APPENDIX A

TABLE 1 - MEDIUM-SPECIFIC CONCENTRATIONS (MSCs) FOR ORGANIC REGULATED SUBSTANCES IN GROUNDWATER

Regulated Substance	CASRN	Used Aquifers								Nonuse Aquifers			
		TDS ≤ 2500				TDS > 2500							
		R		NR		R		NR		R		NR	
ACENAPHTHENE	83-32-9	2500	G	3800	S	3800	S	3800	S	3800	S	3800	S
ACENAPHTHYLENE	208-96-8	2500	G	7000	G	16000	S	16000	S	16000	S	16000	S
ACEPHATE	30560-19-1	84	G	390	G	8400	G	39000	G	84	G	390	G
ACETALDEHYDE	75-07-0	19	N	79	N	1900	N	7900	N	19	N	79	N
ACETONE	67-64-1	38000	G	110000	G	3800000	G	11000000	G	380000	G	1100000	G
ACETONITRILE	75-05-8	130	N	530	N	13000	N	53000	N	1300	N	5300	N
ACETOPHENONE	98-86-2	4200	G	12000	G	420000	G	1200000	G	4200	G	12000	G
ACETYLAMINOFLUORENE, 2- (2AAF)	53-96-3	0.19	G	0.89	G	19	G	89	G	190	G	890	G
ACROLEIN	107-02-8	0.042	N	0.18	N	4.2	N	18	N	0.42	N	1.8	N
ACRYLAMIDE	79-06-1	0.19	N	2.5	N	19	N	250	N	0.19	N	2.5	N
ACRYLIC ACID	79-10-7	2.1	N	8.8	N	210	N	880	N	210	N	880	N
ACRYLONITRILE	107-13-1	0.72	N	3.7	N	72	N	370	N	72	N	370	N
ALACHLOR	15972-60-8	2	M	2	M	200	M	200	M	2	M	2	M
ALDICARB	116-06-3	3	M	3	M	300	M	300	M	3000	M	3000	M
ALDICARB SULFONE	1646-88-4	2	M	2	M	200	M	200	M	2	M	2	M
ALDICARB SULFOXIDE	1646-87-3	4	M	4	M	400	M	400	M	4	M	4	M
ALDRIN	309-00-2	0.043	G	0.2	G	4.3	G	20	G	20	S	20	S
ALLYL ALCOHOL	107-18-6	0.21	N	0.88	N	21	N	88	N	21	N	88	N
AMETRYN	834-12-8	60	H	60	H	6000	H	6000	H	60	H	60	H
AMINOBIPHENYL, 4-	92-67-1	0.035	G	0.16	G	3.5	G	16	G	35	G	160	G
AMITROLE	61-82-5	0.78	G	3.6	G	78	G	360	G	780	G	3600	G
AMMONIA	7664-41-7	30000	H	30000	H	3000000	H	3000000	H	30000	H	30000	H
AMMONIUM SULFAMATE	7773-06-0	2000	H	2000	H	200000	H	200000	H	2000	H	2000	H
ANILINE	62-53-3	2.1	N	8.8	N	210	N	880	N	2.1	N	8.8	N
ANTHRACENE	120-12-7	66	S	66	S	66	S	66	S	66	S	66	S
ATRAZINE	1912-24-9	3	M	3	M	300	M	300	M	3	M	3	M
AZINPHOS-METHYL (GUTHION)	86-50-0	130	G	350	G	13000	G	32000	S	130	G	350	G
BAYGON (PROPOXUR)	114-26-1	3	H	3	H	300	H	300	H	3000	H	3000	H
BENOMYL	17804-35-2	2000	S	2000	S	2000	S	2000	S	2000	S	2000	S
BENTAZON	25057-89-0	200	H	200	H	20000	H	20000	H	200	H	200	H
BENZENE	71-43-2	5	M	5	M	500	M	500	M	500	M	500	M
BENZIDINE	92-87-5	0.00098	G	0.015	G	0.098	G	1.5	G	0.98	G	15	G
BENZO[A]ANTHRACENE	56-55-3	0.32	G	4.9	G	11	S	11	S	11	S	11	S
BENZO[A]PYRENE	50-32-8	0.2	M	0.2	M	3.8	S	3.8	S	3.8	S	3.8	S

Regulated Substance	CASRN	Used Aquifers								Nonuse Aquifers			
		TDS ≤ 2500				TDS > 2500							
		R		NR		R		NR		R		NR	
BENZO[B]FLUORANTHENE	205-99-2	0.19	G	1.2	S	1.2	S	1.2	S	1.2	S	1.2	S
BENZO[GHI]PERYLENE	191-24-2	0.26	S	0.26	S	0.26	S	0.26	S	0.26	S	0.26	S
BENZO[K]FLUORANTHENE	207-08-9	0.19	G	0.55	S	0.55	S	0.55	S	0.55	S	0.55	S
BENZOIC ACID	65-85-0	170000	G	470000	G	2700000	S	2700000	S	170000	G	470000	G
BENZOTRICHLORIDE	98-07-7	0.056	G	0.26	G	5.6	G	26	G	56	G	260	G
BENZYL ALCOHOL	100-51-6	4200	G	12000	G	420000	G	1200000	G	4200	G	12000	G
BENZYL CHLORIDE	100-44-7	1	N	5.1	N	100	N	510	N	100	N	510	N
BETA PROPIOLACTONE	57-57-8	0.012	N	0.063	N	1.2	N	6.3	N	0.12	N	0.63	N
BHC, ALPHA-	319-84-6	0.12	G	0.54	G	12	G	54	G	120	G	540	G
BHC, BETA-	319-85-7	0.41	G	1.9	G	41	G	100	S	100	S	100	S
BHC, GAMMA (LINDANE)	58-89-9	0.2	M	0.2	M	20	M	20	M	200	M	200	M
BIPHENYL, 1,1-	92-52-4	91	G	430	G	7200	S	7200	S	7200	S	7200	S
BIS(2-CHLOROETHOXY)METHANE	111-91-1	130	G	350	G	13000	G	35000	G	130	G	350	G
BIS(2-CHLOROETHYL)ETHER	111-44-4	0.15	N	0.76	N	15	N	76	N	15	N	76	N
BIS(2-CHLORO-ISOPROPYL)ETHER	108-60-1	300	H	300	H	30000	H	30000	H	30000	H	30000	H
BIS(CHLOROMETHYL)ETHER	542-88-1	0.00079	N	0.004	N	0.079	N	0.4	N	0.079	N	0.4	N
BIS[2-ETHYLHEXYL] PHTHALATE	117-81-7	6	M	6	M	290	S	290	S	290	S	290	S
BISPHENOL A	80-05-7	2100	G	5800	G	120000	S	120000	S	120000	S	120000	S
BROMACIL	314-40-9	70	H	70	H	7000	H	7000	H	70	H	70	H
BROMOCHLOROMETHANE	74-97-5	90	H	90	H	9000	H	9000	H	90	H	90	H
BROMODICHLOROMETHANE	75-27-4	80	M	80	M	8000	M	8000	M	80	M	80	M
BROMOMETHANE	74-83-9	10	H	10	H	1000	H	1000	H	1000	H	1000	H
BROMOXYNIL	1689-84-5	830	G	2300	G	83000	G	130000	S	830	G	2300	G
BROMOXYNIL OCTANOATE	1689-99-2	80	S	80	S	80	S	80	S	80	S	80	S
BUTADIENE, 1,3-	106-99-0	0.21	G	1	G	21	G	100	G	21	G	100	G
BUTYL ALCOHOL, N-	71-36-3	4200	G	12000	G	420000	G	1200000	G	42000	G	120000	G
BUTYLATE	2008-41-5	400	H	400	H	40000	H	40000	H	400	H	400	H
BUTYLBENZENE, N-	104-51-8	2100	G	5800	G	15000	S	15000	S	2100	G	5800	G
BUTYLBENZENE, SEC-	135-98-8	4200	G	12000	G	17000	S	17000	S	4200	G	12000	G
BUTYLBENZENE, TERT-	98-06-6	4200	G	12000	G	30000	S	30000	S	4200	G	12000	G
BUTYLBENZYL PHTHALATE	85-68-7	380	G	1800	G	2700	S	2700	S	2700	S	2700	S
CAPTAN	133-06-2	320	G	500	S	500	S	500	S	500	S	500	S
CARBARYL	63-25-2	4200	G	12000	G	120000	S	120000	S	120000	S	120000	S
CARBAZOLE	86-74-8	37	G	170	G	1200	S	1200	S	37	G	170	G
CARBOFURAN	1563-66-2	40	M	40	M	4000	M	4000	M	40	M	40	M
CARBON DISULFIDE	75-15-0	1500	N	6200	N	150000	N	620000	N	1500	N	6200	N
CARBON TETRACHLORIDE	56-23-5	5	M	5	M	500	M	500	M	50	M	50	M

