TABLE 3 - MEDIUM-SPECIFIC CONCENTRATIONS (MSCs) FOR ORGANIC REGULATED SUBSTANCES IN SOIL

B. Soil to Groundwater Numeric Values[1]

REGULATED SUBSTANCE	CASRN	Used Aquifers								Nonuse Aquifers				Soil Buffer Distance (feet)
		TDS ≤ 2500				TDS > 2500								
		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	
ACENAPHTHENE	83-32-9	210	2600 E	380	4700 E	380	4700 E	380	4700 E	380	4700 E	380	4700 E	15
ACENAPHTHYLENE	208-96-8	210	2400 E	580	6600 E	1600	18000 E	1600	18000 E	1600	18000 E	1600	18000 E	15
ACEPHATE	30560-19-1	4.2	0.5 E	12	1.4 E	420	50 E	1200	140 E	4.2	0.5 E	12	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	3100	350 E	8800	980 E	10000	10000 C	10000	10000 C	10000	3500 E	10000	9800 E	NA
ACETONITRILE	75-05-8	13	1.5 E	53	6 E	1300	150 E	5300	600 E	130	15 E	530	60 E	NA
ACETOPHENONE	98-86-2	350	190 E	970	520 E	10000	10000 C	10000	10000 C	350	190 E	970	520 E	NA
ACETYLAMINOFLUORENE, 2- (2AAF)	53-96-3	0.017	0.07 E	0.072	0.3 E	1.7	7 E	7.2	30 E	17	70 E	72	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	0.0038	0.46 E	0.016	1.9 E	0.38	46 E	1.6	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	8.8	1 E	2.1	0.25 E	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
AMINOBIPHENYL, 4-	92-67-1	0.0031	0.0012 E	0.013	0.005 E	0.31	0.12 E	1.3	0.5 E	3.1	1.2 E	13	5 E	NA
AMITROLE	61-82-5	0.069	0.028 E	0.29	0.12 E	6.9	2.8 E	29	12 E	69	28 E	290	120 E	NA
AMMONIA	7664-41-7	3000	360 E	3000	360 E	10000	10000 C	10000	10000 C	3000	360 E	3000	360 E	NA
AMMONIUM SULFAMATE	7773-06-0	200	24 E	200	24 E	20000	2400 E	20000	2400 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	5.2	5.9 E	15	17 E	520	590 E	1500	1700 E	5.2	5.9 E	15	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	27	130 E	110	530 E	200	970 E	200	970 E	27	130 E	110	530 E	20
BENTAZON	25057-89-0	20	2.9 E	20	2.9 E	2000	290 E	2000	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	0.000092	0.12 E	0.0012	1.6 E	0.0092	12 E	0.12	160 E	0.092	120 E	1.2	1600 E	5
BENZO[A]ANTHRACENE	56-55-3	0.03	26 E	0.39	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	0.018	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	0.018	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	14000	2700 E	39000	7500 E	190000	52000 E	190000	52000 E	14000	2700 E	39000	7500 E	NA
BENZOTRICHLORIDE	98-07-7	0.005	0.012 E	0.021	0.051 E	0.5	1.2 E	2.1	5.1 E	0.5	1.2 E	2.1	5.1 E	30
BENZYL ALCOHOL	100-51-6	350	130 E	970	350 E	10000	10000 C	10000	10000 C	350	130 E	970	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	0.0063	0.00076 E	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	0.01	0.046 E	0.043	0.2 E	1	4.6 E	4.3	20 E	10	46 E	43	200 E	20
BHC, BETA-	319-85-7	0.036	0.21 E	0.15	0.88 E	3.6	21 E	10	59 E	10	59 E	10	59 E	15

REGULATED SUBSTANCE	CASRN	Used Aquifers								Nonuse Aquifers				Soil Buffer Distance (feet)
		TDS ≤ 2500				TDS > 2500								
		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	
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	0.084	0.37 E	0.35	1.5 E	8.4	37 E	35	150 E	8.4	37 E	35	150 E	20
BIS(2-CHLOROETHOXY)METHANE	111-91-1	10	2.6 E	29	7.6 E	1000	260 E	2900	760 E	10	2.6 E	29	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	3000	800 E	3000	800 E	3000	800 E	3000	800 E	NA
BIS(CHLOROMETHYL)ETHER	542-88-1	0.000079	0.000012 E	0.0004	0.00006 E	0.0079	0.0012 E	0.04	0.006 E	0.0079	0.001 E	0.04	0.006 E	NA
BIS[2-ETHYLHEXYL] PHTHALATE	117-81-7	0.6	130 E	0.6	130 E	29	6300 E	29	6300 E	29	6300 E	29	6300 E	10
BISPHENOL A	80-05-7	170	660 E	490	1900 E	12000	46000 E	12000	46000 E	12000	46000 E	12000	46000 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
