

Substance	CAS# <sup>1</sup>	Use <sup>2</sup>	Aquatic Life		Units <sup>4</sup>	Date Derived <sup>5</sup> (yyymmdd)	Human Health		Units <sup>4</sup>	Date Derived <sup>5</sup> (yyymmdd)	NPDES Permit <sup>7</sup>
			Criteria <sup>3</sup>				Criteria <sup>6</sup>				
			Acute	Chronic			HTC	HNC			
acenaphthene	83-32-9	GU	120	62	µg/L	990200	--	--			Y
acenaphthylene	208-96-8	GU	(190)	(15)	µg/L	980300	--	--			Y
acetochlor	34256-82-1	GU	150	12	µg/L	070926	590	--	µg/L	070926	
acetone	67-64-1	GU	1.5	0.12	g/L	930525	--	--			Y
acetonitrile	75-05-8	GU	380	30	mg/L	931122	14 20 (G)	--	mg/L mg/L	931122 070123	Y
acrolein	107-02-8	GU	2.7	0.22	µg/L	990200	--	--			Y
acrylamide; 2-propenamide	79-06-1	GU	30	2.4	mg/L	950515	--	--			
acrylonitrile	107-13-1	GU	910	73	µg/L	990200	--	0.21	µg/L	990200	Y
alachlor	15972-60-8	GU	1100	(~100)	µg/L	920323	--	5.6	µg/L	920323	
aldrin	309-00-2	GU	[~3]	--	µg/L	990200	--	0.046	ng/L	990200	
2-amino-4,6-dinitrophenol	96-91-3	GU	(4.6)	(0.4)	mg/L	970400	--	--			
2-amino-4,6-dinitrotoluene	35572-78-2	GU	98	7.9	µg/L	920317	--	--			
4-amino-2,6-dinitrotoluene	19406-51-0	GU	180	14	µg/L	022904	--	--			
1-(2-aminoethyl)piperazine	140-31-8	GU	(220)	(18)	mg/L	921216	--	--			
aniline	62-53-3	GU	120	15	µg/L	980724	--	--			
anthracene	120-12-7	GU	0.66	0.53	µg/L	070530	35	--	mg/L	990200	Y
antimony	7440-36-0	GU	1,200	320	µg/L	080929	12,000 (G) 1,200 6 (PWS)	-- -- --	µg/L µg/L µg/L	080929 080929 080929	
Antimycin A	1397-94-0	GU	(~0.02)	--	µg/L	950200	--	--			
atrazine	1912-24-9	GU	82	9.0	µg/L	050205	--	--			
benzaldehyde	100-52-7	GU	180	14	mg/L	920615	--	--			
benzene (2-bromo-2-nitroethyl)	7166-19-0	GU	(1.1)	(0.86)	mg/L	980908	--	--			
benzidine	92-87-5	GU	--	--			--	0.17	ng/L	990200	
benzo (a) anthracene	56-55-3	GU	--	--			--	0.16	µg/L	990200	Y
benzo (a) pyrene	50-32-8	GU	--	--			--	0.016	µg/L	990200	Y
benzo (b) fluoranthene	205-99-2	GU	--	--			--	0.16	µg/L	990200	Y
benzo (k) fluoranthene	207-08-9	GU	--	--			--	1.6	µg/L	990200	Y
benzoic acid	65-85-0	GU	(18)	(1.4)	mg/L	931108	--	--			
benzyl alcohol	100-51-6	GU	1000	80	µg/L	920615	--	--			
BHC = hexachlorocyclohexane	608-73-1	GU	5	0.4	µg/L	980622	--	--			
alpha	319-84-6	GU	31	2.5	µg/L	990200	--	0.0042	µg/L	990200	
beta	319-85-7	GU	--	--			--	15	ng/L	990200	
gamma = lindane											
delta	319-86-8	GU	--	--			--	[41.4]	ng/L	990200	
bis (2-chloro-1-methylethyl) ether	39638-32-9	GU	--	--			46	--	mg/L	990200	

