

**Appendix A**  
**Table 3 – Medium-Specific Concentrations (MSCs) for Organic Regulated Substances in Soil**  
**B. Soil to Groundwater Numeric Values<sup>1</sup>**

REGULATED SUBSTANCE	CASRN	Used Aquifers												Nonuse Aquifers				Soil Buffer Distance (feet)		
		TDS ≤ 2500 mg/L						TDS > 2500 mg/L						Residential		Nonresidential				
		Residential			Nonresidential			Residential			Nonresidential			Residential		Nonresidential				
		100 X GW MSC	Generic Value	E	100 X GW MSC	Generic Value	E	100 X GW MSC	Generic Value	E	100 X GW MSC	Generic Value	E	100 X GW MSC	Generic Value	E	100 X GW MSC		Generic Value	E
ACENAPHTHENE	83-32-9	[250] 210	[3,100] 2,600	E	380	4,700	E	380	4,700	E	380	4,700	E	380	4,700	E	380	4,700	E	15
ACENAPHTHYLENE	208-96-8	[250] 210	[2,800] 2,400	E	[700] 580	[8,000] 6,600	E	1,600	18,000	E	1,600	18,000	E	1,600	18,000	E	1,600	18,000	E	15
ACEPHATE	30560-19-1	[8.4] 4.2	[1.0] 0.5	E	[39] 12	[4.6] 1.4	E	[840] 420	[100] 50	E	[3,900] 1,200	[460] 140	E	[8.4] 4.2	[1.0] 0.5	E	[39] 12	[4.6] 1.4	E	NA
ACETALDEHYDE	75-07-0	1.9	0.23	E	7.9	0.96	E	190	23	E	790	96	E	1.9	0.23	E	7.9	0.96	E	NA
ACETONE	67-64-1	[3,800] 3,100	[430] 350	E	[10,000] 0 8,800	[1,200] 980	E	10,000	10,000	C	10,000	10,000	C	10,000	[4,300] 3,500	E	10,000	[10,000] 0 9,800	[C] E	NA
ACETONITRILE	75-05-8	13	1.5	E	53	6	E	1,300	150	E	5,300	600	E	130	15	E	530	60	E	NA
ACETOPHENONE	98-86-2	[420] 350	[230] 190	E	[1,200] 970	[640] 520	E	10,000	10,000	C	10,000	10,000	C	[420] 350	[230] 190	E	[1,200] 970	[640] 520	E	NA
ACETYLAMINOFLUORENE, 2- (2AAF)	53-96-3	[0.019] 0.017	[0.08] 0.07	E	[0.089] 0.072	[0.37] 0.3	E	[1.9] 1.7	[8] 7	E	[8.9] 7.2	[37] 30	E	[19] 17	[78] 70	E	[89] 72	[370] 300	E	20
ACROLEIN	107-02-8	0.0042	0.00047	E	0.018	0.002	E	0.42	0.047	E	1.8	0.2	E	0.042	0.0047	E	0.18	0.02	E	NA
ACRYLAMIDE	79-06-1	0.019	0.0033	E	0.25	0.043	E	1.9	0.33	E	25	4.3	E	0.019	0.0033	E	0.25	0.043	E	NA
ACRYLIC ACID	79-10-7	0.21	0.039	E	0.88	0.16	E	21	3.9	E	88	16	E	21	3.9	E	88	16	E	NA
ACRYLONITRILE	107-13-1	0.072	0.01	E	0.37	0.051	E	7.2	1	E	37	5.1	E	7.2	1	E	37	5.1	E	NA
ALACHLOR	15972-60-8	0.2	0.077	E	0.2	0.077	E	20	7.7	E	20	7.7	E	0.2	0.077	E	0.2	0.077	E	NA
ALDICARB	116-06-3	0.3	0.05	E	0.3	0.05	E	30	5	E	30	5	E	300	50	E	300	50	E	NA
ALDICARB SULFONE	1646-88-4	0.2	0.027	E	0.2	0.027	E	20	2.7	E	20	2.7	E	0.2	0.027	E	0.2	0.027	E	NA
ALDICARB SULFOXIDE	1646-87-3	0.4	0.045	E	0.4	0.045	E	40	4.5	E	40	4.5	E	0.4	0.045	E	0.4	0.045	E	NA
ALDRIN	309-00-2	[0.004] 3 0.0038	[0.52] 0.46	E	[0.02] 0.016	[2.4] 1.9	E	[0.43] 0.38	[52] 46	E	[2.0] 1.6	[240] 190	E	2	240	E	2	240	E	10
ALLYL ALCOHOL	107-18-6	0.021	0.0025	E	0.088	0.01	E	2.1	0.25	E	[9] 8.8	1	E	2.1	0.25	E	[9] 8.8	1	E	NA
AMETRYN	834-12-8	6	6.5	E	6	6.5	E	600	650	E	600	650	E	6	6.5	E	6	6.5	E	NA
AMINOBIHENYL, 4-	92-67-1	[0.003] 5 0.0031	[0.0014] 0.0012	E	[0.016] 0.013	[0.006] 0.005	E	[0.35] 0.31	[0.14] 0.12	E	[1.6] 1.3	[0.62] 0.5	E	[3.5] 3.1	[1.4] 1.2	E	[16] 13	[6.2] 5	E	NA

<sup>1</sup> For other options see Section 250.308

All concentrations in mg/kg

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REGULATED SUBSTANCE	CASRN	Used Aquifers										Nonuse Aquifers				Soil Buffer Distance (feet)				
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		Residential		Nonresidential			Residential		Nonresidential			100 X GW MSC	Generic Value	100 X GW MSC	Generic Value					
		100 X GW MSC	Generic Value	100 X GW MSC	Generic Value	E	100 X GW MSC	Generic Value	100 X GW MSC	Generic Value	E	100 X GW MSC	Generic Value	100 X GW MSC	Generic Value					
AMITROLE	61-82-5	[0.078] 0.069	[0.032] 0.028	E	[0.36] 0.29	[0.15] 0.12	E	[8] 6.9	[3.2] 2.8	E	[36] 29	[15] 12	E	[78] 69	[32] 28	E	[360] 290	[150] 120	E	NA
AMMONIA	7664-41-7	3,000	360	E	3,000	360	E	10,000	10,000	C	10,000	10,000	C	3,000	360	E	3,000	360	E	NA
AMMONIUM SULFAMATE	7773-06-0	200	24	E	200	24	E	20,000	2,400	E	20,000	2,400	E	200	24	E	200	24	E	NA
ANILINE	62-53-3	0.21	0.12	E	0.88	0.52	E	21	12	E	88	52	E	0.21	0.12	E	0.88	0.52	E	NA
ANTHRACENE	120-12-7	6.6	350	E	6.6	350	E	6.6	350	E	6.6	350	E	6.6	350	E	6.6	350	E	10
ATRAZINE	1912-24-9	0.3	0.13	E	0.3	0.13	E	30	13	E	30	13	E	0.3	0.13	E	0.3	0.13	E	NA
AZINPHOS-METHYL (GUTHION)	86-50-0	[13] 5.2	[15] 5.9	E	[35] 15	[40] 17	E	[1,300] 520	[1,500] 590	E	[3,200] 1,500	[3,600] 1,700	E	[13] 5.2	[15] 5.9	E	[35] 15	[40] 17	E	NA
BAYGON (PROPOXUR)	114-26-1	0.3	0.057	E	0.3	0.057	E	30	5.7	E	30	5.7	E	300	57	E	300	57	E	NA
BENOMYL	17804-35-2	[200] 27	[970] 130	E	[200] 110	[970] 530	E	200	970	E	200	970	E	[200] 27	[970] 130	E	[200] 110	[970] 530	E	20
BENTAZON	25057-89-0	20	2.9	E	20	2.9	E	2,000	290	E	2,000	290	E	20	2.9	E	20	2.9	E	NA
BENZENE	71-43-2	0.5	0.13	E	0.5	0.13	E	50	13	E	50	13	E	50	13	E	50	13	E	NA
BENZIDINE	92-87-5	[0.000] 0.098 0.0000 92	[0.13] 0.12	E	[0.001] 5] 0.001 2	[2] 1.6	E	[0.0098] 1] 0.0092	[13] 12	E	[0.15] 0.12	[200] 160	E	[0.098] 0.092	[130] 120	E	[1.5] 1.2	[2,000] 1,600	E	5
BENZO[A]ANTHRACENE	56-55-3	[0.032] 0.03	[28] 26	E	[0.49] 0.39	[430] 340	E	1.1	960	E	1.1	960	E	1.1	960	E	1.1	960	E	5
BENZO[A]PYRENE	50-32-8	0.02	46	E	0.02	46	E	0.38	860	E	0.38	860	E	0.38	860	E	0.38	860	E	5
BENZO[B]FLUORANTHENE	205-99-2	[0.019] 0.018	[26] 25	E	0.12	170	E	0.12	170	E	0.12	170	E	0.12	170	E	0.12	170	E	5
BENZO[GHI]PERYLENE	191-24-2	0.026	180	E	0.026	180	E	0.026	180	E	0.026	180	E	0.026	180	E	0.026	180	E	5
BENZO[K]FLUORANTHENE	207-08-9	[0.019] 0.018	[210] 200	E	0.055	610	E	0.055	610	E	0.055	610	E	0.055	610	E	0.055	610	E	5
BENZOIC ACID	65-85-0	[17,00] 0] 14,000	[3,200] 2,700	E	[47,00] 0] 39,00 0	[9,000] 7,500	E	190,00 0	52,000	E	190,00 0	52,000	E	[17,000] 14,000	[3,200] 2,700	E	[47,000] 39,000	[9,000] 7,500	E	NA
BENZOTRICHLORIDE	98-07-7	[0.0056] 0.005	[0.014] 0.012	E	[0.026] 0.021	[0.063] 0.051	E	[0.56] 0.5	[1.4] 1.2	E	[3] 2.1	[6.3] 5.1	E	[5.6] 0.5	[14] 1.2	E	[26] 2.1	[63] 5.1	E	30

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		Residential		Nonresidential			Residential		Nonresidential			100 X GW MSC	Generic Value	100 X GW MSC	Generic Value					
		100 X GW MSC	Generic Value	100 X GW MSC	Generic Value	E	100 X GW MSC	Generic Value	100 X GW MSC	Generic Value	E	100 X GW MSC	Generic Value	100 X GW MSC	Generic Value					
BENZYL ALCOHOL	100-51-6	[420] 350	[150] 130	E	[1,200] 970	[430] 350	E	10,000	10,000	C	10,000	10,000	C	[420] 350	[150] 130	E	[1,200] 970	[430] 350	E	NA
BENZYL CHLORIDE	100-44-7	0.1	0.059	E	0.51	0.3	E	10	5.9	E	51	30	E	10	5.9	E	51	30	E	NA
BETA PROPIOLACTONE	57-57-8	0.0012	0.00015	E	0.006 3	0.0007 6	E	[0.1] 0.12	0.015	E	0.63	0.076	E	0.012	0.0015	E	0.063	0.0076	E	NA
BHC, ALPHA	319-84-6	[0.012] 0.01	[0.055] 0.046	E	[0.054] 0.043	[0.25] 0.2	E	1	[5.5] 4.6	E	[5.4] 4.3	[25] 20	E	[12] 10	[55] 46	E	[54] 43	[250] 200	E	20
BHC, BETA-	319-85-7	[0.041] 0.036	[0.24] 0.21	E	[0.19] 0.15	[1.1] 0.88	E	[4.1] 3.6	[24] 21	E	10	59	E	10	59	E	10	59	E	15
BHC, GAMMA (LINDANE)	58-89-9	0.02	0.072	E	0.02	0.072	E	2	7.2	E	2	7.2	E	20	72	E	20	72	E	20
BIPHENYL, 1,1-	92-52-4	[9.1] 0.084	[40] 0.37	E	[43] 0.35	[190] 1.5	E	[720] 8.4	[3,100] 37	E	[720] 35	[3,100] 150	E	[720] 8.4	[3,100] 37	E	[720] 35	[3,100] 150	E	20
BIS(2-CHLOROETHOXY) METHANE	111-91-1	[13] 10	[3.4] 2.6	E	[35] 29	[9.2] 7.6	E	[1,300] 1,000	[340] 260	E	[3,500] 2,900	[920] 760	E	[13] 10	[3.4] 2.6	E	[35] 29	[9.2] 7.6	E	NA
BIS(2-CHLOROETHYL)ETHER	111-44-4	0.015	0.0045	E	0.076	0.023	E	1.5	0.45	E	7.6	2.3	E	1.5	0.45	E	7.6	2.3	E	NA
BIS(2-CHLORO-ISOPROPYL)ETHER	108-60-1	30	8	E	30	8	E	3,000	800	E	3,000	800	E	3,000	800	E	3,000	800	E	NA
BIS(CHLOROMETHYL)ETHER	542-88-1	0.0000 79	0.000012	E	0.000 4	0.0000 6	E	0.0079	[0.001] 0.0012	E	0.04	0.006	E	0.0079	[0.001] 0.0012	E	0.04	0.006	E	NA
BIS[2-ETHYLHEXYL] PHTHALATE	117-81-7	0.6	130	E	0.6	130	E	29	6,300	E	29	6,300	E	29	6,300	E	29	6,300	E	10
BISPHENOL A	80-05-7	[210] 170	[810] 660	E	[580] 490	[2,200] 1,900	E	12,000	46,000	E	12,000	46,000	E	12,000	46,000	E	12,000	46,000	E	20
BROMACIL	314-40-9	7	1.8	E	7	1.8	E	700	180	E	700	180	E	7	1.8	E	7	1.8	E	NA
<b>BROMOBENZENE</b>	<b>108-86-1</b>	<b>0.006</b>	<b>0.0047</b>	<b>E</b>	<b>0.006</b>	<b>0.0047</b>	<b>E</b>	<b>0.6</b>	<b>0.47</b>	<b>E</b>	<b>0.6</b>	<b>0.47</b>	<b>E</b>	<b>0.006</b>	<b>0.0047</b>	<b>E</b>	<b>0.006</b>	<b>0.0047</b>	<b>E</b>	<b>NA</b>
BROMOCHLOROMETHANE	74-97-5	9	1.6	E	9	1.6	E	900	160	E	900	160	E	9	1.6	E	9	1.6	E	NA
BROMODICHLORO METHANE (THM)	75-27-4	8	2.7	E	8	2.7	E	800	270	E	800	270	E	8	2.7	E	8	2.7	E	NA
BROMOMETHANE	74-83-9	1	0.54	E	1	0.54	E	100	54	E	100	54	E	100	54	E	100	54	E	NA
BROMOXYNIL	1689-84-5	[83] 0.63	[71] 0.54	E	[230] 2.6	[200] 2.2	E	[8,300] 63	[7,100] 54	E	[13,000] 0] 260	[11,000] ] 220	E	[83] 0.63	[71] 0.54	E	[230] 2.6	[200] 2.2	E	NA