Regulated Substance	CASRN	Used Aquifers								Nonuse Aquifers			
		TDS ≤ 2500				TDS > 2500							
		R		NR		R		NR		R		NR	
CARBOXIN	5234-68-4	700	H	700	H	70000	H	70000	H	700	H	700	H
CHLORAMBEN	133-90-4	100	H	100	H	10000	H	10000	H	100	H	100	H
CHLORDANE	57-74-9	2	M	2	M	56	S	56	S	56	S	56	S
CHLORO-1,1-DIFLUOROETHANE, 1-	75-68-3	110000	N	440000	N	1400000	S	1400000	S	110000	N	440000	N
CHLORO-1-PROPENE, 3- (ALLYL CHLORIDE)	107-05-1	2.1	N	8.8	N	210	N	880	N	210	N	880	N
CHLOROACETALDEHYDE	107-20-0	2.4	G	11	G	240	G	1100	G	2.4	G	11	G
CHLOROACETOPHENONE, 2-	532-27-4	1.3	G	3.5	G	130	G	350	G	1300	G	3500	G
CHLOROANILINE, P-	106-47-8	3.7	G	17	G	370	G	1700	G	3.7	G	17	G
CHLOROBENZENE	108-90-7	100	M	100	M	10000	M	10000	M	10000	M	10000	M
CHLOROBENZILATE	510-15-6	6.6	G	31	G	660	G	3100	G	6600	G	13000	S
CHLOROBUTANE, 1-	109-69-3	1700	G	4700	G	170000	G	470000	G	1700	G	4700	G
CHLORODIBROMOMETHANE (THM)	124-48-1	80	M	80	M	8000	M	8000	M	8000	M	8000	M
CHLORODIFLUOROMETHANE	75-45-6	110000	N	440000	N	2900000	S	2900000	S	110000	N	440000	N
CHLOROETHANE	75-00-3	250	G	1200	G	25000	G	120000	G	25000	G	120000	G
CHLOROFORM (THM)	67-66-3	80	M	80	M	8000	M	8000	M	800	M	800	M
CHLORONAPHTHALENE, 2-	91-58-7	3300	G	9300	G	12000	S	12000	S	3300	G	9300	G
CHLORONITROBENZENE, P-	100-00-5	42	G	120	G	4200	G	12000	G	42	G	120	G
CHLOROPHENOL, 2-	95-57-8	40	H	40	H	4000	H	4000	H	40	H	40	H
CHLOROPRENE	126-99-8	0.16	N	0.83	N	16	N	83	N	16	N	83	N
CHLOROPROPANE, 2-	75-29-6	210	N	880	N	21000	N	88000	N	210	N	880	N
CHLOROTHALONIL	1897-45-6	240	G	600	S	600	S	600	S	240	G	600	S
CHLOROTOLUENE, O-	95-49-8	100	H	100	H	10000	H	10000	H	100	H	100	H
CHLOROTOLUENE, P-	106-43-4	100	H	100	H	10000	H	10000	H	100	H	100	H
CHLORPYRIFOS	2921-88-2	2	H	2	H	200	H	200	H	2	H	2	H
CHLORSULFURON	64902-72-3	2100	G	5800	G	190000	S	190000	S	2100	G	5800	G
CHLORTHAL-DIMETHYL (DACTHAL) (DCPA)	1861-32-1	70	H	70	H	500	S	500	S	500	S	500	S
CHRYSENE	218-01-9	1.9	G	1.9	S	1.9	S	1.9	S	1.9	S	1.9	S
CRESOLS	1319-77-3	1300	N	5300	N	130000	N	530000	N	130000	N	530000	N
CRESOL, DINITRO-O-,4,6-	534-52-1	3.3	G	9.3	G	330	G	930	G	3300	G	9300	G
CRESOL, O- (METHYLPHENOL, 2-)	95-48-7	2100	G	5800	G	210000	G	580000	G	210000	G	580000	G
CRESOL, M (METHYLPHENOL, 3-)	108-39-4	2100	G	5800	G	210000	G	580000	G	2100000	G	2500000	S
CRESOL, P (METHYLPHENOL, 4-)	106-44-5	210	G	580	G	21000	G	58000	G	210000	G	580000	G
CRESOL, P-CHLORO-M-	59-50-7	4200	G	12000	G	420000	G	1200000	G	4200	G	12000	G
CROTONALDEHYDE	4170-30-3	0.38	G	1.8	G	38	G	180	G	38	G	180	G
CROTONALDEHYDE, TRANS-	123-73-9	0.38	G	1.8	G	38	G	180	G	38	G	180	G
CUMENE (ISOPROPYL BENZENE)	98-82-8	840	N	3500	N	50000	S	50000	S	50000	S	50000	S
CYANAZINE	21725-46-2	1	H	1	H	100	H	100	H	1	H	1	H

