1	Ethyl tertiary butyl ether (ETBE)	2	2	2
Bis(2-Chloroisopropyl) ether	1400	170000	10	Methanol	1000	1000	1000
Bis(2-Ethylhexyl) phthalate	1.8	5.9	5	Methyl tertiary butyl ether (MTBE)	5	5	
Butyl benzyl phthalate	3000	5200	10	Perchlorate	6	6	
Chrysene	0.0044	0.049	5	2,3,7,8-TCDD (Dioxin)	1.3E-08	1.3E-08	1.0E-05
				Tertiary amyl methyl ether (TAME)	2	2	2
				Tertiary butyl alcohol (TBA)	12	12	10
				Total petroleum hydrocarbons	100	100	

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