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			Criteria <sup>3</sup>				Criteria <sup>6</sup>				
			Acute	Chronic			HTC	HNC			
bis (2-ethylhexyl) phthalate	117-81-7	GU	(400)	(380)	µg/L	990200	--	1.9	µg/L	990200	
bis (2-ethylhexyl) phthalate	117-81-7	LM	76	17	µg/L	060620	67 60 (PWS)	3.2 2.8 (PWS)	µg/L µg/L	060620 060620	Y
bisphenol A	80-05-7	GU	470	37	µg/L	940800	--	--			
bromacil	314-40-9	GU	(18)	(1.0)	mg/L	960200	--	--			
bromodichloromethane	75-27-4	GU	(10)	(1)	µg/L	990200	--	13.3 14.9 (G) 0.54 (PWS)	µg/L µg/L µg/L	130328 130328 130328	
bromoform	75-25-2	GU	--	--			--	50	µg/L	990200	
4-bromophenylphenyl ether	101-55-3	GU	36	2.9	µg/L	911115	--	--			
2-butanone=methyl ethyl ketone											
butylate	2008-41-5	GU	(550)	(50)	µg/L	920110	75	--	µg/L	920110	
n-butylbenzene	104-51-8	GU	(39)	(3.1)	µg/L	980713	--	--			
sec-butylbenzene	135-98-8	GU	(82)	(6.6)	µg/L	980713	--	--			
tert-butylbenzene	98-06-6	GU	(96)	(7.7)	µg/L	980713	--	--			
butyl benzyl phthalate	85-68-7	GU	170	23	µg/L	990200	1.7	--	mg/L	990200	
butylphenol, t-	98-54-4	GU	390	31	µg/L	960108	--	--			
butyraldehyde	123-72-8	GU	1800	140	µg/L	960108	--	--			
carbazole	86-74-8	GU	93	7.4	µg/L	920207	--	--			
carbofuran	1563-66-2	GU	4.1	0.3	µg/L	980622	--	--			
carbon disulfide	75-15-0	GU	0.2	0.02	mg/L	930105	--	--			
carbon tetrachloride	56-23-5	GU	3.5	0.28	mg/L	990200	--	1.4	µg/L	990200	Y
chlordane	57-74-9	GU	[-2.4]	[-0.0043]	µg/L	990200	--	0.72	ng/L	990200	
4-chloroaniline	106-47-8	GU	2.4	(0.2)	µg/L	920226	--	--			
chloroacetic acid	79-11-8	GU					4,000 5,700 (G) 60 (PWS)	-- -- --	µg/L µg/L µg/L	190520 190520 190520	
2-chloroaniline	95-51-2	GU	75	6	µg/L	090415	--	--			
chlorobenzene	108-90-7	GU	990	79	µg/L	990200	4.5	--	mg/L	990200	Y
chlorodibromomethane	124-48-1	GU	--	--			--	9.8 11.0 (G) 0.40 (PWS)	µg/L µg/L µg/L	130328 130328 130328	
4-chloro-2,6-dinitrophenol	88-87-9	GU	3.5	0.28	mg/L	980100	--	--			
chloroethane	75-00-3	GU	(13)	(1)	mg/L	990200	--	--			
2-chloroethylvinyl ether	110-75-8	GU	(35)	(3)	mg/L	911113	--	--			
chloroform	67-66-3	GU	1900	150	µg/L	990200	--	130	µg/L	990200	Y
chloromethane	74-87-3	GU	(16)	(1.3)	mg/L	990200	--	--			