Regulated Substance	CASRN	Used Aquifers								Nonuse Aquifers			
		TDS ≤ 2500				TDS > 2500							
		R		NR		R		NR		R		NR	
CYCLOHEXANE	110-82-7	13000	N	53000	N	55000	S	55000	S	13000	N	53000	N
CYCLOHEXANONE	108-94-1	1500	N	6200	N	150000	N	620000	N	1500	N	6200	N
CYFLUTHRIN	68359-37-5	1	S	1	S	1	S	1	S	1	S	1	S
CYROMAZINE	66215-27-8	310	G	880	G	31000	G	88000	G	310	G	880	G
DDD, 4,4'-	72-54-8	3	G	14	G	160	S	160	S	160	S	160	S
DDE, 4,4'-	72-55-9	2.1	G	10	G	40	S	40	S	40	S	40	S
DDT, 4,4'-	50-29-3	2.1	G	5.5	S	5.5	S	5.5	S	5.5	S	5.5	S
DI(2-ETHYLHEXYL)ADIPATE	103-23-1	400	M	400	M	40000	M	40000	M	200000	S	200000	S
DIALLATE	2303-16-4	12	G	56	G	1200	G	5600	G	12000	G	40000	S
DIAMINOTOLUENE, 2,4-	95-80-7	0.18	G	0.85	G	18	G	85	G	180	G	850	G
DIAZINON	333-41-5	1	H	1	H	100	H	100	H	1	H	1	H
DIBENZO[A,H]ANTHRACENE	53-70-3	0.055	G	0.6	S	0.6	S	0.6	S	0.6	S	0.6	S
DIBENZOFURAN	132-64-9	42	G	120	G	4200	G	4500	S	4500	S	4500	S
DIBROMO-3-CHLOROPROPANE, 1,2-	96-12-8	0.2	M	0.2	M	20	M	20	M	20	M	20	M
DIBROMOBENZENE, 1,4-	106-37-6	420	G	1200	G	20000	S	20000	S	420	G	1200	G
DIBROMOETHANE, 1,2- (ETHYLENE DIBROMIDE)	106-93-4	0.05	M	0.05	M	5	M	5	M	5	M	5	M
DIBROMOMETHANE	74-95-3	8.4	N	35	N	840	N	3500	N	840	N	3500	N
DIBUTYL PHTHALATE, N-	84-74-2	4200	G	12000	G	400000	S	400000	S	400000	S	400000	S
DICAMBA	1918-00-9	4000	H	4000	H	400000	H	400000	H	4000	H	4000	H
DICHLOROACETIC ACID (HAA)	79-43-6	60	M	60	M	6000	M	6000	M	60	M	60	M
DICHLORO-2-BUTENE, 1,4-	764-41-0	0.012	N	0.06	N	1.2	N	6	N	0.012	N	0.06	N
DICHLORO-2-BUTENE, TRANS-1,4-	110-57-6	0.012	N	0.06	N	1.2	N	6	N	0.012	N	0.06	N
DICHLOROBENZENE, 1,2-	95-50-1	600	M	600	M	60000	M	60000	M	60000	M	60000	M
DICHLOROBENZENE, 1,3-	541-73-1	600	H	600	H	60000	H	60000	H	60000	H	60000	H
DICHLOROBENZENE, P-	106-46-7	75	M	75	M	7500	M	7500	M	7500	M	7500	M
DICHLOROBENZIDINE, 3,3'-	91-94-1	1.6	G	7.6	G	160	G	760	G	1600	G	3100	S
DICHLORODIFLUOROMETHANE (FREON 12)	75-71-8	1000	H	1000	H	100000	H	100000	H	100000	H	100000	H
DICHLOROETHANE, 1,1-	75-34-3	31	N	160	N	3100	N	16000	N	310	N	1600	N
DICHLOROETHANE, 1,2-	107-06-2	5	M	5	M	500	M	500	M	50	M	50	M
DICHLOROETHYLENE, 1,1-	75-35-4	7	M	7	M	700	M	700	M	70	M	70	M
DICHLOROETHYLENE, CIS-1,2-	156-59-2	70	M	70	M	7000	M	7000	M	700	M	700	M
DICHLOROETHYLENE, TRANS-1,2-	156-60-5	100	M	100	M	10000	M	10000	M	1000	M	1000	M
DICHLOROMETHANE (METHYLENE CHLORIDE)	75-09-2	5	M	5	M	500	M	500	M	500	M	500	M
DICHLOROPHENOL, 2,4-	120-83-2	20	H	20	H	2000	H	2000	H	20000	H	20000	H
DICHLOROPHENOXYACETIC ACID, 2,4- (2,4-D)	94-75-7	70	M	70	M	7000	M	7000	M	70000	M	70000	M
DICHLOROPROPANE, 1,2-	78-87-5	5	M	5	M	500	M	500	M	50	M	50	M
DICHLOROPROPENE, 1,3-	542-75-6	7.3	G	34	G	730	G	3400	G	730	G	3400	G

