

NPDES Application Supplemental Requirements

Analysis/measurement for the following pollutants should accompany the NPDES application for discharges of wastewater to surface waters.

ID Num.	POLLUTANT	Quantitation Level (µg/L)	Screening Levels MUN ^(a) (µg/L)	Screening Levels Others ^(b) (µg/L)	Minimum Levels (µg/L)
METALS¹					
1097	Antimony (Sb)		6	14	5
1000	Arsenic (As)		10	36	10
1012	Beryllium (Be)		4	NA	0.5
1027	Cadmium (Cd)		2.3	2.2 (9.3) ²	0.5
1033	Chromium III (Cr ³⁺)		50	180	10
1032	Chromium VI (Cr ⁶⁺)		10	10 (82) ²	5
1119	Copper (Cu)		9.0	9.0 (3.1) ²	0.5
720	Cyanide (CN)		5.2	5.2 (NA) ²	5
1051	Lead (Pb)		2.5	25 (8.1) ²	0.5
71900	Mercury (Hg)		0.012	0.012	0.2
1067	Nickel (Ni)		52	52 (8.2) ²	1
1147	Selenium (Se)		5	5 (71) ²	2
1077	Silver (Ag)		3.4	3.4 (1.9) ²	0.25
1059	Thallium (Tl)		1.7	6.3	1
1092	Zinc (Zn)		120	120 (81) ²	1
VOLATILE ORGANICS					
34496	1,1 Dichloroethane		5	5	0.5
34501	1,1 Dichloroethylene		0.057	3.2	0.5
34506	1,1,1 Trichloroethane		200	200	2
34511	1,1,2 Trichloroethane		0.60	42	0.5
34516	1,1,2,2 Tetrachloroethane		0.17	1	0.5
34536	1,2 Dichlorobenzene		600	600	0.5
32103	1,2 Dichloroethane		0.38	99	0.5
34541	1,2 Dichloropropane		0.52	39	0.5
34549	1,2-Trans Dichloroethylene		10	10	1
34566	1,3 Dichlorobenzene		400	2600	2
34561	1,3 Dichloropropylene		0.5	0.5	0.5
34571	1,4 Dichlorobenzene		5	0.5	0.5
34576	2-Chloroethyl vinyl ether		NA	NA	1
34210	Acrolein		100	100	5
34215	Acrylonitrile		0.059	0.66	2.0
34030	Benzene		1.0	1	0.5
32104	Bromoform		4.3	360	0.5
32102	Carbon Tetrachloride		0.25	0.5	0.5
34301	Chlorobenzene		30	21000	2

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34306	Chlorodibromo-methane		0.401	34	0.5
85811	Chloroethane		100	100	2
32106	Chloroform		100	100	2
32101	Dichlorobromo-methane		0.56	46	0.5
78113	Ethylbenzene		700	700	2
34413	Methyl Bromide		10	4000	2.0
34418	Methylene Chloride		4.7	1600	0.5
34475	Tetrachloroethylene		0.8	8.85	0.5
34010	Toluene		150	150	2
39180	Trichloroethylene		2.7	5	0.5
39175	Vinyl Chloride		0.5	0.5	0.5
63	Xylenes		1750	1750	NA
	Acetone		700	700	NA
	Ethylene Dibromide		0.05	0.05	NA
	Methyl Chloride		3	3	0.5
	Methyl ethyl ketone		700	700	NA
	Methyl tertiary butyl ether (MTBE)		5	5	NA
SEMI-VOLATILE ORGANICS					
34346	1,2 Diphenylhydrazine		0.040	0.54	1
34551	1,2,4 Trichlorobenzene		70	NA	5
34586	2 Chlorophenol		120	400	5
34601	2,4 Dichlorophenol		93	790	5
34606	2,4 Dimethylphenol		540	2300	2
34616	2,4 Dinitrophenol		70	14000	5
34611	2,4 Dinitrotoluene		0.11	9.1	5
34624	2,4,6 Trichlorophenol		2.1	6.5	10
34626	2,6 Dinitrotoluene		NA	NA	5
34591	2-Nitrophenol		NA	NA	10
34581	2-Chloronaphthalene		1700	4300	10
34631	3,3' Dichlorobenzidine		0.04	0.077	5
	3-Methyl-4-Chlorophenol		NA	NA	1
3615	2-Methyl-4,6-Dinitrophenol		13	765	5
34646	4-Nitrophenol		NA	NA	5
34636	4-Bromophenyl phenyl ether		NA	NA	5
34641	4-Chlorophenyl phenyl ether		NA	NA	5
34205	Acenaphthene		1200	2700	1
34200	Acenaphthylene		NA	NA	10
34220	Anthracene		9600	110000	5
39120	Benzidine		0.00012	0.00054	5
34526	Benzo (a) Anthracene		0.0044	0.049	5
34247	Benzo (a) Pyrene		0.0044	0.049	2