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			Criteria <sup>3</sup>				Criteria <sup>6</sup>				
			Acute	Chronic			HTC	HNC			
2-chloronaphthalene	91-58-7	GU	(370)	(30)	µg/L	990200	--	--			
1-chloro-2-nitrobenzene	88-73-3	GU	(880)	(70)	µg/L	960500	--	--			
2-chlorophenol	95-57-8	GU	510	41	µg/L	990200	--	--			
4-chloro-2-(phenylmethyl) phenol	120-32-1	GU	33	2.6	µg/L	980715	--	--			
2-chlorotoluene	95-49-8	GU	(670)	(55)	µg/L	920213	--	--			
chlorpyrifos	2921-88-2	GU	0.11	--	µg/L	920000	--	--			
chrysene	218-01-9	GU	--	--			--	16	µg/L	990200	Y
m-cresol=3-methyl phenol											
cyanazine	21725-45-2	GU	370	30	µg/L	920203	--	--			
cyclohexylamine	108-91-8	GU	(6.1)	(0.49)	mg/L	970130	--	--			
p-cymene = p-isopropyltoluene											
2,4-D	94-75-7	GU	100	8	µg/L	930701	--	--			
4,4'-DDD	72-54-8	GU	--	--			--	0.27	ng/L	990200	
4,4'-DDE	72-55-9	GU	--	--			--	0.19	ng/L	990200	
4,4'-DDT	50-29-3	GU	[~1.1]	[~0.001]	ng/L	990200	--	0.19	ng/L	990200	
demeton	8065-48-3	GU	--	[0.1]	µg/L	990200	--	--			
diazinon	333-41-5	GU	[~0.05]	--	µg/L	920410	--	--			
dibenz[a,h]anthracene	53-70-3	GU	--	--			--	0.016	µg/L	990200	Y
dibenzofuran	132-64-9	GU	190	15	µg/L	980727	--	--			
dicamba	1918-00-9	GU	1500	150	µg/L	930118	--	--			
dibromochloromethane=chlorodibromomethane											
1,2-dibromo-3-chloropropane	96-12-8	GU	(2.4)	(0.19)	mg/L	980713	--	--			
1,2-dichlorobenzene	95-50-1	GU	210	170	µg/L	990200	--	--			Y
1,3-dichlorobenzene	541-73-1	GU	500	200	µg/L	990200	--	--			Y
1,4-dichlorobenzene	106-46-7	GU	1.8	0.62	mg/L	990200	--	--			
3,3'-dichlorobenzidine	91-94-1	GU	--	--			--	25	ng/L	990200	
dichlorobromomethane=bromodichloromethane											
2,2'-dichlorodiethyl ether	111-44-4	GU	24	1.9	mg/L	990200	--	0.42	µg/L	990200	
1,1-dichloroethane	75-34-3	GU	(20)	(2)	mg/L	970618	--	--			Y
1,2-dichloroethane	107-06-2	GU	25	4.5	mg/L	990200	--	0.023	mg/L	990200	Y
1,1-dichloroethene=1,1-dichloroethylene											
1,2-dichloroethene=1,2-dichloroethylene											
1,1-dichloroethylene	75-35-4	GU	3000	240	µg/L	990300	--	110 120 (G) 6.6 (PWS)	µg/L µg/L µg/L	090504 090504 090505	Y
1,2-dichloroethylene	540-59-0	GU	14	1.1	mg/L	081118	--	--			Y
1,2-dichloroethylene	540-59-0	LM	8.8	0.98	mg/L	081118	--	--			