BROMOBENZENE	108-86-1	0.006	0.0047 E	0.006	0.0047 E	0.6	0.47 E	0.6	0.47 E	0.006	0.0047 E	0.006	0.0047 E	NA
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
BROMODICHLOROMETHANE	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	0.63	0.54 E	2.6	2.2 E	63	54 E	260	220 E	0.63	0.54 E	2.6	2.2 E	NA
BROMOXYNIL OCTANOATE	1689-99-2	0.63	28 E	2.6	120 E	8	360 E	8	360 E	8	360 E	8	360 E	15
BUTADIENE, 1,3-	106-99-0	0.11	0.045 E	0.45	0.19 E	11	4.5 E	45	19 E	11	4.5 E	45	19 E	NA
BUTYL ALCOHOL, N-	71-36-3	350	42 E	970	120 E	10000	4200 E	10000	10000 C	3500	420 E	9700	1200 E	NA
BUTYLATE	2008-41-5	40	58 E	40	58 E	4000	5800 E	4000	5800 E	40	58 E	40	58 E	30
BUTYLBENZENE, N-	104-51-8	170	1100 E	490	3100 E	1500	9500 E	1500	9500 E	170	1100 E	490	3100 E	15
BUTYLBENZENE, SEC-	135-98-8	350	820 E	970	2300 E	1700	4000 E	1700	4000 E	350	820 E	970	2300 E	30
BUTYLBENZENE, TERT-	98-06-6	350	630 E	970	1800 E	3000	5400 E	3000	5400 E	350	630 E	970	1800 E	30
BUTYLBENZYL PHTHALATE	85-68-7	34	2900 E	140	10000 C	270	10000 C	270	10000 C	270	10000 C	270	10000 C	10
CAPTAN	133-06-2	28	17 E	50	31 E	50	31 E	50	31 E	50	31 E	50	31 E	NA
CARBARYL	63-25-2	350	210 E	970	570 E	12000	7000 E	12000	7000 E	12000	7000 E	12000	7000 E	NA
CARBAZOLE	86-74-8	3.3	21 E	14	89 E	120	760 E	120	760 E	3.3	21 E	14	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	10000	10000 C	10000	10000 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	7000	5300 E	7000	5300 E	70	53 E	70	53 E	NA
CHLORAMBEN	133-90-4	10	1.6 E	10	1.6 E	1000	160 E	1000	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	1400 E	5.6	1400 E	5.6	1400 E	5.6	1400 E	10
CHLORO-1,1-DIFLUOROETHANE, 1-	75-68-3	10000	1800 E	10000	7300 E	10000	10000 C	10000	10000 C	10000	1800 E	10000	7300 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	0.12 E	24	2.9 E	100	12 E	0.24	0.029 E	1	0.12 E	NA
CHLOROANILINE, P-	106-47-8	0.33	0.42 E	1.4	1.8 E	33	42 E	140	180 E	0.33	0.42 E	1.4	1.8 E	NA
CHLOROBENZENE	108-90-7	10	6.1 E	10	6.1 E	1000	610 E	1000	610 E	1000	610 E	1000	610 E	NA
CHLOROBENZILATE	510-15-6	0.59	3.9 E	2.5	17 E	59	390 E	250	1700 E	590	3900 E	1300	8600 E	15
CHLOROBUTANE, 1-	109-69-3	140	220 E	390	610 E	10000	10000 C	10000	10000 C	140	220 E	390	610 E	30
CHLORODIBROMOMETHANE	124-48-1	8	2.5 E	8	2.5 E	800	250 E	800	250 E	800	250 E	800	250 E	NA
CHLORODIFLUOROMETHANE	75-45-6	10000	2800 E	10000	10000 C	10000	10000 C	10000	10000 C	10000	2800 E	10000	10000 C	NA
CHLOROETHANE	75-00-3	2100	450 E	8800	1900 E	10000	10000 C	10000	10000 C	10000	10000 C	10000	10000 C	NA
CHLOROFORM	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	280	6000 E	780	17000 E	1200	26000 E	1200	26000 E	280	6000 E	780	17000 E	15
CHLORONITROBENZENE, P-	100-00-5	0.42	0.55 E	1.8	2.4 E	42	55 E	180	240 E	0.42	0.55 E	1.8	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	2100	1600 E	8800	6700 E	21	16 E	88	67 E	NA

REGULATED SUBSTANCE	CASRN	Used Aquifers								Nonuse Aquifers				Soil Buffer Distance (feet)
		TDS ≤ 2500				TDS > 2500								
		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	
CHLOROTHALONIL	1897-45-6	3.8	9.7 E	16	41 E	60	150 E	60	150 E	3.8	9.7 E	16	41 E	30
CHLOROTOLUENE, O-	95-49-8	10	20 E	10	20 E	1000	2000 E	1000	2000 E	10	20 E	10	20 E	30
CHLOROTOLUENE, P-	106-43-4	10	10 E	10	10 E	1000	1000 E	1000	1000 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
CHLORSULFURON	64902-72-3	69	9.6 E	190	26 E	6900	960 E	19000	2600 E	69	9.6 E	190	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	0.18	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	10000	2300 E	10000	9200 E	10000	2300 E	10000	9200 E	NA
CRESOL, 4,6-DINITRO-O-	534-52-1	0.28	0.21 E	0.78	0.59 E	28	21 E	78	59 E	28	21 E	78	59 E	NA