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		Residential		Nonresidential			Residential		Nonresidential			Residential		Nonresidential						
		100 X GW MSC	Generic Value	100 X GW MSC	Generic Value	100 X GW MSC	Generic Value	100 X GW MSC	Generic Value	100 X GW MSC	Generic Value	100 X GW MSC	Generic Value	100 X GW MSC	Generic Value					
BROMOXYNIL OCTANOATE	1689-99-2	[8] 0.63	[360] 28	E	[8] 2.6	[360] 120	E	8	360	E	8	360	E	8	360	E	8	360	E	15
BUTADIENE, 1,3-	106-99-0	[0.021] 0.11	[0.0086] 0.045	E	[0.1] 0.45	[0.041] 0.19	E	[2.1] 11	[0.86] 4.5	E	[10] 45	[4.1] 19	E	[2.1] 11	[0.86] 4.5	E	[10] 45	[4.1] 19	E	NA
BUTYL ALCOHOL, N-	71-36-3	[420] 350	[50] 42	E	[1,200] ] 970	[140] 120	E	10,000	[5,000] 4,200	E	10,000	10,000	C	[4,200] 3,500	[500] 420	E	[10,000] ] 9,700	[1,400] 1,200	E	NA
BUTYLATE	2008-41-5	40	58	E	40	58	E	4,000	5,800	E	4,000	5,800	E	40	58	E	40	58	E	30
BUTYLBENZENE, N-	104-51-8	[210] 170	[1,300] 1,100	E	[580] 490	[3,700] 3,100	E	1,500	9,500	E	1,500	9,500	E	[210] 170	[1,300] 1,100	E	[580] 490	[3,700] 3,100	E	15
BUTYLBENZENE, SEC-	135-98-8	[420] 350	[980] 820	E	[1,200] ] 970	[2,800] 2,300	E	1,700	4,000	E	1,700	4,000	E	[420] 350	[980] 820	E	[1,200] 970	[2,800] 2,300	E	30
BUTYLBENZENE, TERT-	98-06-6	[420] 350	[760] 630	E	[1,200] ] 970	[2,200] 1,800	E	3,000	5,400	E	3,000	5,400	E	[420] 350	[760] 630	E	[1,200] 970	[2,200] 1,800	E	30
BUTYLBENZYL PHTHALATE	85-68-7	[38] 34	[3,200] 2,900	E	[180] 140	10,000	C	270	10,000	C	270	10,000	C	270	10,000	C	270	10,000	C	10
CAPTAN	133-06-2	[32] 28	[20] 17	E	50	31	E	50	31	E	50	31	E	50	31	E	50	31	E	NA
CARBARYL	63-25-2	[420] 350	[250] 210	E	[1,200] ] 970	[700] 570	E	12,000	7,000	E	12,000	7,000	E	12,000	7,000	E	12,000	7,000	E	NA
CARBAZOLE	86-74-8	[3.7] 3.3	[24] 21	E	[17] 14	[110] 89	E	120	760	E	120	760	E	[4] 3.3	[24] 21	E	[17] 14	[110] 89	E	15
CARBOFURAN	1563-66-2	4	0.87	E	4	0.87	E	400	87	E	400	87	E	4	0.87	E	4	0.87	E	NA
CARBON DISULFIDE	75-15-0	150	130	E	620	530	E	10,000	10,000	C	10,000	10,000	C	150	130	E	620	530	E	NA
CARBON TETRACHLORIDE	56-23-5	0.5	0.26	E	0.5	0.26	E	50	26	E	50	26	E	5	2.6	E	5	2.6	E	NA
CARBOXIN	5234-68-4	70	53	E	70	53	E	7,000	5,300	E	7,000	5,300	E	70	53	E	70	53	E	NA
CHLORAMBEN	133-90-4	10	1.6	E	10	1.6	E	1,000	160	E	1,000	160	E	10	1.6	E	10	1.6	E	NA
CHLORDANE	57-74-9	0.2	49	E	0.2	49	E	5.6	1,400	E	5.6	1,400	E	5.6	1,400	E	5.6	1,400	E	10
CHLORO-1,1-DIFLUOROETHANE, 1-	75-68-3	10,000	1,800	E	10,000	7,300	E	10,000	10,000	C	10,000	10,000	C	10,000	1,800	E	10,000	7,300	E	NA
CHLORO-1-PROPENE, 3-(ALLYL CHLORIDE)	107-05-1	0.21	0.049	E	0.88	0.2	E	21	4.9	E	88	20	E	21	4.9	E	88	20	E	NA
CHLOROACETALDEHYDE	107-20-0	0.24	0.029	E	[1.1] 1	[0.13] 0.12	E	24	2.9	E	[110] 100	[13] 12	E	0.24	0.029	E	[1.1] 1	[0.1] 0.12	E	NA

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		TDS ≤ 2500 mg/L					TDS > 2500 mg/L					Residential		Nonresidential						
		Residential		Nonresidential			Residential		Nonresidential			100 X GW MSC	Generic Value	100 X GW MSC	Generic Value					
		100 X GW MSC	Generic Value	100 X GW MSC	Generic Value	Cap	100 X GW MSC	Generic Value	100 X GW MSC	Generic Value	Cap	100 X GW MSC	Generic Value	100 X GW MSC	Generic Value					
[CHLOROACETOPHENONE, 2-]	[532-27-4]	[0.13]	[0.039]	E	[0.35]	[0.11]	E	[13]	[3.9]	E	[35]	[11.0]	E	[130]	[39]	E	[350]	[110]	E	[NA]
CHLOROANILINE, P-	106-47-8	[0.37] 0.33	[0.47] 0.42	E	[1.7] 1.4	[2.1] 1.8	E	[37] 33	[47] 42	E	[170] 140	[210] 180	E	[0.37] 0.33	[0.47] 0.42	E	[1.7] 1.4	[2.1] 1.8	E	NA
CHLOROBENZENE	108-90-7	10	6.1	E	10	6.1	E	1,000	610	E	1,000	610	E	1,000	610	E	1,000	610	E	NA
CHLOROBENZILATE	510-15-6	[0.66] 0.59	[4.4] 3.9	E	[3.1] 2.5	[20] 17	E	[66] 59	[440] 390	E	[310] 250	[2,000] 1,700	E	[660] 590	[4,400] 3,900	E	1,300	8,600	E	15
CHLOROBUTANE, 1-	109-69-3	[170] 140	[270] 220	E	[470] 390	[730] 610	E	10,000	10,000	C	10,000	10,000	C	[170] 140	[270] 220	E	[470] 390	[730] 610	E	30
CHLORODIBROMO METHANE (THM)	124-48-1	8	2.5	E	8	2.5	E	800	250	E	800	250	E	800	250	E	800	250	E	NA
CHLORODIFLUORO METHANE (THM)	75-45-6	10,000	2,800	E	10,000	10,000	C	10,000	10,000	C	10,000	10,000	C	10,000	2,800	E	10,000	10,000	C	NA
CHLOROETHANE	75-00-3	[25] 2,100	[5.4] 450	E	[120] 8,800	[26] 1,900	E	[2,500] 10,000	[540] 10,000	E	10,000	[2,600] 10,000	E	[2,500] 10,000	[540] 10,000	E	10,000	[2,600] 10,000	E	NA
CHLOROFORM (THM)	67-66-3	8	2	E	8	2	E	800	200	E	800	200	E	80	20	E	80	20	E	NA
CHLORONAPHTHALENE, 2-	91-58-7	[330] 280	[7,000] 6,000	E	[930] 780	[20,000] 17,000	E	1,200	26,000	E	1,200	26,000	E	[330] 280	[7,000] 6,000	E	[930] 780	[20,000] 17,000	E	15
CHLORONITROBENZENE, P-	100-00-5	[4.2] 0.42	[5.5] 0.55	E	[12] 1.8	[16] 2.4	E	[420] 42	[550] 55	E	[1,200] 180	[1,600] 240	E	[4.2] 0.42	[5.5] 0.55	E	[12] 1.8	[16] 2.4	E	NA
CHLOROPHENOL, 2-	95-57-8	4	4.4	E	4	4.4	E	400	440	E	400	440	E	4	4.4	E	4	4.4	E	NA
CHLOROPRENE	126-99-8	0.016	0.0038	E	0.083	0.02	E	1.6	0.38	E	8.3	2	E	1.6	0.38	E	8.3	2	E	NA
CHLOROPROPANE, 2-	75-29-6	21	16	E	88	67	E	2,100	1,600	E	8,800	6,700	E	21	16	E	88	67	E	NA
CHLOROTHALONIL	1897-45-6	[24] 3.8	[61] 9.7	E	[60] 16	[150] 41	E	60	150	E	60	150	E	[24] 3.8	[61] 9.7	E	[60] 16	[150] 41	E	30
CHLOROTOLUENE, O-	95-49-8	10	20	E	10	20	E	1,000	2,000	E	1,000	2,000	E	10	20	E	10	20	E	30
CHLOROTOLUENE, P-	106-43-4	10	10	E	10	10	E	1,000	1,000	E	1,000	1,000	E	10	10	E	10	10	E	NA
CHLORPYRIFOS	2921-88-2	0.2	2.3	E	0.2	2.3	E	20	230	E	20	230	E	0.2	2.3	E	0.2	2.3	E	15