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			Acute	Chronic			HTC	HNC			
<i>trans</i> -1,2-dichloroethylene	156-60-5	GU	--	--			34	--	mg/L	990200	
2,4-dichlorophenol	120-83-2	GU	630	83	µg/L	990200	--	--			Y
1,2-dichloropropane	78-87-5	GU	4.8	0.38	mg/L	990200	5.7	--	µg/L	990200	Y
2,2-dichloropropane	540-20-7	GU	(1.9)	(0.15)	mg/L	980713	--	--			
1,1-dichloropropylene	563-58-6	GU	(530)	(42)	µg/L	911113	--	--			
1,1-dichloropropylene=1,1-dichloropropene											
1,3-dichloropropylene	542-75-6	GU	99	7.9	µg/L	911113	--	--			Y
1,3-dichloropropylene=1,3-dichloropropene											
dieldrin	60-57-1	GU	[0.24]	[-0.056]	µg/L	990200	--	0.046	ng/L	990200	
diethylaminoethanol	100-37-8	GU	(140)	(11)	mg/L	970130	--	--			
di-2-ethylhexyl phthalate (DEHP)=bis-2-ethylhexyl phthalate											
di-ethylphthalate	84-66-2	GU	3.2	0.25	mg/L	990200	--	--			
dimethylformamide, N,N-	68-12-2	GU	1500	120	mg/L	980622	--	--			
2,4-dimethylphenol	105-67-9	GU	740	220	µg/L	990200	--	--			Y
dimethylphthalate	131-11-3	GU	3.3	0.26	mg/L	990200	--	--			
1,3-dinitrobenzene	99-65-0	GU	140	4	µg/L	991019	4.7	--	µg/L	991019	
4,6-dinitro- <i>o</i> -cresol=2-methyl-4,6-dinitrophenol											
di- <i>n</i> -butylphthalate	84-74-2	GU	170	48	µg/L	990200	--	--			
2,4-dinitrophenol	51-28-5	GU	85	4.1	µg/L	990200	--	--			Y
2,4-dinitrotoluene	121-14-2	GU	5000	320	µg/L	990200	2.6	--	µg/L	990200	
2,6-dinitrotoluene	606-20-2	GU	1900	150	µg/L	990200	--	0.4	µg/L	990200	y
dioctylphthalate	117-84-0	GU	--	--	µg/L	990200	--	--			
dioxane	123-91-1	GU	(440)	(36)	mg/L	940200	--	--			
1,2-diphenylhydrazine	122-66-7	GU	25	2	µg/L	990200	--	0.17	µg/L	990200	
diquat	85-00-7	GU	990	80	µg/L	960100	--	--			Y
diquat=diquat bromide											
EDTA	64-02-8	GU	100	8.2	mg/L	960206	--	--			
α-endosulfan	959-98-8	GU	30.8	5.6	ng/L	990200	--	--			
β-endosulfan	33213-65-9	GU	30.8	5.6	ng/L	990200	--	--			
endosulfan sulfate	1031-07-8	GU	30.8	5.6	ng/L	990200	--	--			
endothall	145-73-3	GU	(~10)	(~1)	mg/L	980200	--	--			
endrin	72-20-8	GU	160	33	ng/L	990200	--	--			
ethalfuralin	55283-68-6	GU	3.2	(0.3)	µg/L	920114	--	--			
ethane,1,1'-oxybis 2-methoxy	111-96-6	GU	(340)	(28)	mg/L	981120	--	--			
ether, bis chloromethyl	542-88-1	GU	--	--			0.25	--	ng/L	990200	
ethanolamine	141-43-5	GU	5.5	0.44	mg/L	980806	--	--			
ethyl alcohol	64-17-5	GU	(1.1)	(0.085)	g/L	910307	--	--			