CRESOL, O- (2-METHYLPHENOL)	95-48-7	170	28 E	490	81 E	17000	2800 E	49000	8100 E	17000	2800 E	49000	8100 E	NA
CRESOL, M- (3-METHYLPHENOL)	108-39-4	170	34 E	490	97 E	10000	3400 E	10000	9700 E	10000	10000 C	10000	10000 C	NA
CRESOL, P- (4-METHYLPHENOL)	106-44-5	17	4 E	49	11 E	1700	400 E	4900	1100 E	17000	4000 E	49000	11000 E	NA
CRESOL, P-CHLORO-M-	59-50-7	350	720 E	970	2000 E	35000	72000 E	97000	190000 C	350	720 E	970	2000 E	30
CROTONALDEHYDE	4170-30-3	0.034	0.0043 E	0.14	0.018 E	3.4	0.43 E	14	1.8 E	3.4	0.43 E	14	1.8 E	NA
CROTONALDEHYDE, TRANS-	123-73-9	0.034	0.0043 E	0.14	0.018 E	3.4	0.43 E	14	1.8 E	3.4	0.43 E	14	1.8 E	NA
CUMENE (ISOPROPYL BENZENE)	98-82-8	84	600 E	350	2500 E	5000	10000 C	5000	10000 C	5000	10000 C	5000	10000 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	1300	1700 E	5300	6900 E	5500	7200 E	5500	7200 E	1300	1700 E	5300	6900 E	NA
CYCLOHEXANONE	108-94-1	150	41 E	620	170 E	10000	4100 E	10000	10000 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
CYROMAZINE	66215-27-8	1700	5300 E	4900	15000 E	170000	190000 C	190000	190000 C	1700	5300 E	4900	15000 E	20
DDD, 4,4'-	72-54-8	0.27	30 E	1.1	120 E	16	1800 E	16	1800 E	16	1800 E	16	1800 E	10
DDE, 4,4'-	72-55-9	0.19	41 E	0.8	170 E	4	870 E	4	870 E	4	870 E	4	870 E	10
DDT, 4,4'-	50-29-3	0.19	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	10000 C	40	10000 C	4000	10000 C	4000	10000 C	10000	10000 C	10000	10000 C	5
DIALLATE	2303-16-4	1.1	0.64 E	4.5	2.6 E	110	64 E	450	260 E	1100	640 E	4000	2300 E	NA
DIAMINOTOLUENE, 2,4-	95-80-7	0.016	0.0032 E	0.068	0.014 E	1.6	0.32 E	6.8	1.4 E	16	3.2 E	68	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	0.0052	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	3.5	90 E	9.7	250 E	350	9000 E	450	12000 E	350	9000 E	450	12000 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	35	140 E	97	400 E	2000	8200 E	2000	8200 E	35	140 E	97	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	350	1400 E	970	4000 E	10000	10000 C	10000	10000 C	10000	10000 C	10000	10000 C	20
DICAMBA	1918-00-9	400	45 E	400	45 E	40000	4500 E	40000	4500 E	400	45 E	400	45 E	NA
DICHLOROACETIC ACID	79-43-6	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 E	0.6	0.34 E	0.0012	0.0007 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	6000	5900 E	6000	5900 E	6000	5900 E	6000	5900 E	NA
DICHLOROBENZENE, 1,3-	541-73-1	60	61 E	60	61 E	6000	6100 E	6000	6100 E	6000	6100 E	6000	6100 E	NA
DICHLOROBENZENE, P-	106-46-7	7.5	10 E	7.5	10 E	750	1000 E	750	1000 E	750	1000 E	750	1000 E	30
DICHLOROBENZIDINE, 3,3'-	91-94-1	0.14	7.7 E	0.6	33 E	14	770 E	60	3300 E	140	7700 E	310	17000 E	10
DICHLORODIFLUOROMETHANE (FREON 12)	75-71-8	100	100 E	100	100 E	10000	10000 C	10000	10000 C	10000	10000 C	10000	10000 C	NA
DICHLOROETHANE, 1,1-	75-34-3	3.1	0.75 E	16	3.9 E	310	75 E	1600	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

REGULATED SUBSTANCE	CASRN	Used Aquifers								Nonuse Aquifers				Soil Buffer Distance (feet)
		TDS ≤ 2500				TDS > 2500								
		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	
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	1000	230 E	1000	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	2000	1000 E	2000	1000 E	NA
DICHLOROPHENOXYACETIC ACID, 2,4- (2,4-D)	94-75-7	7	1.8 E	7	1.8 E	700	180 E	700	180 E	7000	1800 E	7000	1800 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	0.65	0.12 E	2.7	0.48 E	65	12 E	270	48 E	65	12 E	270	48 E	NA
DICHLOROPROPIONIC ACID, 2,2- (DALAPON)	75-99-0	20	5.3 E	20	5.3 E	2000	530 E	2000	530 E	2000	530 E	2000	530 E	NA
DICHLORVOS	62-73-7	0.22	0.052 E	0.94	0.22 E	22	5.2 E	94	22 E	0.22	0.052 E	0.94	0.22 E	NA