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**Table 3 – Medium-Specific Concentrations (MSCs) for Organic Regulated Substances in Soil**  
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REGULATED SUBSTANCE	CASRN	Used Aquifers										Nonuse Aquifers				Soil Buffer Distance (feet)				
		TDS ≤ 2500 mg/L					TDS > 2500 mg/L					Residential		Nonresidential						
		Residential		Nonresidential			Residential		Nonresidential			Residential		Nonresidential						
		100 X GW MSC	Generic Value	100 X GW MSC	Generic Value	E	100 X GW MSC	Generic Value	100 X GW MSC	Generic Value	E	100 X GW MSC	Generic Value	100 X GW MSC	Generic Value		E			
CHLORSULFURON	64902-72-3	[210] 69	[29] 9.6	E	[580] 190	[80] 26	E	[19,000] ] 6,900	[2,600] 960	E	19,000	2,600	E	[210] 69	[29] 9.6	E	[580] 190	[80] 26	E	NA
CHLORTHAL-DIMETHYL (DACTHAL) (DCPA)	1861-32-1	7	110	E	7	110	E	50	820	E	50	820	E	50	820	E	50	820	E	15
CHRYSENE	218-01-9	[0.19] 0.18	[230] 220	E	0.19	230	E	0.19	230	E	0.19	230	E	0.19	230	E	0.19	230	E	5
CRESOL(S)	1319-77-3	130	23	E	530	92	E	10,000	2,300	E	10,000	9,200	E	10,000	2,300	E	10,000	9,200	E	NA
CRESOL, 4,6-DINITRO-O-	534-52-1	[0.33] 0.28	[0.25] 0.21	E	[0.93] 0.78	[0.7] 0.59	E	[33] 28	[25] 21	E	[93] 78	[70] 59	E	[330] 28	[250] 21	E	[930] 78	[700] 59	E	NA
CRESOL, O- (2-METHYLPHENOL)	95-48-7	[210] 170	[35] 28	E	[580] 490	[96] 81	E	[21,000] ] 17,000	[3,500] 2,800	E	[58,00] 0] 49,000	[9,600] 8,100	E	[21,000] ] 17,000	[3,500] 2,800	E	[58,000] ] 49,000	[9,600] 8,100	E	NA
CRESOL, M- (3-METHYLPHENOL)	108-39-4	[210] 170	[41] 34	E	[580] 490	[110] 97	E	10,000	[4,100] 3,400	E	10,000	[10,000] ] 9,700	[ C ] ] E	10,000	10,000	C	10,000	10,000	C	NA
CRESOL, P- (4-METHYLPHENOL)	106-44-5	[21] 17	[4.9] 4	E	[58] 49	[14] 11	E	[2,100] 1,700	[490] 400	E	[5,800] 4,900	[1,400] 1,100	E	[21,000] ] 17,000	[4,900] 4,000	E	[58,000] ] 49,000	[14,00] 0] 11,000	E	NA
CRESOL, P-CHLORO-M-	59-50-7	[420] 350	[870] 720	E	[1,200] ] 970	[2,500] 2,000	E	[42,000] ] 35,000	[87,000] ] 72,000	E	[120,0 00] 97,000	190,00 0	C	[420] 350	[870] 720	E	[1,200] 970	[2,500] 2,000	E	30
CROTONALDEHYDE	4170-30-3	[0.038] 0.034	[0.0048] 0.0043	E	[0.18] 0.14	[0.023] 0.018	E	[3.8] 3.4	[0.48] 0.43	E	[18] 14	[2.3] 1.8	E	[3.8] 3.4	[0.48] 0.43	E	[18] 14	[2.3] 1.8	E	NA
CROTONALDEHYDE, TRANS-	123-73-9	[0.038] 0.034	[0.0048] 0.0043	E	[0.18] 0.14	[0.023] 0.018	E	[3.8] 3.4	[0.48] 0.43	E	[18] 14	[2.3] 1.8	E	[3.8] 3.4	[0.48] 0.43	E	[18] 14	[2.3] 1.8	E	NA
CUMENE (ISOPROPYL BENZENE)	98-82-8	84	600	E	350	2,500	E	5,000	10,000	C	5,000	10,000	C	5,000	10,000	C	5,000	10,000	C	15
CYANAZINE	21725-46-2	0.1	0.061	E	0.1	0.061	E	10	6.1	E	10	6.1	E	0.1	0.061	E	0.1	0.061	E	NA
CYCLOHEXANE	110-82-7	1,300	1,700	E	5,300	6,900	E	5,500	7,200	E	5,500	7,200	E	1,300	1,700	E	5,300	6,900	E	NA
CYCLOHEXANONE	108-94-1	150	41	E	620	170	E	10,000	4,100	E	10,000	10,000	C	150	41	E	620	170	E	NA
CYFLUTHRIN	68359-37-5	0.1	33	E	0.1	33	E	0.1	33	E	0.1	33	E	0.1	33	E	0.1	33	E	10

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REGULATED SUBSTANCE	CASRN	Used Aquifers												Nonuse Aquifers				Soil Buffer Distance (feet)		
		TDS ≤ 2500 mg/L						TDS > 2500 mg/L						Residential		Nonresidential				
		Residential			Nonresidential			Residential			Nonresidential			100 X GW MSC	Generic Value	100 X GW MSC	Generic Value			
		100 X GW MSC	Generic Value	E	100 X GW MSC	Generic Value	E	100 X GW MSC	Generic Value	E	100 X GW MSC	Generic Value	E	100 X GW MSC	Generic Value	E	100 X GW MSC		Generic Value	E
CYROMAZINE	66215-27-8	[31] 1,700	[96] 5,300	E	[88] 4,900	[270] 15,000	E	[3,100] 170,000	[9,600] 190,000	E	[8,800] 190,000	[27,000] 190,000	E	[31] 1,700	[96] 5,300	E	[88] 4,900	[270] 15,000	E	20
DDD, 4,4'-	72-54-8	[0.3] 0.27	[33] 30	E	[1.4] 1.1	[150] 120	E	16	1,800	E	16	1,800	E	16	1,800	E	16	1,800	E	10
DDE, 4,4'-	72-55-9	[0.21] 0.19	[46] 41	E	[1] 0.8	[220] 170	E	4	870	E	4	870	E	4	870	E	4	870	E	10
DDT, 4,4'-	50-29-3	[0.21] 0.19	[130] 110	E	0.55	330	E	0.55	330	E	0.55	330	E	0.55	330	E	0.55	330	E	5
DI(2-ETHYLHEXYL)ADIPATE	103-23-1	40	10,000	C	40	10,000	C	4,000	10,000	C	4,000	10,000	C	10,000	10,000	C	10,000	10,000	C	5
DIALATE	2303-16-4	[1.2] 1.1	[0.7] 0.64	E	[5.6] 4.5	[3.3] 2.6	E	[120] 110	[70] 64	E	[560] 450	[330] 260	E	[1,200] 1,100	[700] 640	E	[4,000] 4,000	[2,300] 2,300	E	NA
DIAMINOTOLUENE, 2,4-	95-80-7	[0.018] 0.016	[0.0036] 0.0032	E	[0.085] 0.068	[0.017] 0.014	E	[1.8] 1.6	[0.36] 0.32	E	[8.5] 6.8	[1.7] 1.4	E	[18] 16	[3.6] 3.2	E	[85] 68	[17] 14	E	NA
DIAZINON	333-41-5	0.1	0.14	E	0.1	0.14	E	10	14	E	10	14	E	0.1	0.14	E	0.1	0.14	E	30
DIBENZO[A,H] ANTHRACENE	53-70-3	[0.005] 5] 0.0052	[25] 23	E	0.06	270	E	0.06	270	E	0.06	270	E	0.06	270	E	0.06	270	E	5
DIBENZOFURAN	132-64-9	[4.2] 3.5	[110] 90	E	[12] 9.7	[310] 250	E	[420] 350	[11,000] 9,000	E	450	12,000	E	[450] 350	[12,000] 9,000	E	450	12,000	E	15
DIBROMO-3-CHLOROPROPANE, 1,2-	96-12-8	0.02	0.0092	E	0.02	0.0092	E	2	0.92	E	2	0.92	E	2	0.92	E	2	0.92	E	NA
DIBROMOBENZENE, 1,4-	106-37-6	[42] 35	[170] 140	E	[120] 97	[490] 400	E	2,000	8,200	E	2,000	8,200	E	[42] 35	[170] 140	E	[120] 97	[490] 400	E	20
DIBROMOETHANE, 1,2-(ETHYLENE DIBROMIDE)	106-93-4	0.005	0.0012	E	0.005	0.0012	E	0.5	0.12	E	0.5	0.12	E	0.5	0.12	E	0.5	0.12	E	NA
DIBROMOMETHANE	74-95-3	0.84	0.32	E	3.5	1.4	E	84	32	E	350	140	E	84	32	E	350	140	E	NA
DIBUTYL PHTHALATE, N-	84-74-2	[420] 350	[1,700] 1,400	E	[1,200] 970	[4,900] 4,000	E	10,000	10,000	C	10,000	10,000	C	10,000	10,000	C	10,000	10,000	C	20
DICAMBA	1918-00-9	400	45	E	400	45	E	40,000	4,500	E	40,000	4,500	E	400	45	E	400	45	E	NA

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		Residential		Nonresidential			Residential		Nonresidential			100 X GW MSC	Generic Value	100 X GW MSC	Generic Value	
		100 X GW MSC	Generic Value	100 X GW MSC	Generic Value		100 X GW MSC	Generic Value	100 X GW MSC	Generic Value		100 X GW MSC	Generic Value	100 X GW MSC	Generic Value	
DICHLOROACETIC ACID (HAA)	76-43-6	6	0.79 E	6	0.79 E	600	79 E	600	79 E	6	0.79 E	6	0.79 E	NA		
DICHLORO-2-BUTENE, 1,4-	764-41-0	0.0012	0.00067 E	0.006	0.0034 E	0.12	[0.07] 0.067 E	0.6	0.34 E	0.0012	[0.0007] 0.00067 E	0.006	0.0034 E	NA		
DICHLORO-2-BUTENE, TRANS-1,4-	110-57-6	0.0012	0.00078 E	0.006	0.0039 E	0.12	0.078 E	0.6	0.39 E	0.0012	0.00078 E	0.006	0.0039 E	NA		
DICHLOROBENZENE, 1,2-	95-50-1	60	59 E	60	59 E	6,000	5,900 E	6,000	5,900 E	6,000	5,900 E	6,000	5,900 E	NA		
DICHLOROBENZENE, 1,3-	541-73-1	60	61 E	60	61 E	6,000	6,100 E	6,000	6,100 E	6,000	6,100 E	6,000	6,100 E	NA		
DICHLOROBENZENE, P-	106-46-7	7.5	10 E	7.5	10 E	750	1,000 E	750	1,000 E	750	1,000 E	750	1,000 E	30		
DICHLOROBENZIDINE, 3,3'-	91-94-1	[0.16] 0.14	[8.8] 7.7 E	[0.76] 0.6	[42] 33 E	[16] 14	[880] 770 E	[76] 60	[4,200] 3,300 E	[160] 140	[8,800] 7,700 E	310	17,000 E	10		
DICHLORODIFLUOROMETHANE (FREON 12)	75-71-8	100	100 E	100	100 E	10,000	10,000 C	10,000	10,000 C	10,000	10,000 C	10,000	10,000 C	NA		
DICHLOROETHANE, 1,1-	75-34-3	3.1	0.75 E	16	3.9 E	310	75 E	1,600	390 E	31	7.5 E	160	39 E	NA		
DICHLOROETHANE, 1,2-	107-06-2	0.5	0.1 E	0.5	0.1 E	50	10 E	50	10 E	5	1 E	5	1 E	NA		
DICHLOROETHYLENE, 1,1-	75-35-4	0.7	0.19 E	0.7	0.19 E	70	19 E	70	19 E	7	1.9 E	7	1.9 E	NA		
DICHLOROETHYLENE, CIS-1,2-	156-59-2	7	1.6 E	7	1.6 E	700	160 E	700	160 E	70	16 E	70	16 E	NA		
DICHLOROETHYLENE, TRANS-1,2-	156-60-5	10	2.3 E	10	2.3 E	1,000	230 E	1,000	230 E	100	23 E	100	23 E	NA		
DICHLOROMETHANE (METHYLENE CHLORIDE)	75-09-2	0.5	0.076 E	0.5	0.076 E	50	7.6 E	50	7.6 E	50	7.6 E	50	7.6 E	NA		
DICHLOROPHENOL, 2,4-	120-83-2	2	1 E	2	1 E	200	100 E	200	100 E	2,000	1,000 E	2,000	1,000 E	NA		
DICHLOROPHENOXY ACETIC ACID, 2,4- (2,4-D)	94-75-7	7	1.8 E	7	1.8 E	700	180 E	700	180 E	7,000	1,800 E	7,000	1,800 E	NA		
DICHLOROPROPANE, 1,2-	78-87-5	0.5	0.11 E	0.5	0.11 E	50	11 E	50	11 E	5	1.1 E	5	1.1 E	NA		
DICHLOROPROPENE, 1,3-	542-75-6	[0.73] 0.65	[0.13] 0.12 E	[3.4] 2.7	[0.61] 0.48 E	[73] 65	[13] 12 E	[340] 270	[61] 48 E	[73] 65	[13] 12 E	[340] 270	[61] 48 E	NA		
DICHLOROPROPIONIC ACID, 2,2- (DALAPON)	75-99-0	20	5.3 E	20	5.3 E	2,000	530 E	2,000	530 E	2,000	530 E	2,000	530 E	NA		
DICHLORVOS	62-73-7	[0.25] 0.22	[0.059] 0.052 E	[1.2] 0.94	[0.28] 0.22 E	[25] 22	[5.9] 5.2 E	[120] 94	[28] 22 E	[0.25] 0.22	[0.059] 0.052 E	[1.2] 0.94	[0.28] 0.22 E	NA		