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			Acute	Chronic			HTC	HNC			
ethylene glycol	107-21-1	GU	1.6	0.13	mg/L	921216	--	--			
ethylene glycol dimethyl ether	110-71-4	GU	(260)	(21)	mg/L	981001	--	--			
ethylene thiourea	96-45-7	GU	(2.6)	(0.21)	mg/L	970400	--	--			
2-ethylhexyl glycidyl ether	2461-15-6	GU	(1400)	(140)	µg/L	960700	--	--			
ethyl mercaptan	75-08-1	GU	17	2	µg/L	020408	--	--			Y
fluoranthene	206-44-0	GU	4.3	1.8	µg/L	070606	120	--	µg/L	990200	Y
fluorene	86-73-7	GU	59	16	µg/L	070606	4.5	--	mg/L	990200	Y
fonofos	944-22-9	GU	0.66	(0.028)	µg/L	920121	--	--			
formaldehyde	50-00-0	GU	4.9	0.39	mg/L	930119	--	--			Y
furfural	98-01-1	GU	1.3	0.10	mg/L	930700	--	--			
furfuryl alcohol	98-00-0	GU	(20)	(2)	mg/L	960700	--	--			
glyphosate	1071-83-6	GU	1.5	0.12	mg/L	931005	--	--			
guthion	86-50-0	GU	--	[0.01]	µg/L	990200	--	--			
heptachlor	76-44-8	GU	[520]	[3.8]	ng/L	990200	--	0.068	ng/L	990200	
heptachlor epoxide	1024-57-3	GU	[520]	[3.8]	ng/L	990200	--	0.036	ng/L	990200	
heptane	142-82-5	GU	(8.3)	(0.66)	mg/L	921100	--	--			
hexachlorobenzene	118-74-1	GU	--	--			--	0.25	ng/L	990200	Y
hexachlorobutadiene	87-68-3	GU	35	2.8	µg/L	990200	--	--			Y
hexachlorocyclohexane=BHC											
hexachlorocyclopentadiene	77-47-4	GU	(1)	(0.1)	µg/L	990200	--	--			
hexachloroethane	67-72-1	GU	380	31	µg/L	990200	--	2.9	µg/L	990200	Y
n-hexane	110-54-3	GU	250	20	µg/L	020408	--	--			Y
2-hexanone	591-78-6	GU	(12)	(0.95)	mg/L	980713	--	--			
HMX	2691-41-0	GU	3.2	0.26	mg/L	970400	--	--			
hyamine 3500	8001-54-5	GU	(~10)	(~1)	µg/L	960100	--	--			
hydrazine	302-01-2	GU	19	1.5	µg/L	970300	--	2.3	µg/L	900913	Y
hydroquinone	123-31-9	GU	10	0.8	µg/L	920413	--	--			
4-hydroxy-4-methyl-2-pentanone	123-42-2	GU	42	3.4	mg/L	921216	--	--			
indene	95-13-6	GU	1.4	0.11	mg/L	920428	--	--			
indeno [1,2,3-cd] pyrene	193-39-5	GU	--	--			--	0.16	µg/L	990200	Y
iodine	7553-56-2	GU	(61)	(4.9)	µg/L	980622	--	--			
isobutyl alcohol=2-methyl-1-propanol											
isodrin	465-73-6	GU	(1)	(0.1)	µg/L	980300	--	--			
isophorone	78-59-1	GU	12	0.96	mg/L	990200	--	0.76	mg/L		
isopropyl acetate	108-21-4	GU	(200)	(20)	mg/L	930514	--	--			
p-isopropyltoluene	99-87-6	GU	(85)	(6.8)	µg/L	980713	--	--			
lindane	58-89-9	GU	[-0.95]	--	µg/L	990200	--	0.02	µg/L	990200	