Regulated Substance	CASRN	Used Aquifers								Nonuse Aquifers			
		TDS ≤ 2500				TDS > 2500							
		R		NR		R		NR		R		NR	
DICHLOROPROPIONIC ACID, 2,2- (DALAPON)	75-99-0	200	M	200	M	20000	M	20000	M	20000	M	20000	M
DICHLORVOS	62-73-7	2.5	G	12	G	250	G	1200	G	2.5	G	12	G
DICYCLOPENTADIENE	77-73-6	0.63	N	2.6	N	63	N	260	N	0.63	N	2.6	N
DIELDRIN	60-57-1	0.046	G	0.21	G	4.6	G	21	G	46	G	170	S
DIETHYL PHTHALATE	84-66-2	33000	G	93000	G	1100000	S	1100000	S	1100000	S	1100000	S
DIFLUBENZURON	35367-38-5	200	S	200	S	200	S	200	S	200	S	200	S
DIISOPROPYL METHYLPHOSPHONATE	1445-75-6	600	H	600	H	60000	H	60000	H	600	H	600	H
DIMETHOATE	60-51-5	8.3	G	23	G	830	G	2300	G	8300	G	23000	G
DIMETHOXYBENZIDINE, 3,3-	119-90-4	0.46	G	2	G	46	G	210	G	460	G	2100	G
DIMETHRIN	70-38-2	36	S	36	S	36	S	36	S	36	S	36	S
DIMETHYLAMINOAZOBENZENE, P-	60-11-7	0.16	G	0.74	G	16	G	74	G	160	G	740	G
DIMETHYLANILINE, N,N-	121-69-7	83	G	230	G	8300	G	23000	G	8300	G	23000	G
DIMETHYLBENZIDINE, 3,3-	119-93-7	0.066	G	0.31	G	6.6	G	31	G	66	G	310	G
DIMETHYL METHYLPHOSPHONATE	756-79-6	100	H	100	H	10000	H	10000	H	100	H	100	H
DIMETHYLPHENOL, 2,4-	105-67-9	830	G	2300	G	83000	G	230000	G	830000	G	2300000	G
DINITROBENZENE, 1,3-	99-65-0	1	H	1	H	100	H	100	H	1000	H	1000	H
DINITROPHENOL, 2,4-	51-28-5	83	G	230	G	8300	G	23000	G	83000	G	230000	G
DINITROTOLUENE, 2,4-	121-14-2	2.4	G	11	G	240	G	1100	G	2400	G	11000	G
DINITROTOLUENE, 2,6- (2,6-DNT)	606-20-2	0.49	G	2	G	49	G	230	G	490	G	2300	G
DINOSEB	88-85-7	7	M	7	M	700	M	700	M	7000	M	7000	M
DIOXANE, 1,4-	123-91-1	6.4	N	32	N	640	N	3200	N	64	N	320	N
DIPHENAMID	957-51-7	200	H	200	H	20000	H	20000	H	200	H	200	H
DIPHENYLAMINE	122-39-4	1000	G	2900	G	100000	G	290000	G	300000	S	300000	S
DIPHENYLHYDRAZINE, 1,2-	122-66-7	0.91	G	4.3	G	91	G	250	S	250	S	250	S
DIQUAT	85-00-7	20	M	20	M	2000	M	2000	M	20	M	20	M
DISULFOTON	298-04-4	0.7	H	0.7	H	70	H	70	H	700	H	700	H
DITHIANE, 1,4-	505-29-3	80	H	80	H	8000	H	8000	H	80	H	80	H
DIURON	330-54-1	83	G	230	G	8300	G	23000	G	83	G	230	G
ENDOSULFAN	115-29-7	250	G	480	S	480	S	480	S	480	S	480	S
ENDOSULFAN I (APLHA)	959-98-8	250	G	500	S	500	S	500	S	250	G	500	S
ENDOSULFAN II (BETA)	33213-65-9	250	G	450	S	450	S	450	S	250	G	450	S
ENDOSULFAN SULFATE	1031-07-8	120	S	120	S	120	S	120	S	120	S	120	S
ENDOTHALL	145-73-3	100	M	100	M	10000	M	10000	M	100	M	100	M
ENDRIN	72-20-8	2	M	2	M	200	M	200	M	2	M	2	M
EPICHLOROHYDRIN	106-89-8	2.1	N	8.8	N	210	N	880	N	210	N	880	N
ETHEPHON	16672-87-0	210	G	580	G	21000	G	58000	G	210	G	580	G
ETHION	563-12-2	21	G	58	G	850	S	850	S	21	G	58	G

Regulated Substance	CASRN	Used Aquifers								Nonuse Aquifers			
		TDS ≤ 2500				TDS > 2500							
		R		NR		R		NR		R		NR	
ETHOXYETHANOL, 2- (EGEE)	110-80-5	420	N	1800	N	42000	N	180000	N	42000	N	180000	N
ETHYL ACETATE	141-78-6	150	G	620	G	15000	G	62000	G	15000	G	62000	G
ETHYL ACRYLATE	140-88-5	15	G	70	N	1500	G	7000	N	1500	G	7000	N
ETHYL BENZENE	100-41-4	700	M	700	M	70000	M	70000	M	70000	M	70000	M
ETHYL DIPROPYLTHIOCARBAMATE, S- (EPTC)	759-94-4	1000	G	2900	G	100000	G	290000	G	1000	G	2900	G
ETHYL ETHER	60-29-7	8300	G	23000	G	830000	G	2300000	G	8300	G	23000	G
ETHYL METHACRYLATE	97-63-2	630	N	2600	N	63000	N	260000	N	630	N	2600	N
ETHYLENE CHLORHYDRIN	107-07-3	830	G	2300	G	83000	G	230000	G	830	G	2300	G
ETHYLENE GLYCOL	107-21-1	14000	H	14000	H	1400000	H	1400000	H	1400000	H	1400000	H
ETHYLENE THIOUREA (ETU)	96-45-7	3.3	G	9.3	G	330	G	930	G	3300	G	9300	G
ETHYLP-NITROPHENYL PHENYLPHOSPHOROTHIOATE	2104-64-5	0.42	G	1	G	42	G	120	G	0.42	G	1.2	G
FENAMIPHOS	22224-92-6	0.7	H	0.7	H	70	H	70	H	0.7	H	0.7	H
FENVALERATE (PYDRIN)	51630-58-1	85	S	85	S	85	S	85	S	85	S	85	S
FLUOMETURON	2164-17-2	90	H	90	H	9000	H	9000	H	90	H	90	H
FLUORANTHENE	206-44-0	260	S	260	S	260	S	260	S	260	S	260	S
FLUORENE	86-73-7	1700	G	1900	S	1900	S	1900	S	1900	S	1900	S
FLUOROTRICHLOROMETHANE (FREON 11)	75-69-4	2000	H	2000	H	200000	H	200000	H	200000	H	200000	H
FONOFOS	944-22-9	10	H	10	H	1000	H	1000	H	10	H	10	H
FORMALDEHYDE	50-00-0	1000	H	1000	H	100000	H	100000	H	100000	H	100000	H
FORMIC ACID	64-18-6	0.63	N	2.6	N	63	N	260	N	6.3	N	26	N
FOSETYL-AL	39148-24-8	130000	G	350000	G	13000000	G	35000000	G	130000	G	350000	G
FURAN	110-00-9	42	G	120	G	4200	G	12000	G	4200	G	12000	G
FURFURAL	98-01-1	110	N	350	G	11000	N	35000	G	110	N	350	G
GLYPHOSATE	1071-83-6	700	M	700	M	70000	M	70000	M	700	M	700	M
HEPTACHLOR	76-44-8	0.4	M	0.4	M	40	M	40	M	180	S	180	S
HEPTACHLOR EPOXIDE	1024-57-3	0.2	M	0.2	M	20	M	20	M	200	M	200	M
HEXACHLOROBENZENE	118-74-1	1	M	1	M	6	S	6	S	6	S	6	S
HEXACHLOROBUTADIENE	87-68-3	9.4	G	44	G	940	G	2900	S	2900	S	2900	S
HEXACHLOROCYCLOPENTADIENE	77-47-4	50	M	50	M	1800	S	1800	S	1800	S	1800	S
HEXACHLOROETHANE	67-72-1	1	H	1	H	100	H	100	H	100	H	100	H
HEXANE	110-54-3	1500	N	6200	N	9500	S	9500	S	1500	N	6200	N
HEXAZINONE	51235-04-2	400	H	400	H	40000	H	40000	H	400	H	400	H
HEXYTHIAZOX (SAVEY)	78587-05-0	500	S	500	S	500	S	500	S	500	S	500	S
HMX	2691-41-0	400	H	400	H	5000	S	5000	S	400	H	400	H
HYDRAZINE/HYDRAZINE SULFATE	302-01-2	0.01	N	0.051	N	1	N	5.1	N	0.1	N	0.51	N
HYDROQUINONE	123-31-9	12	G	57	G	1200	G	5700	G	12000	G	57000	G
INDENO[1,2,3-CD]PYRENE	193-39-5	0.19	G	2.8	G	19	G	62	S	62	S	62	S