DICYCLOPENTADIENE	77-73-6	0.063	0.13 E	0.26	0.56 E	6.3	13 E	26	56 E	0.063	0.13 E	0.26	0.56 E	30
DIELDRIN	60-57-1	0.0041	0.11 E	0.017	0.47 E	0.41	11 E	1.7	47 E	4.1	110 E	17	470 E	15
DIETHYL PHTHALATE	84-66-2	2800	880 E	7800	2400 E	10000	10000 C	10000	10000 C	10000	10000 C	10000	10000 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	6000	820 E	6000	820 E	60	8.2 E	60	8.2 E	NA
DIMETHOATE	60-51-5	7.6	2.9 E	21	8.1 E	760	290 E	2100	810 E	7600	2900 E	21000	8100 E	NA
DIMETHOXYBENZIDINE, 3,3-	119-90-4	0.041	0.14 E	0.17	0.57 E	4.1	14 E	17	57 E	41	140 E	170	570 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
DIMETHYLAMINOAZOBENZENE, P-	60-11-7	0.014	0.037 E	0.059	0.15 E	1.4	3.7 E	5.9	15 E	14	37 E	59	150 E	20
DIMETHYLANILINE, N,N-	121-69-7	2.4	1.3 E	10	5.6 E	240	130 E	1000	560 E	240	130 E	1000	560 E	NA
DIMETHYLBENZIDINE, 3,3-	119-93-7	0.0059	0.33 E	0.025	1.4 E	0.59	33 E	2.5	140 E	5.9	330 E	25	1400 E	10
DIMETHYL METHYLPHOSPHONATE	756-79-6	10	1.2 E	10	1.2 E	1000	120 E	1000	120 E	10	1.2 E	10	1.2 E	NA
DIMETHYLPHENOL, 2,4-	105-67-9	69	30 E	190	83 E	6900	3000 E	10000	8300 E	10000	10000 C	10000	10000 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
DINITROPHENOL, 2,4-	51-28-5	6.9	0.78 E	19	2.1 E	690	78 E	1900	210 E	6900	780 E	19000	2100 E	NA
DINITROTOLUENE, 2,4-	121-14-2	0.21	0.05 E	0.88	0.21 E	21	5 E	88	21 E	210	50 E	880	210 E	NA
DINITROTOLUENE, 2,6- (2,6-DNT)	606-20-2	0.043	0.013 E	0.18	0.053 E	4.3	1.3 E	18	5.3 E	43	13 E	180	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	0.65	0.085 E	2.7	0.35 E	65	8.5 E	270	35 E	6.5	0.85 E	27	3.5 E	NA
DIPHENAMID	957-51-7	20	12 E	20	12 E	2000	1200 E	2000	1200 E	20	12 E	20	12 E	NA
DIPHENYLAMINE	122-39-4	350	210 E	970	570 E	30000	18000 E	30000	18000 E	30000	18000 E	30000	18000 E	NA
DIPHENYLHYDRAZINE, 1,2-	122-66-7	0.022	0.039 E	0.11	0.19 E	2.2	3.9 E	11	19 E	2.2	3.9 E	11	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	6.9	5.9 E	19	16 E	690	590 E	1900	1600 E	6.9	5.9 E	19	16 E	NA
ENDOSULFAN	115-29-7	21	110 E	48	250 E	48	250 E	48	250 E	48	250 E	48	250 E	15
ENDOSULFAN I (ALPHA)	959-98-8	21	110 E	50	260 E	50	260 E	50	260 E	21	110 E	50	260 E	15
ENDOSULFAN II (BETA)	33213-65-9	21	120 E	45	260 E	45	260 E	45	260 E	21	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	1000	410 E	1000	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	17	2 E	49	5.7 E	1700	200 E	4900	570 E	17	2 E	49	5.7 E	NA
ETHION	563-12-2	1.7	37 E	4.9	110 E	85	1900 E	85	1900 E	1.7	37 E	4.9	110 E	15
ETHOXYETHANOL, 2- (EGEE)	110-80-5	42	5.9 E	180	25 E	4200	590 E	10000	2500 E	4200	590 E	10000	2500 E	NA
ETHYL ACETATE	141-78-6	15	3.9 E	62	16 E	1500	390 E	6200	1600 E	1500	390 E	6200	1600 E	NA
ETHYL ACRYLATE	140-88-5	1.4	0.54 E	5.7	2.2 E	140	54 E	570	220 E	140	54 E	570	220 E	NA

REGULATED SUBSTANCE	CASRN	Used Aquifers								Nonuse Aquifers				Soil Buffer Distance (feet)
		TDS ≤ 2500				TDS > 2500								
		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	
ETHYL BENZENE	100-41-4	70	46 E	70	46 E	7000	4600 E	7000	4600 E	7000	4600 E	7000	4600 E	NA
ETHYL DIPROPYLTHIOCARBAMATE, S- (EPTC)	759-94-4	170	120 E	490	350 E	10000	10000 C	10000	10000 C	170	120 E	490	350 E	NA
ETHYL ETHER	60-29-7	690	190 E	1900	530 E	10000	10000 C	10000	10000 C	690	190 E	1900	530 E	NA
ETHYL METHACRYLATE	97-63-2	63	10 E	260	43 E	6300	1000 E	10000	4300 E	63	10 E	260	43 E	NA
ETHYLENE CHLORHYDRIN	107-07-3	69	7.9 E	190	22 E	6900	790 E	10000	2200 E	69	7.9 E	190	22 E	NA
ETHYLENE GLYCOL	107-21-1	1400	170 E	1400	170 E	10000	10000 C	10000	10000 C	10000	10000 C	10000	10000 C	NA
ETHYLENE THIOUREA (ETU)	96-45-7	0.28	0.031 E	0.78	0.087 E	28	3.1 E	78	8.7 E	280	31 E	780	87 E	NA