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			Criteria <sup>3</sup>				Criteria <sup>6</sup>				
			Acute	Chronic			HTC	HNC			
malathion	121-75-5	GU	[0.4]	[0.04]	µg/L	980729	--	--			
methanol	67-56-1	GU	5.5	0.44	g/L	930600	--	--			
methoxychlor	72-43-5	GU	(0.25)	(0.02)	µg/L	921104	--	--			
methoxyethanol, 2-	109-86-4	GU	(800)	(60)	mg/L	980622	--	--			
methyl acrylate	96-33-3	GU	(500)	(50)	µg/L	920316	--	--			
methyl tert butyl ether	1634-04-4	GU	(67)	(5.4)	mg/L	970918	--	--			Y
3-methyl-4-chlorophenol	59-50-7	GU	310	25	µg/L	990300	--	--			Y
2-methyl-4,6-dinitrophenol	534-52-1	GU	29	2.3	µg/L	990200	--	--			Y
methylene bis (thiocyanate)	6317-18-6	GU	(-7)	(-3)	µg/L	950105	--	--			
methylene chloride	75-09-2	GU	17	1.4	mg/L	990200	--	330 490 (G) 4.6 (PWS)	µg/L µg/L µg/L	081125 081125 081125	Y
methylene chloride	75-09-2	LM	10.8	1.2	mg/L	060620	Standard at 302.504				Y
methyl ethyl ketone	78-93-3	GU	320	26	mg/L	920701	--	--			Y
methyl methacrylate	80-62-6	GU	19	1.5	mg/L	911217	--	--			
methyl naphthalene	1321-94-4	GU	150	12	µg/L	921026	--	--			
4-methyl-2-pentanol	108-11-2	GU	(-9)	(-0.9)	mg/L	970600	--	--			
4-methyl-2-pentanone	108-10-1	GU	46	1.4	mg/L	920113	--	--			Y
4-methylphenol	106-44-5	GU	670	120	µg/L	921026	--	--			Y
3-methyl phenol	108-39-4	GU	1.6	0.13	mg/L	930700	--	--			
2-methylphenol	95-48-7	GU	4.7	0.37	mg/L	931108	--	--			Y
2-methyl-1-propanol	78-83-1	GU	430	35	mg/L	920213	--	--			Y
metolachlor	51218-45-2	GU	380	30.4	µg/L	071001	--	--			
metribuzin	21087-64-9	GU	8.4	--	mg/L	920316	8.3	--	mg/L	920316	
mirex	23-85-5	GU	--	[1]	ng/L	990200	--	--			
morpholine	110-71-8	GU	11	0.85	mg/L	951000	--	--			
MTBE=methyl tert butyl ether											
naphthalene	91-20-3	GU	510	68	µg/L	990200	--	--			Y
2-nitroaniline	88-74-4	GU	(2)	(0.2)	mg/L	950700	--	--			
4-nitroaniline	100-01-6	GU	(1.5)	(0.12)	mg/L	960500	--	--			Y
nitrobenzene	98-95-3	GU	15	8.5	mg/L	990200	0.53	--	mg/L	990200	Y
2-nitrophenol	88-75-5	GU	6.7	0.54	mg/L	990300	--	--			
4-nitrophenol	100-02-7	GU	3.2	1.9	mg/L	990300	--	--			
2-nitrotoluene	88-72-2	GU	770	62	µg/L	970400	--	--			
N-methylpyrrolidone	872-50-4	GU	(680)	(54)	mg/L	980908	--	--			
nonylphenol	25154-52-3	GU	(-5)	(-0.5)	µg/L	980900	--	--			
PCBs	1336-36-3	GU	--	--				0.056	ng/L	111206	