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34230	Benzo (b) Fluoranthene		0.0044	0.049	10
34521	Benzo (g,h,i) Perylene		NA	NA	5
34242	Benzo (k) Fluoranthene		0.0044	0.049	2
34278	Bis (2-Chloroethoxyl) methane		NA	NA	5
34273	Bis(2-Chloroethyl) ether		0.031	1.4	1
34283	Bis(2-Chloroisopropyl) ether		1400	170000	10
39100	Bis(2-Ethylhexyl) phthalate		1.8	5.9	5
34292	Butyl benzyl phthalate		3000	5200	10
34320	Chrysene		0.0044	0.049	5
34556	Dibenzo(a,h)-anthracene		0.0044	0.049	0.1
34336	Diethyl phthalate		23000	120000	10
34341	Dimethyl phthalate		313000	2900000	10
39110	di-n-Butyl phthalate		2700	12000	10
34596	di-n-Octyl phthalate		NA	NA	10
34376	Fluoranthene		300	370	10
34381	Fluorene		1300	14000	10
39700	Hexachlorobenzene		0.00075	0.00077	1
39702	Hexachlorobutadiene		0.44	50	1
34386	Hexachloro-cyclopentadiene		50	17000	5
34396	Hexachloroethane		1.9	8.9	1
34403	Indeno(1,2,3,cd)-pyrene		0.0044	0.049	0.05
34408	Isophorone		8.4	600	1
34438	N-Nitrosodimethyl amine (NDMA)		0.00069	8.1	5
34428	N-Nitroso-di-n-propyl amine		0.005	1.4	5
34433	N-Nitrosodiphenyl amine		5.0	16	1
34696	Naphthalene		21	NA	10
34447	Nitrobenzene		17	1900	10
39032	Pentachlorophenol		0.28	7.9	1
34461	Phenanthrene		NA	NA	5
34694	Phenol		21000	4600000	50
34469	Pyrene		960	11000	10
PESTICIDES AND PCBs					
39310	4,4'-DDD		0.00083	0.00084	0.05
39320	4,4'-DDE		0.00059	0.00059	0.05
39300	4,4'-DDT		0.00059	0.00059	0.01
78428	Alpha-Endosulfan		0.056	0.0087	0.02
39336	Alpha-BHC		0.0039	0.013	0.01
39330	Aldrin		0.00013	0.00014	0.005
34356	Beta-Endosulfan		0.056	0.0087	0.01
39338	beta-BHC		0.014	0.046	0.005
39350	Chlordane		0.00057	0.00059	0.1

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34198	delta-BHC		NA	NA	0.005
39380	Dieldrin		0.00014	0.00014	0.01
34351	Endosulfan Sulfate		110	240	0.05
39390	Endrin		0.036	0.0023	0.01
34366	Endrin Aldehyde		0.76	0.81	0.01
39410	Heptachlor		0.00021	0.00021	0.01
39420	Heptachlor Epoxide		0.0001	0.00011	0.01
39340	gamma-BHC		0.019	0.063	0.02
4166	PCB 1016		0.00017	0.00017	0.5
4166	PCB 1221		0.00017	0.00017	0.5
4166	PCB 1232		0.00017	0.00017	0.5
4166	PCB 1242		0.00017	0.00017	0.5
4166	PCB 1248		0.00017	0.00017	0.5
4166	PCB 1254		0.00017	0.00017	0.5
4166	PCB 1260		0.00017	0.00017	0.5
39400	Toxaphene		0.00073	0.00075	0.5
MISCELLANEOUS					
82698	2,3,7,8-TCDD (Dioxin)		1.3E-08	1.3E-08	0.00001
948	Asbestos (in fibers count/liter)		7000000	7000000	NA
	Di-isopropyl ether (DIPE)		0.8	0.8	2
	1,4-Dioxane		3	3	NA
	Ethanol		1000	1000	1000
	Ethyl tertiary butyl ether (ETBE)		2	2	2
	Methanol		1000	1000	1000
	Methyl tertiary butyl ether (MTBE)		5	5	NA
	Perchlorate		6	6	NA
	Tertiary amyl methyl ether (TAME)		2	2	2
	Tertiary butyl alcohol (TBA)		12	12	10
	Total petroleum hydrocarbons		100	100	NA
CONVENTIONAL					
	Hardness		NA	NA	NA
	pH (pH unit)		NA	NA	NA
	Suspended Solids		NA	NA	NA
	BOD ⁵ 20°C		NA	NA	NA
	Oil and Grease		NA	NA	NA
	Settleable Solids (ml/L)		NA	NA	NA
	Turbidity		NA	NA	NA
	Total Dissolved Solids		NA	NA	NA
	Chlorides		NA	NA	NA
	Sulfates		NA	NA	NA
	Nitrites+Nitrates (as Nitrogen)		NA	NA	NA

	Sulfides		NA	NA	NA
	Boron		NA	NA	NA

(a) = Applies to water with Municipal and Domestic Supply (MUN) (indicated with E or an I in the Basin Plan) beneficial uses designations.

(b) = Applies to all other receiving waters.

1 = Metals concentrations are expressed as total recoverable.

2 = Applicable to saltwater bodies only.

NA = not applicable.