ETHYLP-NITROPHENYL PHENYLPHOSPHOROTHIOATE	2104-64-5	0.035	0.11 E	0.097	0.3 E	3.5	11 E	9.7	30 E	0.035	0.11 E	0.097	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	3200 E	26	3200 E	26	3200 E	26	3200 E	26	3200 E	26	3200 E	10
FLUORENE	86-73-7	140	2800 E	190	3800 E	190	3800 E	190	3800 E	190	3800 E	190	3800 E	15
FLUOROTRICHLOROMETHANE (FREON 11)	75-69-4	200	87 E	200	87 E	10000	8700 E	10000	8700 E	10000	8700 E	10000	8700 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	10000	1200 E	10000	1200 E	10000	1200 E	10000	1200 E	NA
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	8700	7700 E	24000	21000 E	190000	190000 C	190000	190000 C	8700	7700 E	24000	21000 E	NA
FURAN	110-00-9	3.5	1.5 E	9.7	4.2 E	350	150 E	970	420 E	350	150 E	970	420 E	NA
FURFURAL	98-01-1	1.9	0.24 E	7.8	0.99 E	190	24 E	780	99 E	1.9	0.24 E	7.8	0.99 E	NA
GLYPHOSATE	1071-83-6	70	620 E	70	620 E	7000	62000 E	7000	62000 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	1100 E	20	1100 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	0.84	10 E	3.5	42 E	84	1000 E	290	3400 E	290	3400 E	290	3400 E	15
HEXACHLOROCYCLOPENTADIENE	77-47-4	5	91 E	5	91 E	180	3300 E	180	3300 E	180	3300 E	180	3300 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	1400 E	580	5300 E	950	8700 E	950	8700 E	150	1400 E	580	5300 E	15
HEXAZINONE	51235-04-2	40	8.5 E	40	8.5 E	4000	850 E	4000	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	0.0051	0.00057 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	1.1	0.15 E	4.5	0.61 E	110	15 E	450	61 E	1100	150 E	4500	610 E	NA
INDENO[1,2,3-CD]PYRENE	193-39-5	0.018	1400 E	0.23	18000 E	1.8	140000 E	6.2	190000 C	6.2	190000 C	6.2	190000 C	5
IPRODIONE	36734-19-7	1.5	4.3 E	6.2	18 E	150	430 E	620	1800 E	1.5	4.3 E	6.2	18 E	20
ISOBUTYL ALCOHOL	78-83-1	1000	260 E	2900	760 E	10000	10000 C	10000	10000 C	10000	10000 C	10000	10000 C	NA
ISOPHORONE	78-59-1	10	1.9 E	10	1.9 E	1000	190 E	1000	190 E	10000	1900 E	10000	1900 E	NA
ISOPROPYL METHYLPHOSPHONATE	1832-54-8	70	8.1 E	70	8.1 E	7000	810 E	7000	810 E	70	8.1 E	70	8.1 E	NA
KEPONE	143-50-0	0.0065	0.89 E	0.027	3.7 E	0.65	89 E	2.7	370 E	6.5	890 E	27	3700 E	10
MALATHION	121-75-5	50	170 E	50	170 E	5000	10000 C	5000	10000 C	10000	10000 C	10000	10000 C	20
MALEIC HYDRAZIDE	123-33-1	400	47 E	400	47 E	40000	4700 E	40000	4700 E	400	47 E	400	47 E	NA
MANEB	12427-38-2	1.1	0.12 E	4.5	0.51 E	110	12 E	450	51 E	1.1	0.12 E	4.5	0.51 E	NA
MERPHOS OXIDE	78-48-8	1.7	230 E	4.9	650 E	170	10000 C	230	10000 C	1.7	230 E	4.9	650 E	10
METHACRYLONITRILE	126-98-7	0.35	0.057 E	0.97	0.16 E	35	5.7 E	97	16 E	0.35	0.057 E	0.97	0.16 E	NA
METHAMIDOPHOS	10265-92-6	0.17	0.021 E	0.49	0.061 E	17	2.1 E	49	6.1 E	0.17	0.021 E	0.49	0.061 E	NA
METHANOL	67-56-1	4200	500 E	10000	2100 E	10000	10000 C	10000	10000 C	10000	10000 C	10000	10000 C	NA
METHOMYL	16752-77-5	20	3.2 E	20	3.2 E	2000	320 E	2000	320 E	20	3.2 E	20	3.2 E	NA

REGULATED SUBSTANCE	CASRN	Used Aquifers								Nonuse Aquifers				Soil Buffer Distance (feet)
		TDS ≤ 2500				TDS > 2500								
		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	
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	1800	200 E	42	4.8 E	180	20 E	NA
METHYL ACETATE	79-20-9	3500	650 E	9700	1800 E	10000	10000 C	10000	10000 C	3500	650 E	9700	1800 E	NA
METHYL ACRYLATE	96-33-3	4.2	1 E	18	4.5 E	420	100 E	1800	450 E	420	100 E	1800	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
METHYL ETHYL KETONE	78-93-3	400	76 E	400	76 E	10000	7600 E	10000	7600 E	10000	7600 E	10000	7600 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	280	43 E	780	120 E	10000	4300 E	10000	10000 C	10000	4300 E	10000	10000 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	2600	640 E	6.3	1.6 E	26	6.4 E	NA