Substance	CAS# <sup>1</sup>	Use <sup>2</sup>	Aquatic Life		Units <sup>4</sup>	Date Derived <sup>5</sup> (yyymmdd)	Human Health		Units <sup>4</sup>	Date Derived <sup>5</sup> (yyymmdd)	NPDES Permit <sup>7</sup>
			Criteria <sup>3</sup>				Criteria <sup>6</sup>				
			Acute	Chronic			HTC	HNC			
							0.056 (G) 0.056 (PWS)	ng/L ng/L	111206 111206		
parathion	56-38-2	GU	[65]	[13]	ng/L	990200	--	--			
pendimethalin	40487-42-1	GU	(350)	(30)	µg/L	920114	--	--			
pentachlorobenzene	608-93-5	GU	25	2	µg/L	990200	1.3	--	µg/L	990200	
pentachlorophenol	87-86-5	GU	[20] pH	[13] pH	µg/L	990200	--	2.5	µg/L	990200	Y
pentane	109-66-0	GU	(130)	(11)	µg/L	980622	--	--			
peracetic acid	79-21-0	GU	160	340	µg/L	190513					
perchloroethylene=tetrachloroethylene											
permethrin	52645-53-1	GU	0.15	0.024	µg/L	931012	--	--			
phenanthrene	85-01-8	GU	46	3.7	µg/L	990200	--	--		Y	
p-phenyl phenol	92-69-3	GU	230	19	µg/L	920930	--	--			
o-phenyl phenol	90-43-7	GU	230	19	µg/L	920930	--	--			
1-phenyl-3-pyrazolidinone	92-43-3	GU	(320)	(25)	µg/L	920413	--	--			
n-propylbenzene	103-65-1	GU	(130)	(10)	µg/L	980713	--	--			
propylene	115-07-1	GU	(4)	(0.4)	mg/L	020408	--	--		Y	
propylene glycol	57-55-6	GU	71	5.7	mg/L	970400	--	--			
pseudocumene=trimethylbenzene											
pyrene	129-00-0	GU	--	--			3.5	--	mg/L	990200	Y
RDX	121-82-4	GU	2	0.5	mg/L	930105	--	--			
rotenone	83-79-4	GU	4.5	0.32	µg/L	920728	--	--			
simazine	123-34-9	GU	(~1)	(~0.05)	mg/L	980400	--	--			
sodium azide	266-22-8	GU	70	(5.6)	µg/L	910408	2	--	µg/L	910408	
sodium molybdate	7631-95-0	GU	(6.6)	(0.52)	mg/L	950500	--	--			
styrene	100-42-5	GU	2.5	0.2	mg/L	921026	--	--			
2,3,7,8-TCDD	1746-01-6	GU	--	--			--	4.6	fg/L	990300	
terbufos	13071-79-9	GU	0.024	(0.002)	µg/L	920121	--	--			
1,2,4,5-tetrachlorobenzene	95-94-3	GU	160	13	µg/L	990200	0.93	--	µg/L	990200	
tetrachlorodibenzofuran, 2378	51207-31-9	GU	--	(<0.5)	ng/L	980622	--	--			
1,1,2,2-tetrachloroethane	79-34-5	GU	1800	140	µg/L	990300	--	3.2	µg/L	990300	
tetrachloroethylene	127-18-4	GU	1.2	0.15	mg/L	990300	--	--		Y	
tetrahydrofuran	109-99-9	GU	220	17	mg/L	920316	--	--		Y	
thallium	7440-28-0	GU	86	11	µg/L	081118	3.0 3.0 (G) 1.2 (PWS)	-- -- --	µg/L µg/L µg/L	081118 081118 081118	Y
thallium	7440-28-0	LM	54	15	µg/L	081118	3.7 1.3 (PWS)	-- --	µg/L µg/L	081118 081118	

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			Criteria <sup>3</sup>				Criteria <sup>6</sup>				
			Acute	Chronic			HTC	HNC			
TNT=2,4,6-trinitrotoluene											
toluene diisocyanate	584-84-9	GU	(16)	(1.3)	mg/L	920811	--	--			
toxaphene	8001-35-2	GU	[-730]	[-0.2]	ng/L	990200	--	0.24	ng/L	990200	
trichlorfon	52-68-6	GU	(0.1)	(0.01)	µg/L	920108	--	--			
1,2,3-trichlorobenzene	87-61-6	GU	(35)	(2.8)	µg/L	970103	--	--			
1,2,4-trichlorobenzene	120-82-1	GU	370	72	µg/L	990200	--	--			Y
1,3,5-trichlorobenzene	108-70-3	GU	(330)	(30)	µg/L	980700	--	--			
1,1,1-trichloroethane	71-55-6	GU	4900	390	µg/L	990300	--	--			Y
1,1,2-trichloroethane	79-00-5	GU	19	4.4	mg/L	990200	--	12	µg/L	990200	Y
trichloroethene = trichloroethylene											
trichloroethylene	79-01-6	GU	12	0.94	mg/L	990200	--	25	µg/L	990200	Y
							--	26 (G)	µg/L	081118	
							--	2.5 (PWS)	µg/L	081118	
trichlorofluoromethane	75-69-4	GU	--	--			(250)	--	mg/L	940200	
trichlorophenols	25167-82-2	GU	120	9.5	µg/L	960100	--	--			
2,4,5-trichlorophenol	95-95-4	GU	--	--			3.2	--	mg/L	990200	
2,4,6-trichlorophenol	88-06-2	GU	41	6.3	µg/L	920224	--	2.1	µg/L	990200	
trifluralin	1582-09-8	GU	26	1.1	µg/L	920322	--	--			
1,3,5-trimethyl benzene	108-67-8	GU	(140)	(11)	µg/L	980713	--	--			
1,2,4-trimethyl benzene	95-63-6	GU	360	29	µg/L	980715	--	--			
1,3,5-trinitrobenzene	99-35-4	GU	38	15	µg/L	970400	0.58	--	µg/L	970400	
2,4,6-trinitrophenol	88-89-1	GU	8.8	0.7	mg/L	970400	--	--			
2,4,6-trinitrotoluene	118-96-8	GU	930	75	µg/L	960800	220	--	µg/L	960800	
uranine	518-47-8	GU	(230)	(23)	mg/L	960100	--	--			
vinyl acetate	108-05-4	GU	1800	140	µg/L	911217	--	--			
vinyl chloride	75-01-4	GU	22	1.7	mg/L	081117	--	1.5	µg/L	081117	Y
							--	2.0 (G)	µg/L	081117	
							--	0.025 (PWS)	µg/L	081117	
vinyl chloride	75-01-4	LM	8.4	0.93	mg/L	060620	4860	14.4	µg/L	060620	Y
							83 (PWS)	0.25 (PWS)	µg/L	060620	