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		Residential		Nonresidential			Residential		Nonresidential			100 X GW MSC	Generic Value	100 X GW MSC	Generic Value					
		100 X GW MSC	Generic Value	100 X GW MSC	Generic Value	E	100 X GW MSC	Generic Value	100 X GW MSC	Generic Value	E	100 X GW MSC	Generic Value	100 X GW MSC	Generic Value					
DICYCLOPENTADIENE	77-73-6	0.063	0.13	E	0.26	0.56	E	[6] <u>6.3</u>	13	E	26	56	E	[0.1] <u>0.063</u>	[0.1] <u>0.13</u>	E	[0.3] <u>0.26</u>	[1] <u>0.56</u>	E	30
DIELDRIN	60-57-1	[0.004] <u>6</u> 0.0041	[0.13] <u>0.11</u>	E	[0.021] <u>0.017</u>	[0.58] <u>0.47</u>	E	[0.46] <u>0.41</u>	[13] <u>11</u>	E	[2.1] <u>1.7</u>	[58] <u>47</u>	E	[4.6] <u>4.1</u>	[130] <u>110</u>	E	[17] <u>17</u>	[470] <u>470</u>	E	15
[DIETHANOLAMINE]	[111-42-2]	[NA]	[NA]		[NA]	[NA]		[NA]	[NA]		[NA]	[NA]		[NA]	[NA]		[NA]	[NA]		[NA]
DIETHYL PHTHALATE	84-66-2	[3,300] <u>2,800</u>	[1,000] <u>880</u>	E	[9,300] <u>7,800</u>	[2,900] <u>2,400</u>	E	10,000	10,000	C	10,000	10,000	C	10,000	10,000	C	10,000	10,000	C	NA
DIFLUBENZURON	35367-38-5	20	52	E	20	52	E	20	52	E	20	52	E	20	52	E	20	52	E	20
DIISOPROPYL METHYLPHOSPHONATE	1445-75-6	60	8.2	E	60	8.2	E	6,000	820	E	6,000	820	E	60	8.2	E	60	8.2	E	NA
DIMETHOATE	60-51-5	[0.83] <u>7.6</u>	[0.32] <u>2.9</u>	E	[2.3] <u>21</u>	[0.89] <u>8.1</u>	E	[83] <u>760</u>	[32] <u>290</u>	E	[230] <u>2,100</u>	[89] <u>810</u>	E	[830] <u>7,600</u>	[320] <u>2,900</u>	E	[2,300] <u>21,000</u>	[890] <u>8,100</u>	E	NA
DIMETHOXYBENZIDINE, 3,3-	119-90-4	[0.046] <u>0.041</u>	[0.15] <u>0.14</u>	E	[0.21] <u>0.17</u>	[0.71] <u>0.57</u>	E	[5] <u>4.1</u>	[15] <u>14</u>	E	[21] <u>17</u>	[71] <u>57</u>	E	[46] <u>41</u>	[150] <u>140</u>	E	[210] <u>170</u>	[710] <u>570</u>	E	20
DIMETHRIN	70-38-2	3.6	240	E	3.6	240	E	3.6	240	E	3.6	240	E	3.6	240	E	3.6	240	E	10
DIMETHYLAMINOAZO BENZENE, P-	60-11-7	[0.016] <u>0.014</u>	[0.042] <u>0.037</u>	E	[0.074] <u>0.059</u>	[0.19] <u>0.15</u>	E	[1.6] <u>1.4</u>	[4.2] <u>3.7</u>	E	[7.4] <u>5.9</u>	[19] <u>15</u>	E	[16] <u>14</u>	[42] <u>37</u>	E	[74] <u>59</u>	[190] <u>150</u>	E	20
DIMETHYLANILINE, N,N-	121-69-7	[8.3] <u>2.4</u>	[4.7] <u>1.3</u>	E	[23] <u>10</u>	[13] <u>5.6</u>	E	[830] <u>240</u>	[470] <u>130</u>	E	[2,300] <u>1,000</u>	[1,300] <u>560</u>	E	[830] <u>240</u>	[470] <u>130</u>	E	[2,300] <u>1,000</u>	[1,300] <u>560</u>	E	NA
DIMETHYLBENZIDINE, 3,3-	119-93-7	[0.006] <u>6</u> 0.0059	[0.36] <u>0.33</u>	E	[0.031] <u>0.025</u>	[1.7] <u>1.4</u>	E	[0.7] <u>0.59</u>	[36] <u>33</u>	E	[3.1] <u>2.5</u>	[170] <u>140</u>	E	[7] <u>5.9</u>	[360] <u>330</u>	E	[31] <u>25</u>	[1,700] <u>1,400</u>	E	10
DIMETHYL METHYLPHOSPHONATE	756-79-6	10	1.2	E	10	1.2	E	1,000	120	E	1,000	120	E	10	1.2	E	10	1.2	E	NA
DIMETHYLPHENOL, 2,4-	105-67-9	[83] <u>69</u>	[36] <u>30</u>	E	[230] <u>190</u>	[100] <u>83</u>	E	[8,300] <u>6,900</u>	[3,600] <u>3,000</u>	E	10,000	[10,000] <u>8,300</u>	[ C ] <u>E</u>	10,000	10,000	C	10,000	10,000	C	NA
DINITROBENZENE, 1,3-	99-65-0	0.1	0.049	E	0.1	0.049	E	10	4.9	E	10	4.9	E	100	49	E	100	49	E	NA

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REGULATED SUBSTANCE	CASRN	Used Aquifers										Nonuse Aquifers				Soil Buffer Distance (feet)				
		TDS ≤ 2500 mg/L					TDS > 2500 mg/L					Residential		Nonresidential						
		Residential		Nonresidential			Residential		Nonresidential			100 X GW MSC	Generic Value	100 X GW MSC	Generic Value					
		100 X GW MSC	Generic Value	100 X GW MSC	Generic Value	E	100 X GW MSC	Generic Value	100 X GW MSC	Generic Value	E	100 X GW MSC	Generic Value	100 X GW MSC	Generic Value					
DINITROPHENOL, 2,4-	51-28-5	[8.3] 6.9	[0.94] 0.78	E	[23] 19	[2.6] 2.1	E	[830] 690	[94] 78	E	[2,300] 1,900	[260] 210	E	[8,300] 6,900	[940] 780	E	[23,000] 19,000	[2,600] 2,100	E	NA
DINITROTOLUENE, 2,4-	121-14-2	[0.24] 0.21	[0.057] 0.05	E	[1.1] 0.88	[0.26] 0.21	E	[24] 21	[6] 5	E	[110] 88	[26] 21	E	[240] 210	[57] 50	E	[1,100] 880	[260] 210	E	NA
DINITROTOLUENE, 2,6- (2,6-DNT)	606-20-2	[0.049] 0.043	[0.015] 0.013	E	[0.23] 0.18	[0.068] 0.053	E	[5] 4.3	[2] 1.3	E	[23] 18	[7] 5.3	E	[49] 43	[15] 13	E	[230] 180	[68] 53	E	NA
DINOSEB	88-85-7	0.7	0.29	E	0.7	0.29	E	70	29	E	70	29	E	700	290	E	700	290	E	NA
DIOXANE, 1,4-	123-91-1	[0.64] 0.65	[0.084] 0.085	E	[3.2] 2.7	[0.42] 0.35	E	[64] 65	[8.4] 8.5	E	[320] 270	[42] 35	E	[6.4] 6.5	[0.84] 0.85	E	[32] 27	[4.2] 3.5	E	NA
DIPHENAMID	957-51-7	20	12	E	20	12	E	2,000	1,200	E	2,000	1,200	E	20	12	E	20	12	E	NA
DIPHENYLAMINE	122-39-4	[100] 350	[59] 210	E	[290] 970	[170] 570	E	[10,000] 30,000	[5,900] 18,000	E	[29,000] 30,000	[17,000] 18,000	E	30,000	18,000	E	30,000	18,000	E	NA
DIPHENYLHYDRAZINE, 1,2-	122-66-7	[0.091] 0.022	[0.16] 0.039	E	[0.43] 0.11	[0.76] 0.19	E	[9.1] 2.2	[16] 3.9	E	[25] 11	[44] 19	E	[25] 2.2	[44] 3.9	E	[25] 11	[44] 19	E	30
DIQUAT	85-00-7	2	0.24	E	2	0.24	E	200	24	E	200	24	E	2	0.24	E	2	0.24	E	NA
DISULFOTON	298-04-4	0.07	0.18	E	0.07	0.18	E	7	18	E	7	18	E	70	180	E	70	180	E	20
DITHIANE, 1,4-	505-29-3	8	1.3	E	8	1.3	E	800	130	E	800	130	E	8	1.3	E	8	1.3	E	NA
DIURON	330-54-1	[8.3] 6.9	[7.1] 5.9	E	[23] 19	[20] 16	E	[830] 690	[710] 590	E	[2,300] 1,900	[2,000] 1,600	E	[8.3] 6.9	[7.1] 5.9	E	[23] 19	[20] 16	E	NA
ENDOSULFAN	115-29-7	[25] 21	[130] 110	E	48	250	E	48	250	E	48	250	E	48	250	E	48	250	E	15
ENDOSULFAN I (ALPHA)	959-98-8	[25] 21	[130] 110	E	50	260	E	50	260	E	50	260	E	[25] 21	[130] 110	E	50	260	E	15
ENDOSULFAN II (BETA)	33213-65-9	[25] 21	[150] 120	E	45	260	E	45	260	E	45	260	E	[25] 21	[150] 120	E	45	260	E	15
ENDOSULFAN SULFATE	1031-07-8	12	70	E	12	70	E	12	70	E	12	70	E	12	70	E	12	70	E	15
ENDOTHALL	145-73-3	10	4.1	E	10	4.1	E	1,000	410	E	1,000	410	E	10	4.1	E	10	4.1	E	NA
ENDRIN	72-20-8	0.2	5.5	E	0.2	5.5	E	20	550	E	20	550	E	0.2	5.5	E	0.2	5.5	E	15
EPICHLOROHYDRIN	106-89-8	0.21	0.042	E	0.88	0.17	E	21	4.2	E	88	17	E	21	4.2	E	88	17	E	NA
ETHEPHON	16672-87-0	[21] 17	[2.4] 2	E	[58] 49	[6.7] 5.7	E	[2,100] 1,700	[240] 200	E	[5,800] 4,900	[670] 570	E	[21] 17	[2.4] 2	E	[58] 49	[6.7] 5.7	E	NA

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		TDS ≤ 2500 mg/L					TDS > 2500 mg/L					Residential		Nonresidential						
		Residential		Nonresidential			Residential		Nonresidential			100 X GW MSC	Generic Value	100 X GW MSC	Generic Value					
		100 X GW MSC	Generic Value	100 X GW MSC	Generic Value	E	100 X GW MSC	Generic Value	100 X GW MSC	Generic Value	E	100 X GW MSC	Generic Value	100 X GW MSC	Generic Value					
ETHION	563-12-2	[2.1] 1.7	[46] 37	E	[5.8] 4.9	[130] 110	E	85	1,900	E	85	1,900	E	[2.1] 1.7	[46] 37	E	[5.8] 4.9	[130] 110	E	15
ETHOXYETHANOL, 2- (EGEE)	110-80-5	42	5.9	E	180	25	E	4,200	590	E	10,000	2,500	E	4,200	590	E	10,000	2,500	E	NA
ETHYL ACETATE	141-78-6	15	3.9	E	62	16	E	1,500	390	E	6,200	1,600	E	1,500	390	E	6,200	1,600	E	NA
ETHYL ACRYLATE	140-88-5	[1.5] 1.4	[0.58] 0.54	E	[7.0] 5.7	[2.7] 2.2	E	[150] 140	[58] 54	E	[700] 570	[270] 220	E	[150] 140	[58] 54	E	[700] 570	[270] 220	E	NA
ETHYL BENZENE	100-41-4	70	46	E	70	46	E	7,000	4,600	E	7,000	4,600	E	7,000	4,600	E	7,000	4,600	E	NA
ETHYL DIPROPYL THIOCARBAMATE, S- (EPTC)	759-94-4	[100] 170	[71] 120	E	[290] 490	[210] 350	E	10,000	[7,100] 10,000	[E] C	10,000	10,000	C	[100] 170	[71] 120	E	[290] 490	[210] 350	E	NA
ETHYL ETHER	60-29-7	[830] 690	[230] 190	E	[2,300] 1,900	[650] 530	E	10,000	10,000	C	10,000	10,000	C	[830] 690	[230] 190	E	[2,300] 1,900	[650] 530	E	NA
ETHYL METHACRYLATE	97-63-2	63	10	E	260	43	E	6,300	1,000	E	10,000	4,300	E	63	10	E	260	43	E	NA
ETHYLENE CHLORHYDRIN	107-07-3	[83] 69	[10] 7.9	E	[230] 190	[26] 22	E	[8,300] 6,900	[950] 790	E	10,000	[2,600] 2,200	E	[83] 69	[10] 7.9	E	[230] 190	[26] 22	E	NA
ETHYLENE GLYCOL	107-21-1	1,400	170	E	1,400	170	E	10,000	10,000	C	10,000	10,000	C	10,000	10,000	C	10,000	10,000	C	NA
ETHYLENE THIOUREA (ETU)	96-45-7	[0.33] 0.28	[0.037] 0.031	E	[0.93] 0.78	[0.1] 0.087	E	[33] 28	[3.7] 3.1	E	[93] 78	[10] 8.7	E	[330] 280	[37] 31	E	[930] 780	[100] 87	E	NA
ETHYLP-NITROPHENYL PHENYLPHOSPHOROTHIOATE	2104-64-5	[0.042] 0.035	[0.13] 0.11	E	[0.12] 0.097	[0.37] 0.3	E	[4.2] 3.5	[13] 11	E	[12] 9.7	[37] 30	E	[0.042] 0.035	[0.13] 0.11	E	[0.12] 0.097	[0.37] 0.3	E	20
FENAMIPHOS	22224-92-6	0.07	0.06	E	0.07	0.06	E	7	6	E	7	6	E	0.07	0.06	E	0.07	0.06	E	NA
FENVALERATE (PYDRIN)	51630-58-1	8.5	94	E	8.5	94	E	8.5	94	E	8.5	94	E	8.5	94	E	8.5	94	E	15
FLUOMETURON	2164-17-2	9	2.5	E	9	2.5	E	900	250	E	900	250	E	9	2.5	E	9	2.5	E	NA
FLUORANTHENE	206-44-0	26	3,200	E	26	3,200	E	26	3,200	E	26	3,200	E	26	3,200	E	26	3,200	E	10
FLUORENE	86-73-7	[170] 140	[3,400] 2,800	E	190	3,800	E	190	3,800	E	190	3,800	E	190	3,800	E	190	3,800	E	15
FLUOROTRICHORO METHANE (FREON 11)	75-69-4	200	87	E	200	87	E	10,000	8,700	E	10,000	8,700	E	10,000	8,700	E	10,000	8,700	E	NA
FONOFOS	944-22-9	1	2.9	E	1	2.9	E	100	290	E	100	290	E	1	2.9	E	1	2.9	E	20
FORMALDEHYDE	50-00-0	100	12	E	100	12	E	10,000	1,200	E	10,000	1,200	E	10,000	1,200	E	10,000	1,200	E	NA