METHYL METHACRYLATE	80-62-6	150	20 E	620	84 E	10000	2000 E	10000	8400 E	10000	2000 E	10000	8400 E	NA
METHYL METHANESULFONATE	66-27-3	0.66	0.082 E	2.7	0.34 E	66	8.2 E	270	34 E	0.66	0.082 E	2.7	0.34 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	4700 E	3500	10000 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	3000	1200 E	3000	1200 E	NA
METHYLENE BIS(2-CHLOROANILINE), 4,4'-	101-14-4	0.21	1.6 E	2.7	21 E	21	160 E	270	2100 E	0.21	1.6 E	2.7	21 E	15
METHYLNAPHTHALENE, 2-	91-57-6	0.63	25 E	2.6	100 E	63	2500 E	260	10000 E	0.63	25 E	2.6	100 E	15
METHYLSTYRENE, ALPHA	98-83-9	240	420 E	680	1200 E	10000	10000 C	10000	10000 C	240	420 E	680	1200 E	30
METOLACHLOR	51218-45-2	70	40 E	70	40 E	7000	4000 E	7000	4000 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
MEVINPHOS	7786-34-7	0.087	0.019 E	0.24	0.053 E	8.7	1.9 E	24	5.3 E	0.087	0.019 E	0.24	0.053 E	NA
MONOCHLOROACETIC ACID	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	1000	2500 E	1000	2500 E	1000	2500 E	1000	2500 E	30
NAPHTHYLAMINE, 1-	134-32-7	0.036	0.29 E	0.15	1.2 E	3.6	29 E	15	120 E	3.6	29 E	15	120 E	15
NAPHTHYLAMINE, 2-	91-59-8	0.036	0.012 E	0.15	0.049 E	3.6	1.2 E	15	4.9 E	36	12 E	150	49 E	NA
NAPROPAMIDE	15299-99-7	420	970 E	1200	2800 E	7000	16000 E	7000	16000 E	420	970 E	1200	2800 E	30
NITROANILINE, O-	88-74-4	0.011	0.002 E	0.044	0.0079 E	1.1	0.2 E	4.4	0.79 E	0.011	0.002 E	0.044	0.0079 E	NA
NITROANILINE, P-	100-01-6	3.3	0.49 E	14	2.1 E	330	49 E	1400	210 E	3.3	0.49 E	14	2.1 E	NA
NITROBENZENE	98-95-3	0.12	0.052 E	0.63	0.27 E	12	5.2 E	63	27 E	12	5.2 E	63	27 E	NA
NITROGUANIDINE	556-88-7	70	7.8 E	70	7.8 E	7000	780 E	7000	780 E	70	7.8 E	70	7.8 E	NA
NITROPHENOL, 2-	88-75-5	28	5.7 E	78	16 E	2800	570 E	7800	1600 E	2800	570 E	7800	1600 E	NA
NITROPHENOL, 4-	100-02-7	6	4.1 E	6	4.1 E	600	410 E	600	410 E	600	410 E	600	410 E	NA
NITROPROPANE, 2-	79-46-9	0.0018	0.00029 E	0.0093	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	0.000045	0.0000079 E	0.00058	0.0001 E	0.0045	0.00079 E	0.058	0.01 E	0.00045	0.000079 E	0.0058	0.001 E	NA
NITROSODIMETHYLAMINE, N-	62-75-9	0.00014	0.000019 E	0.0018	0.00024 E	0.014	0.0019 E	0.18	0.024 E	0.0014	0.00019 E	0.018	0.0024 E	NA
NITROSO-DI-N-BUTYLAMINE, N-	924-16-3	0.0031	0.0038 E	0.016	0.02 E	0.31	0.38 E	1.6	2 E	0.31	0.38 E	1.6	2 E	NA
NITROSODI-N-PROPYLAMINE, N-	621-64-7	0.0025	0.00035 E	0.013	0.0018 E	0.25	0.035 E	1.3	0.18 E	0.025	0.0035 E	0.13	0.018 E	NA
NITROSODIPHENYLAMINE, N-	86-30-6	1.9	3 E	9.6	15 E	190	300 E	960	1500 E	190	300 E	960	1500 E	30
NITROSO-N-ETHYLUREA, N-	759-73-9	0.00079	0.000091 E	0.01	0.0012 E	0.079	0.0091 E	1	0.12 E	0.79	0.091 E	10	1.2 E	NA
OCTYL PHTHALATE, DI-N-	117-84-0	35	10000 C	97	10000 C	300	10000 C	300	10000 C	300	10000 C	300	10000 C	5
OXAMYL (VYDATE)	23135-22-0	20	2.6 E	20	2.6 E	2000	260 E	2000	260 E	20	2.6 E	20	2.6 E	NA
PARAQUAT	1910-42-5	3	120 E	3	120 E	300	12000 E	300	12000 E	3	120 E	3	120 E	15
PARATHION	56-38-2	0.1	0.59 E	0.29	1.7 E	10	59 E	29	170 E	0.1	0.59 E	0.29	1.7 E	15
POLYCHLORINATED BIPHENYLS (PCBS) (AROCHLORS)	1336-36-3	0.05	9.8 E	0.05	9.8 E	5	980 E	5	980 E	0.05	9.8 E	0.05	9.8 E	10
PCB-1016 (AROCLOR)	12674-11-2	0.24	66 E	0.68	190 E	24	6600 E	25	6900 E	0.24	66 E	0.68	190 E	10
PCB-1221 (AROCLOR)	11104-28-2	0.033	0.16 E	0.14	0.68 E	3.3	16 E	14	68 E	0.033	0.16 E	0.14	0.68 E	20

REGULATED SUBSTANCE	CASRN	Used Aquifers								Nonuse Aquifers				Soil Buffer Distance (feet)
		TDS ≤ 2500				TDS > 2500								
		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	
PCB-1232 (AROCLOR)	11141-16-5	0.033	0.13 E	0.14	0.54 E	3.3	13 E	14	54 E	0.033	0.13 E	0.14	0.54 E	20