<sup>1</sup> CAS# = Chemical Abstracts Service Number.

<sup>2</sup> GU = General Use (Section 303.201); LM = Lake Michigan (Section 303.443).

<sup>3</sup> "Aquatic Life" means native populations of fish and other aquatic life (Section 301.220). Acute criteria are not to be exceeded at any time, chronic criteria are not to be exceeded by the arithmetic average of at least four consecutive samples collected over a period of at least four days. Values enclosed by "( )" were not calculated according to the



Substance	CAS# <sup>1</sup>	Use <sup>2</sup>	Aquatic Life		Units <sup>4</sup>	Date Derived <sup>5</sup> (yyymmdd)	Human Health		Units <sup>4</sup>	Date Derived <sup>5</sup> (yyymmdd)	NPDES Permit <sup>7</sup>
			Criteria <sup>3</sup>				Criteria <sup>6</sup>				
			<u>Acute</u>	<u>Chronic</u>			<u>HTC</u>	<u>HNC</u>			

regulations due to limited data, these values should only be used for advisory purposes such as establishing "reasonable potential". Values enclosed by "[ ]" are national criteria and should be used for advisory purposes only.

<sup>4</sup> g/L = grams per liter; mg/L = 10<sup>-3</sup> g/L; µg/L = 10<sup>-6</sup> g/L; ng/L = 10<sup>-9</sup> g/L; pg/L = 10<sup>-12</sup> g/L; fg/L = 10<sup>-15</sup> g/L.

<sup>5</sup> Date of most recent derivation or revision is listed, older criteria will be updated as new data becomes available.

<sup>6</sup> HTC = Human Threshold Criterion (Section 302.642); HNC = Human Nonthreshold Criterion (Section 302.651). HTC are based on noncancerous effects; HNC are based on cancerous effects. Criteria are based on fish consumption and incidental exposure through contact or ingestion of small volumes of water while swimming or during other recreational activities for areas which are determined to be public access areas pursuant to Section 302.102(b)(3). All criteria are initially derived for protection of primary contact uses, values followed by "(G)" are criteria applicable to General Use waters whose physical configurations are not supportive of primary contact uses (302.202). Values followed by "(PWS)" are applicable to surface waters near a point of intake for public or food processing water supply (303.202). Human health criteria have been calculated for many more substances than are listed, but, since the values are much higher than those for Aquatic Life, they are not included.

<sup>7</sup> These criteria have been used to derived Water Quality Based Effluent Limits at some time.

**\*\* List last revised on 10/11/2019\*\***