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		TDS ≤ 2500 mg/L					TDS > 2500 mg/L					Residential		Nonresidential						
		Residential		Nonresidential			Residential		Nonresidential			100 X GW MSC	Generic Value	100 X GW MSC	Generic Value					
		100 X GW MSC	Generic Value	100 X GW MSC	Generic Value	E	100 X GW MSC	Generic Value	100 X GW MSC	Generic Value	E	100 X GW MSC	Generic Value	100 X GW MSC	Generic Value					
FORMIC ACID	64-18-6	0.063	0.0071	E	0.26	0.029	E	6.3	0.71	E	26	2.9	E	0.63	0.071	E	2.6	0.29	E	NA
FOSETYL-AL	39148-24-8	[13,000] 8,700	[12,000] 7,700	E	[35,000] 24,000	[31,000] 21,000	E	190,000	190,000	C	190,000	190,000	C	[13,000] 8,700	[12,000] 7,700	E	[35,000] 24,000	[31,000] 21,000	E	NA
FURAN	110-00-9	[4.2] 3.5	[1.8] 1.5	E	[12] 9.7	[5.2] 4.2	E	[420] 350	[180] 150	E	[1,200] 970	[520] 420	E	[420] 350	[180] 150	E	[1,200] 970	[520] 420	E	NA
FURFURAL	98-01-1	[11] 1.9	[1.4] 0.24	E	[35] 7.8	[4.4] 0.99	E	[1,100] 190	[140] 24	E	[3,500] 780	[440] 99	E	[11] 1.9	[1.4] 0.24	E	[35] 7.8	[4.4] 0.99	E	NA
GLYPHOSATE	1071-83-6	70	620	E	70	620	E	7,000	62,000	E	7,000	62,000	E	70	620	E	70	620	E	15
HEPTACHLOR	76-44-8	0.04	0.68	E	0.04	0.68	E	4	68	E	4	68	E	18	310	E	18	310	E	15
HEPTACHLOR EPOXIDE	1024-57-3	0.02	1.1	E	0.02	1.1	E	2	110	E	2	110	E	20	1,100	E	20	1,100	E	10
HEXACHLOROBENZENE	118-74-1	0.1	0.96	E	0.1	0.96	E	0.6	5.8	E	0.6	5.8	E	0.6	5.8	E	0.6	5.8	E	15
HEXACHLOROBUTADIENE	87-68-3	[0.94] 0.84	[11] 10	E	[4.4] 3.5	[52] 42	E	[94] 84	[1,100] 1,000	E	290	3,400	E	290	3,400	E	290	3,400	E	15
HEXACHLOROCYCLOPENTADIENE	77-47-4	5	91	E	5	91	E	180	3,300	E	180	3,300	E	180	3,300	E	180	3,300	E	15
HEXACHLOROETHANE	67-72-1	0.1	0.56	E	0.1	0.56	E	10	56	E	10	56	E	10	56	E	10	56	E	15
HEXANE	110-54-3	150	1,400	E	[620] 580	[5,600] 5,300	E	950	8,700	E	950	8,700	E	150	1,400	E	[620] 580	[5,600] 5,300	E	15
HEXAZINONE	51235-04-2	40	8.5	E	40	8.5	E	4,000	850	E	4,000	850	E	40	8.5	E	40	8.5	E	NA
HEXYTHIAZOX (SAVEY)	78587-05-0	50	820	E	50	820	E	50	820	E	50	820	E	50	820	E	50	820	E	15
HMX	2691-41-0	40	4.8	E	40	4.8	E	500	60	E	500	60	E	40	4.8	E	40	4.8	E	NA
HYDRAZINE/HYDRAZINE SULFATE	302-01-2	0.001	0.00011	E	0.005	0.0005	E	0.1	0.011	E	0.51	0.057	E	0.01	0.0011	E	0.051	0.0057	E	NA
HYDROQUINONE	123-31-9	[1.2] 1.1	[0.16] 0.15	E	[5.7] 4.5	[0.77] 0.61	E	[120] 110	[16] 15	E	[570] 450	[77] 61	E	[1,200] 1,100	[160] 150	E	[5,700] 4,500	[770] 610	E	NA
INDENO[1,2,3-CD]PYRENE	193-39-5	[0.019] 0.018	[1,500] 1,400	E	[0.28] 0.23	[22,000] 18,000	E	[1.9] 1.8	[150,000] 140,000	E	6.2	190,000	C	6.2	190,000	C	6.2	190,000	C	5
IPRODIONE	36734-19-7	[170] 1.5	[490] 4.3	E	[470] 6.2	[1,300] 18	E	[1,300] 150	[3,700] 430	E	[1,300] 620	[3,700] 1,800	E	[170] 1.5	[490] 4.3	E	[470] 6.2	[1,300] 18	E	20

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		Residential		Nonresidential			Residential		Nonresidential			100 X GW MSC	Generic Value	100 X GW MSC	Generic Value					
		100 X GW MSC	Generic Value	100 X GW MSC	Generic Value	E	100 X GW MSC	Generic Value	100 X GW MSC	Generic Value	E	100 X GW MSC	Generic Value	100 X GW MSC	Generic Value					
ISOBUTYL ALCOHOL	78-83-1	[1,300] 1,000	[340] 260	E	[3,500] 2,900	[910] 760	E	10,000	10,000	C	10,000	10,000	C	10,000	10,000	C	10,000	10,000	C	NA
ISOPHORONE	78-59-1	10	1.9	E	10	1.9	E	1,000	190	E	1,000	190	E	10,000	1,900	E	10,000	1,900	E	NA
ISOPROPYL METHYLPHOSPHONATE	1832-54-8	70	8.1	E	70	8.1	E	7,000	810	E	7,000	810	E	70	8.1	E	70	8.1	E	NA
KEPONE	143-50-0	[0.007 3] 0.0065	[1] 0.89	E	[0.034 ] 0.027	[4.7] 3.7	E	[0.73] 0.65	[100] 89	E	[3.4] 2.7	[470] 370	E	[7.3] 6.5	[1,000] 890	E	[34] 27	[4,700] 3,700	E	10
MALATHION	121-75-5	50	170	E	50	170	E	5,000	10,000	C	5,000	10,000	C	10,000	10,000	C	10,000	10,000	C	20
MALEIC HYDRAZIDE	123-33-1	400	47	E	400	47	E	40,000	4,700	E	40,000	4,700	E	400	47	E	400	47	E	NA
MANEB	12427-38-2	[21] 1.1	[2] 0.12	E	[58] 4.5	[6.6] 0.51	E	[2,100] 110	[240] 12	E	[2,300] 450	[260] 51	E	[21] 1.1	[2] 0.12	E	[58] 4.5	[6.6] 0.51	E	NA
MERPHOS OXIDE	78-48-8	[0.13] 3.5 1.7	[17] 460 230	E	[0.35] 9.7 4.9	[46] 1,300 650	E	[13] 230 170	[1,700] 10,000	[ ] E C	[35] 230 10,000	[4,600] 10,000	[ ] E C	[0.13] 3.5 1.7	[17] 460 230	E	[0.35] 9.7 4.9	[46] 1,300 650	E	10
METHACRYLONITRILE	126-98-7	[0.42] 0.35	[0.069] 0.057	E	[1.2] 0.97	[0.2] 0.16	E	[42] 35	[6.9] 5.7	E	[120] 97	[20] 16	E	[0.42] 0.35	[0.069] 0.057	E	[1.2] 0.97	[0.2] 0.16	E	NA
METHAMIDOPHOS	10265-92-6	[0.21] 0.17	[0.026] 0.021	E	[0.58] 0.49	[0.072] 0.061	E	[21] 17	[2.6] 2.1	E	[58] 49	[7.2] 6.1	E	[0.21] 0.17	[0.026] 0.021	E	[0.58] 0.49	[0.072] 0.061	E	NA
METHANOL	67-56-1	[840] 4,200	[99] 500	E	[3,500] 10,000 0	[410] 2,100	E	10,000	[9,900] 10,000	[ ] E C	10,000	10,000	C	10,000	[9,900] 10,000	[ ] E C	10,000	10,000	C	NA
METHOMYL	16752-77-5	20	3.2	E	20	3.2	E	2,000	320	E	2,000	320	E	20	3.2	E	20	3.2	E	NA
METHOXYCHLOR	72-43-5	4	630	E	4	630	E	4.5	710	E	4.5	710	E	4.5	710	E	4.5	710	E	10
METHOXYETHANOL, 2-	109-86-4	4.2	0.48	E	18	2	E	420	48	E	1,800	200	E	42	4.8	E	180	20	E	NA
METHYL ACETATE	79-20-9	[4,200] 3,500	[780] 650	E	[10,000] 0 9,700	[2,200] 1,800	E	10,000	10,000	C	10,000	10,000	C	[4,200] 3,500	[780] 650	E	[10,000] 9,700	[2,200] 1,800	E	NA
METHYL ACRYLATE	96-33-3	[4] 4.2	1	E	18	[5] 4.5	E	420	100	E	1,800	450	E	420	100	E	1,800	450	E	NA
METHYL CHLORIDE	74-87-3	3	0.38	E	3	0.38	E	300	38	E	300	38	E	300	38	E	300	38	E	NA

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Appendix A

Table 3 – Medium-Specific Concentrations (MSCs) for Organic Regulated Substances in Soil  
B. Soil to Groundwater Numeric Values<sup>1</sup>