Regulated Substance	CASRN	Used Aquifers								Nonuse Aquifers			
		TDS ≤ 2500				TDS > 2500							
		R		NR		R		NR		R		NR	
IPRODIONE	36734-19-7	1700	G	4700	G	13000	S	13000	S	1700	G	4700	G
ISOBUTYL ALCOHOL	78-83-1	13000	G	35000	G	1300000	G	3500000	G	1300000	G	3500000	G
ISOPHORONE	78-59-1	100	H	100	H	10000	H	10000	H	100000	H	100000	H
ISOPROPYL METHYLPHOSPHONATE	1832-54-8	700	H	700	H	70000	H	70000	H	700	H	700	H
KEPONE	143-50-0	0.073	G	0.34	G	7.3	G	34	G	73	G	340	G
MALATHION	121-75-5	500	H	500	H	50000	H	50000	H	140000	S	140000	S
MALEIC HYDRAZIDE	123-33-1	4000	H	4000	H	400000	H	400000	H	4000	H	4000	H
MANEB	12427-38-2	210	G	580	G	21000	G	23000	S	210	G	580	G
MERPHOS OXIDE	78-48-8	1.3	G	3.5	G	130	G	350	G	1.3	G	3.5	G
METHACRYLONITRILE	126-98-7	4.2	G	12	G	420	G	1200	G	4.2	G	12	G
METHAMIDOPHOS	10265-92-6	2.1	G	5.8	G	210	G	580	G	2.1	G	5.8	G
METHANOL	67-56-1	8400	N	35000	N	840000	N	3500000	N	840000	N	3500000	N
METHOMYL	16752-77-5	200	H	200	H	20000	H	20000	H	200	H	200	H
METHOXYCHLOR	72-43-5	40	M	40	M	45	S	45	S	45	S	45	S
METHOXYETHANOL, 2-	109-86-4	42	N	180	N	4200	N	18000	N	42	N	1800	N
METHYL ACETATE	79-20-9	42000	G	120000	G	4200000	G	12000000	G	42000	G	120000	G
METHYL ACRYLATE	96-33-3	42	N	180	N	4200	N	18000	N	4200	N	18000	N
METHYL CHLORIDE	74-87-3	30	H	30	H	3000	H	3000	H	3000	H	3000	H
METHYL ETHYL KETONE	78-93-3	4000	H	4000	H	400000	H	400000	H	400000	H	400000	H
METHYL HYDRAZINE	60-34-4	0.042	N	0.18	N	4.2	N	18	N	0.42	N	1.8	N
METHYL ISOBUTYL KETONE	108-10-1	3300	G	9300	G	330000	G	930000	G	330000	G	930000	G
METHYL ISOCYANATE	624-83-9	2.1	N	8.8	N	210	N	880	N	2.1	N	8.8	N
METHYL N-BUTYL KETONE	591-78-6	63	N	260	N	6300	N	26000	N	63	N	260	N
METHYL METHACRYLATE	80-62-6	1500	N	6200	N	150000	N	620000	N	150000	N	620000	N
METHYL METHANESULFONATE	66-27-3	7.4	G	34	G	740	G	3400	G	7.4	G	34	G
METHYL PARATHION	298-00-0	1	H	1	H	100	H	100	H	1000	H	1000	H
METHYL STYRENE (MIXED ISOMERS)	25013-15-4	84	N	350	N	8400	N	35000	N	84	N	350	N
METHYL TERT-BUTYL ETHER (MTBE)	1634-04-4	20		20		2,000		2,000		200		200	
METHYLCHLOROPHENOXYACETIC ACID (MCPA)	94-74-6	30	H	30	H	3000	H	3000	H	30000	H	30000	H
METHYLENE BIS(2-CHLOROANILINE), 4,4'-	101-14-4	2.3	G	34	G	230	G	3400	G	2.3	G	34	G
METHYLNAPHTHALENE, 2-	91-57-6	170	G	470	G	17000	G	25000	S	170	G	470	G
METHYLSTYRENE, ALPHA	98-83-9	2900	G	8200	G	290000	G	560000	S	2900	G	8200	G
METOLACHLOR	51218-45-2	700	H	700	H	70000	H	70000	H	700	H	700	H
METRIBUZIN	21087-64-9	70	H	70	H	7000	H	7000	H	70	H	70	H
MONOCHLOROACETIC ACID	79-11-8	60	H	60	H	6000	H	6000	H	60	H	60	H
NAPHTHALENE	91-20-3	100	H	100	H	10000	H	10000	H	30000	S	30000	S
NAPHTHYLAMINE, 1-	134-32-7	0.41	G	1.9	G	41	G	190	G	410	G	1900	G