PCB-1242 (AROCLOR)	53469-21-9	0.033	4 E	0.14	17 E	3.3	400 E	10	1200 E	0.033	4 E	0.14	17 E	10
PCB-1248 (AROCLOR)	12672-29-6	0.033	16 E	0.14	67 E	3.3	1600 E	5.4	2600 E	0.033	16 E	0.14	67 E	10
PCB-1254 (AROCLOR)	11097-69-1	0.069	140 E	0.19	380 E	5.7	10000 C	5.7	10000 C	0.069	140 E	0.19	380 E	5
PCB-1260 (AROCLOR)	11096-82-5	0.033	150 E	0.14	630 E	3.3	15000 E	8	36000 E	0.033	150 E	0.14	630 E	5
PEBULATE	1114-71-2	170	290 E	490	830 E	9200	10000 C	9200	10000 C	170	290 E	490	830 E	30
PENTACHLOROBENZENE	608-93-5	2.8	220 E	7.8	620 E	74	5900 E	74	5900 E	74	5900 E	74	5900 E	10
PENTACHLOROETHANE	76-01-7	0.72	3.5 E	3	15 E	72	350 E	300	1500 E	0.72	3.5 E	3	15 E	20
PENTACHLORONITROBENZENE	82-68-8	0.25	5 E	1	20 E	25	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	5000 E	100	5000 E	10
PERFLUOROBUTANE SULFONATE (PFBS)	375-73-5	1	NA	2.9	NA	100	NA	290	NA	1	NA	2.9	NA	NA
PERFLUOROOCTANE SULFONATE (PFOS)	1763-23-1	0.007	NA	0.007	NA	0.7	NA	0.7	NA	0.007	NA	0.007	NA	NA
PERFLUOROOCTANOIC ACID (PFOA)	335-67-1	0.007	NA	0.007	NA	0.7	NA	0.7	NA	0.007	NA	0.007	NA	NA
PHENACETIN	62-44-2	30	12 E	120	46 E	3000	1200 E	12000	4600 E	30000	12000 E	76000	29000 E	NA
PHENANTHRENE	85-01-8	110	10000 E	110	10000 E	110	10000 E	110	10000 E	110	10000 E	110	10000 E	10
PHENOL	108-95-2	200	33 E	200	33 E	20000	3300 E	20000	3300 E	20000	3300 E	20000	3300 E	NA
PHENYL MERCAPTAN	108-98-5	3.5	5.3 E	9.7	15 E	350	530 E	970	1500 E	3.5	5.3 E	9.7	15 E	30
PHENYLENEDIAMINE, M-	108-45-2	21	3 E	58	8.2 E	2100	300 E	5800	820 E	21000	3000 E	58000	8200 E	NA
PHENYLPHENOL, 2-	90-43-7	34	490 E	140	2000 E	3400	49000 E	14000	190000 C	34000	190000 C	70000	190000 C	15
PHORATE	298-02-2	0.69	1.5 E	1.9	4.1 E	69	150 E	190	410 E	0.69	1.5 E	1.9	4.1 E	30
PHTHALIC ANHYDRIDE	85-44-9	4.2	1.3 E	18	5.6 E	420	130 E	1800	560 E	420	130 E	1800	560 E	NA
PICLORAM	1918-02-1	50	7.4 E	50	7.4 E	5000	740 E	5000	740 E	50	7.4 E	50	7.4 E	NA
PROMETON	1610-18-0	40	39 E	40	39 E	4000	3900 E	4000	3900 E	40	39 E	40	39 E	NA
PRONAMIDE	23950-58-5	260	160 E	730	450 E	1500	920 E	1500	920 E	260	160 E	730	450 E	NA
PROPACHLOR	1918-16-7	0.01	0.0046 E	0.01	0.0046 E	1	0.46 E	1	0.46 E	1	0.46 E	1	0.46 E	NA
PROPANIL	709-98-8	17	8.7 E	49	25 E	1700	870 E	4900	2500 E	17	8.7 E	49	25 E	NA
PROPANOL, 2- (ISOPROPYL ALCOHOL)	67-63-0	42	7.3 E	180	31 E	4200	730 E	10000	3100 E	42	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	1000	240 E	1000	240 E	10	2.4 E	10	2.4 E	NA
PROPYLBENZENE, N-	103-65-1	210	400 E	880	1700 E	5200	9900 E	5200	9900 E	210	400 E	880	1700 E	30
PROPYLENE OXIDE	75-56-9	0.27	0.047 E	1.1	0.19 E	27	4.7 E	110	19 E	0.27	0.047 E	1.1	0.19 E	NA
PYRENE	129-00-0	13	2200 E	13	2200 E	13	2200 E	13	2200 E	13	2200 E	13	2200 E	10
PYRETHRUM	8003-34-7	35	4.4 E	35	4.4 E	35	4.4 E	35	4.4 E	35	4.4 E	35	4.4 E	NA
PYRIDINE	110-86-1	3.5	0.39 E	9.7	1.1 E	350	39 E	970	110 E	35	3.9 E	97	11 E	NA
QUINOLINE	91-22-5	0.022	0.074 E	0.091	0.31 E	2.2	7.4 E	9.1	31 E	22	74 E	91	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	6900	800 E	19000	2200 E	190000	80000 E	190000	190000 C	6900	800 E	19000	2200 E	NA
RONNEL	299-84-3	170	270 E	490	760 E	4000	6200 E	4000	6200 E	170	270 E	490	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
STRYCHNINE	57-24-9	1	0.81 E	2.9	2.4 E	100	81 E	290	240 E	1000	810 E	2900	2400 E	NA
STYRENE	100-42-5	10	24 E	10	24 E	1000	2400 E	1000	2400 E	1000	2400 E	1000	2400 E	30
TEBUTHIURON	34014-18-1	50	83 E	50	83 E	5000	8300 E	5000	8300 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
TETRACHLOROBENZENE, 1,2,4,5-	95-94-3	1	4.6 E	2.9	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	0.000003	0.032 E	0.000003	0.032 E	0.0003	3.2 E	0.0003	3.2 E	0.0019	20 E	0.0019	20 E	5