REGULATED SUBSTANCE	CASRN	Used Aquifers										Nonuse Aquifers				Soil Buffer Distance (feet)				
		TDS ≤ 2500 mg/L					TDS > 2500 mg/L					Residential		Nonresidential						
		Residential		Nonresidential			Residential		Nonresidential			Residential		Nonresidential						
		100 X GW MSC	Generic Value	100 X GW MSC	Generic Value	E	100 X GW MSC	Generic Value	100 X GW MSC	Generic Value	E	100 X GW MSC	Generic Value	100 X GW MSC	Generic Value		E			
METHYL ETHYL KETONE	78-93-3	400	76	E	400	76	E	10,000	7,600	E	10,000	7,600	E	10,000	7,600	E	10,000	7,600	E	NA
METHYL HYDRAZINE	60-34-4	0.0042	0.00048	E	0.018	0.002	E	0.42	0.048	E	1.8	0.2	E	0.042	0.0048	E	0.18	0.02	E	NA
METHYL ISOBUTYL KETONE	108-10-1	<b>[330]</b> <b>280</b>	<b>[51]</b> <b>43</b>	E	<b>[930]</b> <b>780</b>	<b>[140]</b> <b>120</b>	E	10,000	<b>[5,100]</b> <b>4,300</b>	E	10,000	10,000	C	10,000	<b>[5,100]</b> <b>4,300</b>	E	10,000	10,000	C	NA
METHYL ISOCYANATE	624-83-9	0.21	0.029	E	0.88	0.12	E	21	2.9	E	88	12	E	0.21	0.029	E	0.88	0.12	E	NA
METHYL N-BUTYL KETONE (2-HEXANONE)	591-78-6	6.3	1.6	E	26	6.4	E	630	160	E	2,600	640	E	6.3	1.6	E	26	6.4	E	NA
METHYL METHACRYLATE	80-62-6	150	20	E	620	84	E	10,000	2,000	E	10,000	8,400	E	10,000	2,000	E	10,000	8,400	E	NA
METHYL METHANESULFONATE	66-27-3	<b>[0.74]</b> <b>0.66</b>	<b>[0.092]</b> <b>0.082</b>	E	<b>[3.4]</b> <b>2.7</b>	<b>[0.42]</b> <b>0.34</b>	E	<b>[74]</b> <b>66</b>	<b>[9.2]</b> <b>8.2</b>	E	<b>[340]</b> <b>270</b>	<b>[42]</b> <b>34</b>	E	<b>[0.74]</b> <b>0.66</b>	<b>[0.092]</b> <b>0.082</b>	E	<b>[3.4]</b> <b>2.7</b>	<b>[0.42]</b> <b>0.34</b>	E	NA
METHYL PARATHION	298-00-0	0.1	0.21	E	0.1	0.21	E	10	21	E	10	21	E	100	210	E	100	210	E	30
METHYL STYRENE (MIXED ISOMERS)	25013-15-4	8.4	47	E	35	200	E	840	4,700	E	3,500	10,000	C	8.4	47	E	35	200	E	15
METHYL TERT-BUTYL ETHER (MTBE)	1634-04-4	2	0.28	E	2	0.28	E	200	28	E	200	28	E	20	2.8	E	20	2.8	E	NA
METHYLCHLOROPHENOXYACETIC ACID (MCPA)	94-74-6	3	1.2	E	3	1.2	E	300	120	E	300	120	E	3,000	1,200	E	3,000	1,200	E	NA
METHYLENE BIS(2-CHLOROANILINE), 4,4'-	101-14-4	<b>[0.23]</b> <b>0.21</b>	<b>[1.8]</b> <b>1.6</b>	E	<b>[3.4]</b> <b>2.7</b>	<b>[26]</b> <b>21</b>	E	<b>[23]</b> <b>21</b>	<b>[180]</b> <b>160</b>	E	<b>[340]</b> <b>270</b>	<b>[2,600]</b> <b>2,100</b>	E	<b>[0.23]</b> <b>0.21</b>	<b>[1.8]</b> <b>1.6</b>	E	<b>[3.4]</b> <b>2.7</b>	<b>[26]</b> <b>21</b>	E	15
METHYLNAPHTHALENE, 2-	91-57-6	<b>[17]</b> <b>0.63</b>	<b>[680]</b> <b>25</b>	E	<b>[47]</b> <b>2.6</b>	<b>[1,900]</b> <b>100</b>	E	<b>[1,700]</b> <b>63</b>	<b>[68,000]</b> <b>2,500</b>	E	<b>[2,500]</b> <b>260</b>	<b>[100,000]</b> <b>0</b>	E	<b>[17]</b> <b>0.63</b>	<b>[680]</b> <b>25</b>	E	<b>[47]</b> <b>2.6</b>	<b>[1,900]</b> <b>100</b>	E	15
METHYLSTYRENE, ALPHA	98-83-9	<b>[290]</b> <b>240</b>	<b>[510]</b> <b>420</b>	E	<b>[820]</b> <b>680</b>	<b>[1,400]</b> <b>1,200</b>	E	10,000	10,000	C	10,000	10,000	C	<b>[290]</b> <b>240</b>	<b>[510]</b> <b>420</b>	E	<b>[820]</b> <b>680</b>	<b>[1,400]</b> <b>1,200</b>	E	30
METOLACHLOR	51218-45-2	70	40	E	70	40	E	7,000	4,000	E	7,000	4,000	E	70	40	E	70	40	E	NA
METRIBUZIN	21087-64-9	7	2.4	E	7	2.4	E	700	240	E	700	240	E	7	2.4	E	7	2.4	E	NA
<b>MEVINPHOS</b>	<b>7786-34-7</b>	<b>0.087</b>	<b>0.019</b>	<b>E</b>	<b>0.24</b>	<b>0.053</b>	<b>E</b>	<b>8.7</b>	<b>1.9</b>	<b>E</b>	<b>24</b>	<b>5.3</b>	<b>E</b>	<b>0.087</b>	<b>0.019</b>	<b>E</b>	<b>0.24</b>	<b>0.053</b>	<b>E</b>	<b>NA</b>
MONOCHLOROACETIC ACID (HAA)	79-11-8	6	0.67	E	6	0.67	E	600	67	E	600	67	E	6	0.67	E	6	0.67	E	NA
NAPHTHALENE	91-20-3	10	25	E	10	25	E	1,000	2,500	E	1,000	2,500	E	<b>[3,000]</b> <b>1,000</b>	<b>[7,500]</b> <b>2,500</b>	E	<b>[3,000]</b> <b>1,000</b>	<b>[7,500]</b> <b>2,500</b>	E	30
NAPHTHYLAMINE, 1-	134-32-7	<b>[0.041]</b> <b>0.036</b>	<b>[0.33]</b> <b>0.29</b>	E	<b>[0.19]</b> <b>0.15</b>	<b>[1.5]</b> <b>1.2</b>	E	<b>[4.1]</b> <b>3.6</b>	<b>[33]</b> <b>29</b>	E	<b>[19]</b> <b>15</b>	<b>[150]</b> <b>120</b>	E	<b>[41]</b> <b>3.6</b>	<b>[330]</b> <b>29</b>	E	<b>[190]</b> <b>15</b>	<b>[1,500]</b> <b>120</b>	E	15

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		TDS ≤ 2500 mg/L					TDS > 2500 mg/L					Residential		Nonresidential						
		Residential		Nonresidential			Residential		Nonresidential			100 X GW MSC	Generic Value	100 X GW MSC	Generic Value					
		100 X GW MSC	Generic Value	100 X GW MSC	Generic Value	E	100 X GW MSC	Generic Value	100 X GW MSC	Generic Value	E	100 X GW MSC	Generic Value	100 X GW MSC	Generic Value					
NAPHTHYLAMINE, 2-	91-59-8	[0.041] 0.036	[0.013] 0.012	E	[0.19] 0.15	[0.062] 0.049	E	[4.1] 3.6	[1.3] 1.2	E	[19] 15	[6.2] 4.9	E	[41] 36	[13] 12	E	[190] 150	[62] 49	E	NA
NAPROPAMIDE	15299-99-7	420	970	E	1,200	2,800	E	7,000	16,000	E	7,000	16,000	E	420	970	E	1,200	2,800	E	30
NITROANILINE, O-	88-74-4	[42] 0.011	[8] 0.002	E	[120] 0.044	[21] 0.0079	E	[4,200] 1.1	[750] 0.2	E	[12,000] 4.4	[2,100] 0.79	E	[42] 0.011	[8] 0.002	E	[120] 0.044	[21] 0.0079	E	NA
NITROANILINE, P-	100-01-6	[3.7] 3.3	[0.55] 0.49	E	[17] 14	[2.5] 2.1	E	[370] 330	[55] 49	E	[1,700] 1,400	[250] 210	E	[3.7] 3.3	[0.55] 0.49	E	[17] 14	[2.5] 2.1	E	NA
NITROBENZENE	98-95-3	[8.3] 0.12	[3.6] 0.052	E	[23] 0.63	[10] 0.27	E	[830] 12	[360] 5.2	E	[2,300] 63	[1,000] 27	E	[8,300] 12	[3,600] 5.2	E	[10,000] 63	[10,000] 27	E	NA C
NITROGUANIDINE	556-88-7	70	7.8	E	70	7.8	E	7,000	780	E	7,000	780	E	70	7.8	E	70	7.8	E	NA
NITROPHENOL, 2-	88-75-5	[33] 28	[6.7] 5.7	E	[93] 78	[19] 16	E	[3,300] 2,800	[670] 570	E	[9,300] 7,800	[1,900] 1,600	E	[33,000] 2,800	[6,700] 570	E	[93,000] 7,800	[19,000] 1,600	E	NA
NITROPHENOL, 4-	100-02-7	6	4.1	E	6	4.1	E	600	410	E	600	410	E	[6,000] 600	[4,100] 410	E	[6,000] 600	[4,100] 410	E	NA
NITROPROPANE, 2-	79-46-9	0.0018	0.00029	E	0.009 3	0.0015	E	0.18	0.029	E	0.93	0.15	E	0.018	0.0029	E	0.093	0.015	E	NA
NITROSODIETHYLAMINE, N-	55-18-5	0.0000 45	0.000007 9	E	0.000 58	0.0001	E	0.0045	[0.0008] 1 0.0007 9	E	0.058	0.01	E	0.0004 5	[0.000 08] 0.0000 79	E	0.0058	0.001	E	NA
NITROSODIMETHYLAMINE, N-	62-75-9	0.0001 4	0.000019	E	0.001 8	0.0002 4	E	0.014	0.0019	E	0.18	0.024	E	0.0014	0.0001 9	E	0.018	0.0024	E	NA
NITROSO-DI-N-BUTYLAMINE, N-	924-16-3	[0.014] 0.0031	[0.017] 0.0038	E	[0.063] 0.016	[0.078] 0.02	E	[1.4] 0.31	[1.7] 0.38	E	[6.3] 1.6	[7.8] 2	E	[14] 0.31	[17] 0.38	E	[63] 1.6	[78] 2	E	NA
NITROSODI-N-PROPYLAMINE, N-	621-64-7	[0.01] 0.0025	[0.0014] 0.00035	E	[0.049] 0.013	[0.006] 8 0.0018	E	[1] 0.25	[0.14] 0.035	E	[4.9] 1.3	[0.68] 0.18	E	[10] 0.025	[1.4] 0.0035	E	[49] 0.13	[6.8] 0.018	E	NA
NITROSODIPHENYLAMINE, N-	86-30-6	[15] 1.9	[23] 3	E	[69] 9.6	[110] 15	E	[1,500] 190	[2,300] 300	E	[3,500] 960	[5,500] 1,500	E	[3,500] 190	[5,500] 300	E	[3,500] 960	[5,500] 1,500	E	30

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		Residential		Nonresidential			Residential		Nonresidential			100 X GW MSC	Generic Value	100 X GW MSC	Generic Value					
		100 X GW MSC	Generic Value	100 X GW MSC	Generic Value	E	100 X GW MSC	Generic Value	100 X GW MSC	Generic Value	E	100 X GW MSC	Generic Value	100 X GW MSC	Generic Value					
NITROSO-N-ETHYLUREA, N-	759-73-9	[0.00084] 0.00079	[0.000097] 0.000091	E	[0.013] 0.01	[0.0015] 0.0012	E	[0.08] 0.079	[0.0097] 0.0091	E	[1.3] 1	[0.15] 0.12	E	[0.8] 0.79	[0.097] 0.091	E	[13] 10	[1.5] 1.2	E	NA
OCTYL PHTHALATE, DI-N-	117-84-0	[42] 35	10,000	C	[120] 97	10,000	C	300	10,000	C	300	10,000	C	300	10,000	C	300	10,000	C	5
OXAMYL (VYDATE)	23135-22-0	20	2.6	E	20	2.6	E	2,000	260	E	2,000	260	E	20	2.6	E	20	2.6	E	NA
PARAQUAT	1910-42-5	3	120	E	3	120	E	300	12,000	E	300	12,000	E	3	120	E	3	120	E	15
PARATHION	56-38-2	[25] 0.1	[150] 0.59	E	[70] 0.29	[410] 1.7	E	[2,000] 10	[10,000] 159	[C] E	[2,000] 29	[10,000] 170	[C] E	[25] 0.1	[150] 0.59	E	[70] 0.29	[410] 1.7	E	15
<b>PCBS, TOTAL (POLYCHLORINATED BIPHENYLS) (AROCLORS)</b>	<b>1336-36-3</b>	<b>0.05</b>	<b>9.8</b>	<b>E</b>	<b>0.05</b>	<b>9.8</b>	<b>E</b>	<b>5</b>	<b>980</b>	<b>E</b>	<b>5</b>	<b>980</b>	<b>E</b>	<b>0.05</b>	<b>9.8</b>	<b>E</b>	<b>0.05</b>	<b>9.8</b>	<b>E</b>	<b>10</b>
PCB-1016 (AROCLOR)	12674-11-2	[0.037] 0.24	[10] 66	E	[0.17] 0.68	[47] 190	E	[4] 24	[1,000] 6,600	E	[17] 25	[4,700] 6,900	E	[0.04] 0.24	[10] 66	E	[0.17] 0.68	[47] 190	E	10
PCB-1221 (AROCLOR)	11104-28-2	[0.037] 0.033	[0.18] 0.16	E	[0.17] 0.14	[0.83] 0.68	E	[3.7] 3.3	[18] 16	E	[17] 14	[83] 68	E	[0.037] 0.033	[0.18] 0.16	E	[0.17] 0.14	[0.83] 0.68	E	20
PCB-1232 (AROCLOR)	11141-16-5	[0.037] 0.033	[0.14] 0.13	E	[0.17] 0.14	[0.7] 0.54	E	[3.7] 3.3	[14] 13	E	[17] 14	[66] 54	E	[0.037] 0.033	[0.14] 0.13	E	[0.17] 0.14	[0.7] 0.54	E	20
PCB-1242 (AROCLOR)	53469-21-9	[0.037] 0.033	4	E	[0.17] 0.14	[20] 17	E	[3.7] 3.3	[440] 400	E	10	1,200	E	[0.037] 0.033	4	E	[0.17] 0.14	[20] 17	E	10
PCB-1248 (AROCLOR)	12672-29-6	[0.037] 0.033	[18] 16	E	[0.17] 0.14	[81] 67	E	[3.7] 3.3	[1,800] 1,600	E	5.4	2,600	E	[0.037] 0.033	[18] 16	E	[0.17] 0.14	[81] 67	E	10
PCB-1254 (AROCLOR)	11097-69-1	[0.037] 0.069	[75] 140	E	[0.17] 0.19	[340] 380	E	[3.7] 5.7	[7,500] 10,000	[E] C	5.7	10,000	C	[0.037] 0.069	[75] 140	E	[0.17] 0.19	[340] 380	E	5
PCB-1260 (AROCLOR)	11096-82-5	[0.037] 0.033	[170] 150	E	[0.17] 0.14	[770] 630	E	[3.7] 3.3	[17,000] 15,000	E	8	36,000	E	[0.037] 0.033	[170] 150	E	[0.17] 0.14	[770] 630	E	5