Regulated Substance	CASRN	Used Aquifers								Nonuse Aquifers			
		TDS ≤ 2500				TDS > 2500							
		R		NR		R		NR		R		NR	
NAPHTHYLAMINE, 2-	91-59-8	0.41	G	1.9	G	41	G	190	G	410	G	1900	G
NAPROPAMIDE	15299-99-7	4200	G	12000	G	70000	S	70000	S	4200	G	12000	G
NITROANILINE, O-	88-74-4	420	G	1200	G	42000	G	120000	G	420	G	1200	G
NITROANILINE, P-	100-01-6	37	G	170	G	3700	G	17000	G	37	G	170	G
NITROBENZENE	98-95-3	83	G	230	G	8300	G	23000	G	83000	G	230000	G
NITROGUANIDINE	556-88-7	700	H	700	H	70000	H	70000	H	700	H	700	H
NITROPHENOL, 2-	88-75-5	330	G	930	G	33000	G	93000	G	330000	G	930000	G
NITROPHENOL, 4-	100-02-7	60	H	60	H	6000	H	6000	H	60000	H	60000	H
NITROPROPANE, 2-	79-46-9	0.018	N	0.093	N	1.8	N	9.3	N	0.18	N	0.93	N
NITROSODIETHYLAMINE, N-	55-18-5	0.00045	N	0.0058	N	0.045	N	0.58	N	0.0045	N	0.058	N
NITROSODIMETHYLAMINE, N-	62-75-9	0.0014	N	0.018	N	0.14	N	1.8	N	0.014	N	0.18	N
NITROSO-DI-N-BUTYLAMINE, N-	924-16-3	0.14	G	0.63	G	14	G	63	G	140	G	630	G
NITROSODI-N-PROPYLAMINE, N-	621-64-7	0.1	G	0.49	G	10	G	49	G	100	G	490	G
NITROSODIPHENYLAMINE, N-	86-30-6	150	G	690	G	15000	G	35000	S	35000	S	35000	S
NITROSO-N-ETHYLUREA, N-	759-73-9	0.0084	G	0.13	G	0.84	G	13	G	8.4	G	130	G
OCTYL PHTHALATE, DI-N-	117-84-0	420	G	1200	G	3000	S	3000	S	3000	S	3000	S
OXAMYL (VYDATE)	23135-22-0	200	M	200	M	20000	M	20000	M	200	M	200	M
PARAQUAT	1910-42-5	30	H	30	H	3000	H	3000	H	30	H	30	H
PARATHION	56-38-2	250	G	700	G	20000	S	20000	S	250	G	700	G
PCB-1016 (AROCLOR)	12674-11-2	0.37	G	1.7	G	37	G	170	G	0.37	G	1.7	G
PCB-1221 (AROCLOR)	11104-28-2	0.37	G	1.7	G	37	G	170	G	0.37	G	1.7	G
PCB-1232 (AROCLOR)	11141-16-5	0.37	G	1.7	G	37	G	170	G	0.37	G	1.7	G
PCB-1242 (AROCLOR)	53469-21-9	0.37	G	1.7	G	37	G	100	S	0.37	G	1.7	G
PCB-1248 (AROCLOR)	12672-29-6	0.37	G	1.7	G	37	G	54	S	0.37	G	1.7	G
PCB-1254 (AROCLOR)	11097-69-1	0.37	G	1.7	G	37	G	57	S	0.37	G	1.7	G
PCB-1260 (AROCLOR)	11096-82-5	0.37	G	1.7	G	37	G	80	S	0.37	G	1.7	G
PEBULATE	1114-71-2	2100	G	5800	G	92000	S	92000	S	2100	G	5800	G
PENTACHLOROBENZENE	608-93-5	33	G	93	G	740	S	740	S	740	S	740	S
PENTACHLOROETHANE	76-01-7	8.1	G	38	G	810	G	3800	G	8.1	G	38	G
PENTACHLORONITROBENZENE	82-68-8	2.8	G	13	G	280	G	440	S	440	S	440	S
PENTACHLOROPHENOL	87-86-5	1	M	1	M	100	M	100	M	1000	M	1000	M
PHENACETIN	62-44-2	330	G	1500	G	33000	G	150000	G	330000	G	760000	S
PHENANTHRENE	85-01-8	1100	S	1100	S	1100	S	1100	S	1100	S	1100	S
PHENOL	108-95-2	2000	H	2000	H	200000	H	200000	H	200000	H	200000	H
PHENYL MERCAPTAN	108-98-5	42	G	120	G	4200	G	12000	G	42	G	120	G
PHENYLENEDIAMINE, M-	108-45-2	250	G	700	G	25000	G	70000	G	250000	G	700000	G
PHENYLPHENOL, 2-	90-43-7	380	G	1800	G	38000	G	180000	G	380000	G	700000	S

Regulated Substance	CASRN	Used Aquifers								Nonuse Aquifers			
		TDS ≤ 2500				TDS > 2500							
		R		NR		R		NR		R		NR	
PHORATE	298-02-2	8.3	G	23	G	830	G	2300	G	8.3	G	23	G
PHTHALIC ANHYDRIDE	85-44-9	83000	G	230000	G	6200000	S	6200000	S	6200000	S	6200000	S
PICLORAM	1918-02-1	500	M	500	M	50000	M	50000	M	500	M	500	M
POLYCHLORINATED BIPHENYLS (PCBS)	1336-36-3	0.5	M	0.5	M	50	M	50	M	0.5	M	0.5	M
PROMETON	1610-18-0	400	H	400	H	40000	H	40000	H	400	H	400	H
PRONAMIDE	23950-58-5	3100	G	8800	G	15000	S	15000	S	3100	G	8800	G
PROPANIL	709-98-8	210	G	580	G	21000	G	58000	G	210	G	580	G
PROPANOL, 2- (ISOPROPYL ALCOHOL)	67-63-0	420	N	1800	N	42000	N	180000	N	420	N	1800	N
PROPAZINE	139-40-2	10	H	10	H	1000	H	1000	H	10	H	10	H
PROPHAM	122-42-9	100	H	100	H	10000	H	10000	H	100	H	100	H
PROPYLBENZENE, N-	103-65-1	2100	N	8800	N	52000	S	52000	S	2100	N	8800	N
PROPYLENE OXIDE	75-56-9	3	G	14	G	300	G	1400	G	3	G	14	G
PYRENE	129-00-0	130	S	130	S	130	S	130	S	130	S	130	S
PYRIDINE	110-86-1	42	G	120	G	4200	G	12000	G	420	G	1200	G
QUINOLINE	91-22-5	0.24	G	1.1	G	24	G	110	G	240	G	1100	G
QUIZALOFOP (ASSURE)	76578-14-8	300	S	300	S	300	S	300	S	300	S	300	S
RDX	121-82-4	2	H	2	H	200	H	200	H	2	H	2	H
RESORCINOL	108-46-3	83000	G	230000	G	8300000	G	23000000	G	83000	G	230000	G
RONNEL	299-84-3	2100	G	5800	G	40000	S	40000	S	2100	G	5800	G
SIMAZINE	122-34-9	4	M	4	M	400	M	400	M	4	M	4	M
STRYCHNINE	57-24-9	13	G	35	G	1300	G	3500	G	13000	G	35000	G
STYRENE	100-42-5	100	M	100	M	10000	M	10000	M	10000	M	10000	M
TEBUTHIURON	34014-18-1	500	H	500	H	50000	H	50000	H	500	H	500	H
TERBACIL	5902-51-2	90	H	90	H	9000	H	9000	H	90	H	90	H
TERBUFOS	13071-79-9	0.4	H	0.4	H	40	H	40	H	0.4	H	0.4	H
TETRACHLOROBENZENE, 1,2,4,5-	95-94-3	13	G	35	G	580	S	580	S	580	S	580	S
TETRACHLORODIBENZO-P-DIOXIN, 2,3,7,8- (TCDD)	1746-01-6	0.00003	M	0.00003	M	0.003	M	0.003	M	0.019	S	0.019	S
TETRACHLOROETHANE, 1,1,1,2-	630-20-6	70	H	70	H	7000	H	7000	H	7000	H	7000	H
TETRACHLOROETHANE, 1,1,2,2-	79-34-5	0.84	N	4.3	N	84	N	430	N	84	N	430	N
TETRACHLOROETHYLENE (PCE)	127-18-4	5	M	5	M	500	M	500	M	50	M	50	M
TETRACHLOROPHENOL, 2,3,4,6-	58-90-2	1300	G	3500	G	130000	G	180000	S	180000	S	180000	S
TETRAETHYL LEAD	78-00-2	0.0042	G	0.012	G	0.42	G	1	G	4.2	G	12	G
TETRAETHYLDITHIOPYROPHOSPHATE	3689-24-5	21	G	58	G	2100	G	5800	G	21	G	58	G
TETRAHYDROFURAN	109-99-9	26	N	130	N	2600	N	13000	N	26	N	130	N
THIOFANOX	39196-18-4	13	G	35	G	1300	G	3500	G	13	G	35	G
THIRAM	137-26-8	210	G	580	G	21000	G	30000	S	210	G	580	G
TOLUENE	108-88-3	1000	M	1000	M	100000	M	100000	M	100000	M	100000	M