REGULATED SUBSTANCE	CASRN	Used Aquifers								Nonuse Aquifers				Soil Buffer Distance (feet)
		TDS ≤ 2500				TDS > 2500								
		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	
TETRACHLOROETHANE, 1,1,1,2-	630-20-6	7	18 E	7	18 E	700	1800 E	700	1800 E	700	1800 E	700	1800 E	30
TETRACHLOROETHANE, 1,1,2,2-	79-34-5	0.084	0.026 E	0.43	0.13 E	8.4	2.6 E	43	13 E	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	100	1600 E	290	4500 E	10000	160000 E	18000	190000 C	18000	190000 C	18000	190000 C	15
TETRAETHYL LEAD	78-00-2	0.00035	0.0043 E	0.00097	0.012 E	0.035	0.43 E	0.097	1.2 E	0.35	4.3 E	0.97	12 E	15
TETRAETHYLDITHIOPYROPHOSPHATE	3689-24-5	1.7	2.5 E	4.9	7.3 E	170	250 E	490	730 E	1.7	2.5 E	4.9	7.3 E	30
TETRAHYDROFURAN	109-99-9	2.5	0.55 E	13	2.8 E	250	55 E	1300	280 E	2.5	0.55 E	13	2.8 E	NA
THIOFANOX	39196-18-4	1	0.11 E	2.9	0.32 E	100	11 E	290	32 E	1	0.11 E	2.9	0.32 E	NA
THIRAM	137-26-8	52	140 E	150	390 E	3000	7800 E	3000	7800 E	52	140 E	150	390 E	20
TOLUENE	108-88-3	100	44 E	100	44 E	10000	4400 E	10000	4400 E	10000	4400 E	10000	4400 E	NA
TOLUIDINE, M-	108-44-1	4.1	1.9 E	17	7.8 E	410	190 E	1700	780 E	4.1	1.9 E	17	7.8 E	NA
TOLUIDINE, O-	95-53-4	4.1	4.7 E	17	19 E	410	470 E	1700	1900 E	4100	4700 E	10000	10000 C	NA
TOLUIDINE, P-	106-49-0	2.2	2 E	9.1	8.3 E	220	200 E	910	830 E	2.2	2 E	9.1	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	20
TRIALLATE	2303-17-5	0.091	0.47 E	0.38	1.9 E	9.1	47 E	38	190 E	0.091	0.47 E	0.38	1.9 E	15
TRIBROMOMETHANE (BROMOFORM)	75-25-2	8	3.5 E	8	3.5 E	800	350 E	800	350 E	800	350 E	800	350 E	NA
TRICHLORO-1,2,2-TRIFLUOROETHANE, 1,1,2-	76-13-1	1100	3400 E	4400	10000 C	10000	10000 C	10000	10000 C	10000	10000 C	10000	10000 C	20
TRICHLOROACETIC ACID	76-03-9	6	0.97 E	6	0.97 E	600	97 E	600	97 E	6	0.97 E	6	0.97 E	NA
TRICHLOROBENZENE, 1,2,4-	120-82-1	7	27 E	7	27 E	700	2700 E	700	2700 E	700	2700 E	700	2700 E	20
TRICHLOROBENZENE, 1,3,5-	108-70-3	4	31 E	4	31 E	400	3100 E	400	3100 E	4	31 E	4	31 E	15
TRICHLOROETHANE, 1,1,1-	71-55-6	20	7.2 E	20	7.2 E	2000	720 E	2000	720 E	200	72 E	200	72 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	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	NA
TRICHLOROPHENOL, 2,4,5-	95-95-4	350	2100 E	970	5900 E	35000	190000 C	97000	190000 C	100000	190000 C	100000	190000 C	15
TRICHLOROPHENOL, 2,4,6-	88-06-2	3.5	10 E	9.7	28 E	350	1000 E	970	2800 E	3500	10000 E	9700	28000 E	20
TRICHLOROPHENOXYACETIC 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	7000	1500 E	7000	1500 E	NA
TRICHLOROPHENOXYPROPIONIC ACID, 2,4,5- (2,4,5-TP)(SILVEX)	93-72-1	5	22 E	5	22 E	500	2200 E	500	2200 E	5	22 E	5	22 E	20
TRICHLOROPROPANE, 1,1,2-	598-77-6	17	2.9 E	49	8.4 E	1700	290 E	4900	840 E	17	2.9 E	49	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	6900	870 E	10000	2400 E	10000	10000 C	10000	10000 C	6900	870 E	10000	2400 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	13	73 E	53	300 E	1300	7300 E	5300	10000 C	1300	7300 E	5300	10000 C	15
TRIMETHYLBENZENE, 1,3,5-	108-67-8	13	23 E	53	93 E	1300	2300 E	4900	8600 E	13	23 E	53	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	4200	500 E	10000	2100 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	2.4 E	2.9	6.9 E	100	240 E	290	690 E	1000	2400 E	1700	4100 E	30
XYLENES (TOTAL)	1330-20-7	1000	990 E	1000	990 E	10000	10000 C	10000	10000 C	10000	10000 C	10000	10000 C	NA
ZINEB	12122-67-7	170	27 E	490	78 E	1000	160 E	1000	160 E	170	27 E	490	78 E	NA

1 For other options see Section 250.308

All concentrations in mg/kg

E - Number calculated by the soil to groundwater equation in Section 250.308

C - Cap

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