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		TDS ≤ 2500 mg/L					TDS > 2500 mg/L					Residential		Nonresidential						
		Residential		Nonresidential			Residential		Nonresidential			Residential		Nonresidential						
		100 X GW MSC	Generic Value	100 X GW MSC	Generic Value	E	100 X GW MSC	Generic Value	100 X GW MSC	Generic Value	E	100 X GW MSC	Generic Value	100 X GW MSC	Generic Value		E			
PEBULATE	1114-71-2	[210] 170	[350] 290	E	[580] 490	[980] 830	E	9,200	10,000	C	9,200	10,000	C	[210] 170	[350] 290	E	[580] 490	[980] 830	E	30
PENTACHLOROBENZENE	608-93-5	[3.3] 2.8	[260] 220	E	[9.3] 7.8	[750] 620	E	74	5,900	E	74	5,900	E	74	5,900	E	74	5,900	E	10
PENTACHLOROETHANE	76-01-7	[0.81] 0.72	[3.9] 3.5	E	[3.8] 3	[19] 15	E	[81] 72	[390] 350	E	[380] 300	[1,900] 1,500	E	[0.81] 0.72	[3.9] 3.5	E	[3.8] 3	[19] 15	E	20
PENTACHLORO NITROBENZENE	82-68-8	[0.28] 0.25	[6] 5	E	1	[26] 20	E	[28] 25	[560] 500	E	44	870	E	44	870	E	44	870	E	15
PENTACHLOROPHENOL	87-86-5	0.1	5	E	0.1	5	E	10	500	E	10	500	E	100	5,000	E	100	5,000	E	10
<b>PERFLUOROBUTANE SULFONATE (PFBS)</b>	<b>375-73-5</b>	<b>69</b>	<b>NA N/A</b>	<b>C</b>	<b>190</b>	<b>NA N/A</b>	<b>C</b>	<b>6,900</b>	<b>NA N/A</b>	<b>C</b>	<b>10,000</b>	<b>NA N/A</b>	<b>C</b>	<b>69</b>	<b>NA N/A</b>	<b>C</b>	<b>190</b>	<b>NA N/A</b>	<b>C</b>	<b>NA</b>
<b>PERFLUOROCTANE SULFONATE (PFOS)</b>	<b>1763-23-1</b>	<b>0.007</b>	<b>NA N/A</b>	<b>E</b>	<b>0.007</b>	<b>NA N/A</b>	<b>E</b>	<b>0.7</b>	<b>NA N/A</b>	<b>E</b>	<b>0.7</b>	<b>NA N/A</b>	<b>E</b>	<b>0.007</b>	<b>NA N/A</b>	<b>E</b>	<b>0.007</b>	<b>NA N/A</b>	<b>E</b>	<b>NA</b>
<b>PERFLUOROCTANOIC ACID (PFOA)</b>	<b>335-67-1</b>	<b>0.007</b>	<b>NA N/A</b>	<b>E</b>	<b>0.007</b>	<b>NA N/A</b>	<b>E</b>	<b>0.7</b>	<b>NA N/A</b>	<b>E</b>	<b>0.7</b>	<b>NA N/A</b>	<b>E</b>	<b>0.007</b>	<b>NA N/A</b>	<b>E</b>	<b>0.007</b>	<b>NA N/A</b>	<b>E</b>	<b>NA</b>
PHENACETIN	62-44-2	[33] 30	[13] 12	E	[150] 120	[58] 46	E	[3,300] 3,000	[1,300] 1,200	E	[15,000] 12,000	[5,800] 4,600	E	[33,000] 30,000	[13,000] 12,000	E	76,000	29,000	E	NA
PHENANTHRENE	85-01-8	110	10,000	E	110	10,000	E	110	10,000	E	110	10,000	E	110	10,000	E	110	10,000	E	10
PHENOL	108-95-2	200	33	E	200	33	E	20,000	3,300	E	20,000	3,300	E	20,000	3,300	E	20,000	3,300	E	NA
PHENYL MERCAPTAN	108-98-5	[4,200] 3.5	[6,400] 5.3	E	[12] 9.7	[18] 15	E	[420] 350	[640] 530	E	[1,200] 970	[1,800] 1,500	E	[4.2] 3.5	[6.4] 5.3	E	[12] 9.7	[18] 15	E	30
PHENYLENEDIAMINE, M-	108-45-2	[25] 21	[3.5] 3	E	[70] 58	[9.9] 8.2	E	[2,500] 2,100	[350] 300	E	[7,000] 5,800	[990] 820	E	[25,000] 21,000	[3,500] 3,000	E	[70,000] 58,000	[9,900] 8,200	E	NA
PHENYLPHENOL, 2-	90-43-7	[38] 34	[550] 490	E	[180] 140	[2,600] 2,000	E	[3,800] 3,400	[55,000] 49,000	E	[18,000] 14,000	190,000 0	C	[38,000] 34,000	190,000 0	C	70,000	190,000 0	C	15
PHORATE	298-02-2	[0.83] 0.69	[1.8] 1.5	E	[2] 1.9	[4.9] 4.1	E	[83] 69	[180] 150	E	[230] 190	[490] 410	E	[0.83] 0.69	[1.8] 1.5	E	[2] 1.9	[4.9] 4.1	E	30

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All concentrations in mg/kg

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REGULATED SUBSTANCE	CASRN	Used Aquifers										Nonuse Aquifers				Soil Buffer Distance (feet)				
		TDS ≤ 2500 mg/L					TDS > 2500 mg/L					Residential		Nonresidential						
		Residential		Nonresidential			Residential		Nonresidential			100 X GW MSC	Generic Value	100 X GW MSC	Generic Value					
		100 X GW MSC	Generic Value	100 X GW MSC	Generic Value	E	100 X GW MSC	Generic Value	100 X GW MSC	Generic Value	E	100 X GW MSC	Generic Value	100 X GW MSC	Generic Value					
PHTHALIC ANHYDRIDE	85-44-9	[8,300] 4.2	[2,600] 1.3	E	[23,000] 18	[7,100] 5.6	E	[190,000] 420	[190,000] 130	C	[190,000] 1,800	[190,000] 560	C	[190,000] 420	[190,000] 130	E	[190,000] 1,800	[190,000] 560	C	NA
PICLORAM	1918-02-1	50	7.4	E	50	7.4	E	5,000	740	E	5,000	740	E	50	7.4	E	50	7.4	E	NA
PROMETON	1610-18-0	40	39	E	40	39	E	4,000	3,900	E	4,000	3,900	E	40	39	E	40	39	E	NA
PRONAMIDE	23950-58-5	[310] 260	[190] 160	E	[880] 730	[540] 450	E	1,500	920	E	1,500	920	E	[310] 260	[190] 160	E	[880] 730	[540] 450	E	NA
<b>PROPACHLOR</b>	<b>1918-16-7</b>	<b>0.01</b>	<b>0.0046</b>	<b>E</b>	<b>0.01</b>	<b>0.0046</b>	<b>E</b>	<b>1</b>	<b>0.46</b>	<b>E</b>	<b>1</b>	<b>0.46</b>	<b>E</b>	<b>1</b>	<b>0.46</b>	<b>E</b>	<b>1</b>	<b>0.46</b>	<b>E</b>	<b>NA</b>
PROPANIL	709-98-8	[21] 17	[11] 8.7	E	[58] 49	[30] 25	E	[2,100] 1,700	[1,100] 870	E	[5,800] 4,900	[3,000] 2,500	E	[21] 17	[11] 8.7	E	[58] 49	[30] 25	E	NA
PROPANOL, 2- (ISOPROPYL ALCOHOL)	67-63-0	42	7.3	E	180	31	E	4,200	730	E	10,000	3,100	E	42	[7] 7.3	E	180	31	E	NA
PROPAZINE	139-40-2	1	0.5	E	1	0.5	E	100	50	E	100	50	E	1	0.5	E	1	0.5	E	NA
PROPHAM	122-42-9	10	2.4	E	10	2.4	E	1,000	240	E	1,000	240	E	10	2.4	E	10	2.4	E	NA
PROPYLBENZENE, N-	103-65-1	210	400	E	880	1,700	E	5,200	9,900	E	5,200	9,900	E	210	400	E	880	1,700	E	30
PROPYLENE OXIDE	75-56-9	[0.3] 0.27	[0.052] 0.047	E	[1.4] 1.1	[0.24] 0.19	E	[30] 27	[5.2] 4.7	E	[140] 110	[24] 19	E	[0.3] 0.27	[0.052] 0.047	E	[1.4] 1.1	[0.24] 0.19	E	NA
PYRENE	129-00-0	13	2,200	E	13	2,200	E	13	2,200	E	13	2,200	E	13	2,200	E	13	2,200	E	10
<b>PYRETHRUM</b>	<b>8003-34-7</b>	<b>35</b>	<b>4.4</b>	<b>E</b>	<b>35</b>	<b>4.4</b>	<b>E</b>	<b>35</b>	<b>4.4</b>	<b>E</b>	<b>35</b>	<b>4.4</b>	<b>E</b>	<b>35</b>	<b>4.4</b>	<b>E</b>	<b>35</b>	<b>4.4</b>	<b>E</b>	<b>NA</b>
PYRIDINE	110-86-1	[4.2] 3.4	[0.47] 0.39	E	[12] 9.7	[1.3] 1.1	E	[420] 350	[47] 39	E	[1,200] 970	[130] 110	E	[42] 35	[4.7] 3.9	E	[120] 97	[13] 11	E	NA
QUINOLINE	91-22-5	[0.024] 0.022	[0.081] 0.074	E	[0.11] 0.091	[0.37] 0.31	E	[2.4] 2.2	[8.1] 7.4	E	[11] 9.1	[37] 31	E	[24] 22	[81] 74	E	[110] 91	[370] 310	E	20
QUIZALOFOP (ASSURE)	76578-14-8	30	47	E	30	47	E	30	47	E	30	47	E	30	47	E	30	47	E	30
RDX	121-82-4	0.2	0.057	E	0.2	0.057	E	20	5.7	E	20	5.7	E	0.2	0.057	E	0.2	0.057	E	NA
RESORCINOL	108-46-3	[8,300] 6,900	[970] 800	E	[23,000] 19,000	[2,700] 2,200	E	190,000	[97,000] 80,000	E	190,000	190,000	C	[8,300] 6,900	[970] 800	E	[23,000] 19,000	[2,700] 2,200	E	NA
RONNEL	299-84-3	[210] 170	[330] 270	E	[580] 490	[910] 760	E	4,000	6,200	E	4,000	6,200	E	[210] 170	[330] 270	E	[580] 490	[910] 760	E	30
SIMAZINE	122-34-9	0.4	0.15	E	0.4	0.15	E	40	15	E	40	15	E	0.4	0.15	E	0.4	0.15	E	NA