Regulated Substance	CASRN	Used Aquifers								Nonuse Aquifers			
		TDS ≤ 2500				TDS > 2500							
		R		NR		R		NR		R		NR	
TOLUIDINE, M-	108-44-1	46	G	210	G	4600	G	21000	G	46	G	210	G
TOLUIDINE, O	95-53-4	46	G	210	G	4600	G	21000	G	46000	G	210000	G
TOLUIDINE, P-	106-49-0	24	G	110	G	2400	G	11000	G	24	G	110	G
TOXAPHENE	8001-35-2	3	M	3	M	300	M	300	M	3	M	3	M
TRIALLATE	2303-17-5	540	G	1500	G	4000	S	4000	S	540	G	1500	G
TRIBROMOMETHANE (BROMOFORM)	75-25-2	80	M	80	M	8000	M	8000	M	8000	M	8000	M
TRICHLORO-1,2,2-TRIFLUOROETHANE, 1,1,2-	76-13-1	63000	N	170000	S	170000	S	170000	S	170000	S	170000	S
TRICHLOROACETIC ACID	76-03-9	60	M	60	M	6000	M	6000	M	60	M	60	M
TRICHLOROBENZENE, 1,2,4-	120-82-1	70	M	70	M	7000	M	7000	M	44000	S	44000	S
TRICHLOROBENZENE, 1,3,5-	108-70-3	40	H	40	H	4000	H	4000	H	40	H	40	H
TRICHLOROETHANE, 1,1,1-	71-55-6	200	M	200	M	20000	M	20000	M	2000	M	2000	M
TRICHLOROETHANE, 1,1,2-	79-00-5	5	M	5	M	500	M	500	M	50	M	50	M
TRICHLOROETHYLENE (TCE)	79-01-6	5	M	5	M	500	M	500	M	50	M	50	M
TRICHLOROPHENOL, 2,4,5-	95-95-4	4200	G	12000	G	420000	G	1000000	S	1000000	S	1000000	S
TRICHLOROPHENOL, 2,4,6-	88-06-2	42	G	120	G	4200	G	12000	G	42000	G	120000	G
TRICHLOROPHENOXYACETIC ACID, 2,4,5- (2,4,5-T)	93-76-5	70	H	70	H	7000	H	7000	H	70000	H	70000	H
TRICHLOROPHENOXYPROPIONIC ACID, 2,4,5- (2,4,5-TP)	93-72-1	50	M	50	M	5000	M	5000	M	50	M	50	M
TRICHLOROPROPANE, 1,1,2-	598-77-6	210	G	580	G	21000	G	58000	G	210	G	580	G
TRICHLOROPROPANE, 1,2,3-	96-18-4	40	H	40	H	4000	H	4000	H	4000	H	4000	H
TRICHLOROPROPENE, 1,2,3-	96-19-5	0.63	N	2.6	N	63	N	260	N	0.63	N	2.6	N
TRIETHYLAMINE	121-44-8	15	N	62	N	1500	N	6200	N	15	N	62	N
TRIETHYLENE GLYCOL	112-27-6	83000	G	230000	G	8300000	G	23000000	G	83000	G	230000	G
TRIFLURALIN	1582-09-8	10	H	10	H	1000	H	1000	H	10	H	10	H
TRIMETHYLBENZENE, 1,3,4- (TRIMETHYLBENZENE, 1,2,4-	95-63-6	15	N	62	N	1500	N	6200	N	1500	N	6200	N
TRIMETHYLBENZENE, 1,3,5-	108-67-8	420	G	1200	G	42000	G	49000	S	420	G	1200	G
TRINITROGLYCEROL (NITROGLYCERIN)	55-63-0	5	H	5	H	500	H	500	H	5	H	5	H
TRINITROTOLUENE, 2,4,6-	118-96-7	2	H	2	H	200	H	200	H	2	H	2	H
VINYL ACETATE	108-05-4	420	N	1800	N	42000	N	180000	N	420	N	1800	N
VINYL BROMIDE (BROMOETHENE)	593-60-2	1.5	N	7.8	N	150	N	780	N	15	N	78	N
VINYL CHLORIDE	75-01-4	2	M	2	M	200	M	200	M	20	M	20	M
WARFARIN	81-81-2	13	G	35	G	1300	G	3500	G	13000	G	17000	S
XYLENES (TOTAL)	1330-20-7	10000	M	10000	M	180000	S	180000	S	180000	S	180000	S
ZINEB	12122-67-7	2100	G	5800	G	10000	S	10000	S	2100	G	5800	G

All concentrations in µg/L
R = Residential
H = Lifetime health advisory level
G = Ingestion

Regulated Substance	CASRN	Used Aquifers				Nonuse Aquifers	
		TDS ≤ 2500		TDS > 2500			
		R	NR	R	NR	R	NR

NR = Non-Residential
N = Inhalation
M = Maximum Contaminant Level
S = Aqueous solubility cap
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.