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REGULATED SUBSTANCE	CASRN	Used Aquifers										Nonuse Aquifers				Soil Buffer Distance (feet)				
		TDS ≤ 2500 mg/L					TDS > 2500 mg/L					Residential		Nonresidential						
		Residential		Nonresidential			Residential		Nonresidential			100 X GW MSC	Generic Value	100 X GW MSC	Generic Value					
		100 X GW MSC	Generic Value	100 X GW MSC	Generic Value	E	100 X GW MSC	Generic Value	100 X GW MSC	Generic Value	E	100 X GW MSC	Generic Value	100 X GW MSC	Generic Value					
STRYCHNINE	57-24-9	[1.3] 1	[1.1] 0.81	E	[3.5] 2.9	[2.8] 2.4	E	[130] 100	[110] 81	E	[350] 290	[280] 240	E	[1,300] 1,000	[1,100] 810	E	[3,500] 2,900	[2,800] 2,400	E	NA
STYRENE	100-42-5	10	24	E	10	24	E	1,000	2,400	E	1,000	2,400	E	1,000	2,400	E	1,000	2,400	E	30
TEBUTHIURON	34014-18-1	50	83	E	50	83	E	5,000	8,300	E	5,000	8,300	E	50	83	E	50	83	E	30
TERBACIL	5902-51-2	9	2.2	E	9	2.2	E	900	220	E	900	220	E	9	2.2	E	9	2.2	E	NA
TERBUFOS	13071-79-9	0.04	0.055	E	0.04	0.055	E	4	5.5	E	4	5.5	E	0.04	0.055	E	0.04	0.055	E	30
TETRACHLOROENZENE, 1,2,4,5-	95-94-3	[1.3] 1	[6] 4.6	E	[3.5] 2.9	[16] 13	E	58	270	E	58	270	E	58	270	E	58	270	E	20
TETRACHLORODIBENZO-P-DIOXIN, 2,3,7,8- (TCDD)	1746-01-6	0.00003	0.032	E	0.00003	0.032	E	0.0003	3.2	E	0.0003	3.2	E	0.0019	20	E	0.0019	20	E	5
TETRACHLOROETHANE, 1,1,1,2-	630-20-6	7	18	E	7	18	E	700	1,800	E	700	1,800	E	700	1,800	E	700	1,800	E	30
TETRACHLOROETHANE, 1,1,2,2-	79-34-5	[0.08] 0.084	0.026	E	0.43	0.13	E	[8] 8.4	2.6	E	43	13	E	[8] 8.4	2.6	E	43	13	E	NA
TETRACHLOROETHYLENE (PCE)	127-18-4	0.5	0.43	E	0.5	0.43	E	50	43	E	50	43	E	5	4.3	E	5	4.3	E	NA
TETRACHLOROPHENOL, 2,3,4,6-	58-90-2	[130] 100	[2,000] 1,600	E	[350] 290	[5,500] 4,500	E	[13,000] 10,000	[190,000] 160,000	[C] E	18,000	190,000	C	18,000	190,000	C	18,000	190,000	C	15
TETRAETHYL LEAD	78-00-2	[0.00042] 0.00035	[0.0052] 0.0043	E	[0.0012] 0.00097	[0.015] 0.012	E	[0.042] 0.035	[0.52] 0.43	E	[0.1] 0.097	[1.5] 1.2	E	[0.42] 0.35	[0.52] 0.43	E	[1] 0.97	[15] 12	E	15
TETRAETHYLDITHIO PYROPHOSPHATE	3689-24-5	[2.1] 1.7	[3.1] 2.5	E	[5.8] 4.9	[8.6] 7.3	E	[210] 170	[310] 250	E	[580] 490	[860] 730	E	[2.1] 1.7	[3.1] 2.5	E	[5.8] 4.9	[8.6] 7.3	E	30
TETRAHYDROFURAN	109-99-9	[2.6] 2.5	[0.57] 0.55	E	13	2.8	E	[260] 250	[57] 55	E	1,300	280	E	[2.6] 2.5	[0.57] 0.55	E	13	2.8	E	NA
THIOFANOX	39196-18-4	[1.3] 1	[0.14] 0.11	E	[3.5] 2.9	[0.39] 0.32	E	[130] 100	[14] 11	E	[350] 290	[39] 32	E	[1.3] 1	[0.14] 0.11	E	[3.5] 2.9	[0.39] 0.32	E	NA
THIRAM	137-26-8	[21] 52	[55] 140	E	[58] 150	[150] 390	E	[2,100] 3,000	[5,500] 7,800	E	3,000	7,800	E	[21] 52	[55] 140	E	[58] 150	[150] 390	E	20
TOLUENE	108-88-3	100	44	E	100	44	E	10,000	4,400	E	10,000	4,400	E	10,000	4,400	E	10,000	4,400	E	NA

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		Residential		Nonresidential			Residential		Nonresidential			100 X GW MSC	Generic Value	100 X GW MSC	Generic Value	
		100 X GW MSC	Generic Value	100 X GW MSC	Generic Value	E	100 X GW MSC	Generic Value	100 X GW MSC	Generic Value	E	100 X GW MSC	Generic Value	100 X GW MSC	Generic Value	
TOLUIDINE, M-	108-44-1	[4.6] 4.1	[2.1] 1.9 E	[21] 17	[9.7] 7.8 E	[460] 410	[210] 190 E	[2,100] 1,700	[970] 780 E	[4.6] 4.1	[2.1] 1.9 E	[21] 17	[9.7] 7.8	E	NA	
TOLUIDINE, O-	95-53-4	[4.6] 4.1	[5.2] 4.7 E	[21] 17	[24] 19 E	[460] 410	[520] 470 E	[2,100] 1,700	[2,400] 1,900 E	[4,600] 4,100	[5,200] 4,700 E	10,000	10,000	C	NA	
TOLUIDINE, P-	106-49-0	[2.4] 2.2	[2.2] 2 E	[11] 9.1	[10] 8.3 E	[240] 220	[220] 200 E	[1,100] 910	[1,000] 830 E	[2.4] 2.2	[2.2] 2 E	[11] 9.1	[10] 8.3	E	NA	
TOXAPHENE	8001-35-2	0.3	1.2 E	0.3	1.2 E	30	120 E	30	120 E	0.3	1.2 E	0.3	1.2 E	E	20	
TRIALATE	2303-17-5	[54] 0.091	[280] 0.47 E	[150] 0.38	[770] 1.9 E	[400] 9.1	[2,000] 47 E	[400] 38	[2,000] 190 E	[54] 0.091	[280] 0.47 E	[150] 0.38	[770] 1.9	E	15	
TRIBROMOMETHANE (BROMOFORM) (THM)	75-25-2	8	3.5 E	8	3.5 E	800	350 E	800	350 E	800	350 E	800	350 E	E	NA	
TRICHLORO-1,2,2-TRIFLUOROETHANE, 1,1,2-	76-13-1	[6,300] 1,100	[10,000] 3,400	[10,000] 0 4,400	10,000 C	10,000	10,000 C	10,000	10,000 C	10,000	10,000 C	10,000	10,000 C	10,000	10,000 C	20
TRICHLOROACETIC ACID (HAA)	76-03-9	[2] 6	[0.32] 0.97 E	[2] 6	[0.32] 0.97 E	[200] 600	[32] 97 E	[200] 600	[32] 97 E	[2] 6	[0.32] 0.97 E	[2] 6	[0.32] 0.97 E	E	NA	
TRICHLOROBENZENE, 1,2,4-	120-82-1	7	27 E	7	27 E	700	2,700 E	700	2,700 E	[4,400] 700	[10,000] 0 2,700	[4,400] 700	[10,000] 0 2,700	[C] E	20	
TRICHLOROBENZENE, 1,3,5-	108-70-3	4	31 E	4	31 E	400	3,100 E	400	3,100 E	4	31 E	4	31 E	E	15	
TRICHLOROETHANE, 1,1,1-	71-55-6	20	7.2 E	20	7.2 E	2,000	720 E	2,000	720 E	200	72 E	200	72 E	E	NA	
TRICHLOROETHANE, 1,1,2-	79-00-5	0.5	0.15 E	0.5	0.15 E	50	15 E	50	15 E	5	1.5 E	5	1.5 E	E	NA	
TRICHLOROETHYLENE (TCE)	79-01-6	0.5	0.17 E	0.5	0.17 E	50	17 E	50	17 E	5	1.7 E	5	1.7 E	E	NA	
TRICHLOROPHENOL, 2,4,5-	95-95-4	[420] 350	[2,600] 2,100 E	[1,200] 970	[7,300] 5,900 E	[42,000] 35,000	190,00 0 C	[100,000] 97,000	190,00 0 C	100,00 0	190,00 0 C	100,00 0	190,00 0 C	100,00 0	190,00 0 C	15
TRICHLOROPHENOL, 2,4,6-	88-06-2	[4.2] 3.5	[12] 10 E	[12] 9.7	[34] 28 E	[420] 350	[1,200] 1,000 E	[1,200] 970	[3,400] 2,800 E	[4,200] 3,500	[12,000] 0 10,000 E	[12,000] 9,700	[34,000] 0 28,000	E	20	
TRICHLOROPHENOXY ACETIC ACID, 2,4,5- (2,4,5-T)	93-76-5	7	1.5 E	7	1.5 E	700	150 E	700	150 E	7,000	1,500 E	7,000	1,500 E	E	NA	

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		TDS ≤ 2500 mg/L					TDS > 2500 mg/L					Residential		Nonresidential						
		Residential		Nonresidential			Residential		Nonresidential			100 X GW MSC	Generic Value	100 X GW MSC	Generic Value					
		100 X GW MSC	Generic Value	100 X GW MSC	Generic Value	E	100 X GW MSC	Generic Value	100 X GW MSC	Generic Value	E	100 X GW MSC	Generic Value	100 X GW MSC	Generic Value					
TRICHLOROPHENOXY PROPIONIC ACID, 2,4,5-(2,4,5-TP)(SILVEX)	93-72-1	5	22	E	5	22	E	500	2,200	E	500	2,200	E	5	22	E	5	22	E	20
TRICHLOROPROPANE, 1,1,2-	598-77-6	[21] 17	[3.6] 2.9	E	[58] 49	[9.9] 8.4	E	[2,100] 1,700	[360] 290	E	[5,800] 4,900	[990] 840	E	[21] 17	[3.6] 2.9	E	[58] 49	[9.9] 8.4	E	NA
TRICHLOROPROPANE, 1,2,3-	96-18-4	4	3.2	E	4	3.2	E	400	320	E	400	320	E	400	320	E	400	320	E	NA
TRICHLOROPROPENE, 1,2,3-	96-19-5	0.063	0.037	E	0.26	0.15	E	6.3	3.7	E	26	15	E	0.063	0.037	E	0.26	0.15	E	NA
TRIETHYLAMINE	121-44-8	1.5	0.36	E	6.2	1.5	E	150	36	E	620	150	E	1.5	0.36	E	6.2	1.5	E	NA
TRIETHYLENE GLYCOL	112-27-6	[8,300] 6,900	[1,000] 870	E	10,000	[2,900] 2,400	E	10,000	10,000	C	10,000	10,000	C	[8,300] 6,900	[1,000] 870	E	10,000	[2,900] 2,400	E	NA
TRIFLURALIN	1582-09-8	1	1.9	E	1	1.9	E	100	190	E	100	190	E	1	1.9	E	1	1.9	E	30
TRIMETHYLBENZENE, 1,3,4-(TRIMETHYLBENZENE, 1,2,4-)	95-63-6	[1.5] 13	[8.4] 73	E	[6.2] 53	[35] 300	E	[150] 1,300	[840] 7,300	E	[620] 5,300	[3,500] 10,000	[ ] C	[150] 1,300	[840] 7,300	E	[620] 5,300	[3,500] 10,000	[ ] C	15
TRIMETHYLBENZENE, 1,3,5-	108-67-8	[42] 13	[74] 23	E	[120] 53	[210] 93	E	[4,200] 1,300	[7,400] 2,300	E	4,900	8,600	E	[42] 13	[74] 23	E	[120] 53	[210] 93	E	30
TRINITROGLYCEROL (NITROGLYCERIN)	55-63-0	0.5	0.2	E	0.5	0.2	E	50	20	E	50	20	E	50	20	E	50	20	E	NA
TRINITROTOLUENE, 2,4,6-	118-96-7	0.2	0.023	E	0.2	0.023	E	20	2.3	E	20	2.3	E	0.2	0.023	E	0.2	0.023	E	NA
VINYL ACETATE	108-05-4	42	5	E	180	21	E	4,200	500	E	10,000	2,100	E	42	5	E	180	21	E	NA
VINYL BROMIDE (BROMOETHENE)	593-60-2	0.15	0.073	E	0.78	0.38	E	15	7.3	E	78	38	E	1.5	0.73	E	7.8	3.8	E	NA
VINYL CHLORIDE	75-01-4	0.2	0.027	E	0.2	0.027	E	20	2.7	E	20	2.7	E	2	0.27	E	2	0.27	E	NA
WARFARIN	81-81-2	[1.3] 1	[3.1] 2.4	E	[3.5] 2.9	[8.4] 6.9	E	[130] 100	[310] 240	E	[350] 290	[840] 690	E	[1,300] 1,000	[3,100] 2,400	E	1,700	4,100	E	30
XYLENES (TOTAL)	1330-20-7	1,000	990	E	1,000	990	E	10,000	10,000	C	10,000	10,000	C	10,000	10,000	C	10,000	10,000	C	NA
ZINEB	12122-67-7	[210] 170	[33] 27	E	[580] 490	[92] 78	E	1,000	160	E	1,000	160	E	[210] 170	[33] 27	E	[580] 490	[92] 78	E	NA

<sup>1</sup> For other options see Section 250.308

All concentrations in mg/kg

E – Number calculated by the soil to groundwater equation [is] in section 250.308

C – Cap

NA – The soil buffer distance option is not available for this substance

**N/A – SOIL TO GROUNDWATER VALUES CAN NOT BE CALCULATED FOR THESE COMPOUNDS**

[THMs – The values listed for trihalomethanes (THMs) are the total for all THMs combined.]

[HAAs – The values listed for haloacetic acids (HAAs) are the total for all HAAs combined.]