APPENDIX A

Table 2 - Medium-Specific Concentrations (MSCs) for Inorganic Regulated Substances in Groundwater

Regulated Substance	CASRN	Used Aquifers				Nonuse Aquifers	
		TDS ≤ 2500		TDS > 2500			
		R	NR	R	NR	R	NR
ANTIMONY	7440-36-0	6 M	6 M	600 M	600 M	6,000 M	6,000 M
ARSENIC	7440-38-2	10 M	10 M	1,000 M	1,000 M	10,000 M	10,000 M
ASBESTOS (fibers/L)	12001-29-5	7,000,000 M	7,000,000 M	7,000,000 M	7,000,000 M	7,000,000 M	7,000,000 M
BARIUM AND COMPOUNDS	7440-39-3	2,000 M	2,000 M	200,000 M	200,000 M	2,000,000 M	2,000,000 M
BERYLLIUM	7440-41-7	4 M	4 M	400 M	400 M	4,000 M	4,000 M
BORON AND COMPOUNDS	7440-42-8	6,000 H	6,000 H	600,000 H	600,000 H	6,000,000 H	6,000,000 H
CADMIUM	7440-43-9	5 M	5 M	500 M	500 M	5,000 M	5,000 M
CHROMIUM (TOTAL)	7440-47-3	100 M	100 M	10,000 M	10,000 M	100,000 M	100,000 M
COBALT	7440-48-4	13 G	35 G	1,300 G	3,500 G	13,000 G	35,000 G
COPPER	7440-50-8	1,000 M	1,000 M	100,000 M	100,000 M	1,000,000 M	1,000,000 M
CYANIDE, FREE	57-12-5	200 M	200 M	20,000 M	20,000 M	200,000 M	200,000 M
FLUORIDE	16984-48-8	4,000 M	4,000 M	400,000 M	400,000 M	4,000,000 M	4,000,000 M
LEAD	7439-92-1	5 M	5 M	500 M	500 M	5,000 M	5,000 M
LITHIUM	7439-93-2	83 G	230 G	8,300 G	23,000 G	83,000 G	230,000 G
MANGANESE	7439-96-5	300 H	300 H	30,000 H	30,000 H	300,000 H	300,000 H
MERCURY	7439-97-6	2 M	2 M	200 M	200 M	2,000 M	2,000 M
MOLYBDENUM	7439-98-7	40 H	40 H	4,000 H	4,000 H	40,000 H	40,000 H
NICKEL	7440-02-0	100 H	100 H	10,000 H	10,000 H	100,000 H	100,000 H
NITRATE NITROGEN	14797-55-8	10,000 M	10,000 M	1,000,000 M	1,000,000 M	10,000,000 M	10,000,000 M
NITRITE NITROGEN	14797-65-0	1,000 M	1,000 M	100,000 M	100,000 M	1,000,000 M	1,000,000 M
PERCHLORATE	7790-98-9	15 H	15 H	1,500 H	1,500 H	15,000 H	15,000 H
SELENIUM	7782-49-2	50 M	50 M	5,000 M	5,000 M	50,000 M	50,000 M
SILVER	7440-22-4	100 H	100 H	10,000 H	10,000 H	100,000 H	100,000 H

STRONTIUM	7440-24-6	4,000 H	4,000 H	400,000 H	400,000 H	4,000,000 H	4,000,000 H
THALLIUM	7440-28-0	2 M	2 M	200 M	200 M	2,000 M	2,000 M
TIN	7440-31-5	25,000 G	70,000 G	2,500,000 G	7,000,000 G	25,000,000 G	70,000,000 G
VANADIUM	7440-62-2	2.9 G	8.2 G	290 G	820 G	2,900 G	8,200 G
ZINC AND COMPOUNDS	7440-66-6	2000 H	2000 H	200000 H	200000 H	2000000 H	2000000 H

SECONDARY CONTAMINANTS			
REGULATED SUBSTANCE	**CASRN**	**SMCL**	**UNITS**
ALUMINUM	7429-90-5	200	µg/L
CHLORIDE	7647-14-5	250,000	µg/L
COPPER	7440-50-8	1000	µg/L
FLUORIDE	7681-49-4	2,000	µg/L
IRON	7439-89-6	300	µg/L
MANGANESE	7439-96-5	50	µg/L
SULFATE	7757-82-6	250,000	µg/L

All concentrations in ug/L (except asbestos)
M = Maximum Contaminant Level
H = Lifetime Health Advisory Level
SMCL = Secondary Maximum Contaminant Level
G = Ingestion
N = Inhalation

APPENDIX A
TABLE 3 - MEDIUM-SPECIFIC CONCENTRATIONS (MSCs) FOR ORGANIC REGULATED SUBSTANCES IN SOIL
A. Direct Contact Numeric Values

REGULATED SUBSTANCE	CASRN	Residential	Non-Residential	
			Surface Soil	Subsurface Soil
		0-15 feet	0-2 feet	2-15 feet
ACENAPHTHENE	83-32-9	13000 G	190000 C	190000 C
ACENAPHTHYLENE	208-96-8	13000 G	190000 C	190000 C
ACEPHATE	30560-19-1	880 G	10000 G	190000 C
ACETALDEHYDE	75-07-0	170 N	720 N	830 N
ACETONE	67-64-1	10000 C	10000 C	10000 C
ACETONITRILE	75-05-8	1100 N	4800 N	5500 N
ACETOPHENONE	98-86-2	10000 C	10000 C	10000 C
ACETYLAMINOFLUORENE, 2- (2AAF)	53-96-3	4.9 G	24 G	190000 C
ACROLEIN	107-02-8	0.38 N	1.6 N	1.8 N
ACRYLAMIDE	79-06-1	1.7 N	22 N	26 N
ACRYLIC ACID	79-10-7	19 N	79 N	91 N
ACRYLONITRILE	107-13-1	6.6 N	33 N	38 N
ALACHLOR	15972-60-8	330 G	1600 G	190000 C
ALDICARB	116-06-3	220 G	3200 G	190000 C
ALDICARB SULFONE	1646-88-4	220 G	3200 G	190000 C
ALDICARB SULFOXIDE	1646-87-3	220 G	3200 G	190000 C
ALDRIN	309-00-2	1.1 G	5.4 G	190000 C
ALLYL ALCOHOL	107-18-6	1.9 N	8 N	9.1 N
AMETRYN	834-12-8	2000 G	29000 G	190000 C
AMINOBIPHENYL, 4-	92-67-1	0.89 G	4.3 G	190000 C
AMITROLE	61-82-5	20 G	97 G	190000 C
AMMONIA	7664-41-7	1900 N	8000 N	9100 N
AMMONIUM SULFAMATE	7773-06-0	44000 G	190000 C	190000 C
ANILINE	62-53-3	19 N	79 N	91 N
ANTHRACENE	120-12-7	66000 G	190000 C	190000 C
ATRAZINE	1912-24-9	81 G	400 G	190000 C
AZINPHOS-METHYL (GUTHION)	86-50-0	660 G	9600 G	190000 C
BAYGON (PROPOXUR)	114-26-1	880 G	13000 G	190000 C
BENOMYL	17804-35-2	11000 G	160000 G	190000 C
BENTAZON	25057-89-0	6600 G	96000 G	190000 C
BENZENE	71-43-2	57 N	290 N	330 N
BENZIDINE	92-87-5	0.018 G	0.4 G	190000 C
BENZO[A]ANTHRACENE	56-55-3	6 G	130 G	190000 C
BENZO[A]PYRENE	50-32-8	0.58 G	12 G	190000 C
BENZO[B]FLUORANTHENE	205-99-2	3.5 G	76 G	190000 C
BENZO[GHI]PERYLENE	191-24-2	13000 G	190000 C	190000 C
BENZO[K]FLUORANTHENE	207-08-9	4 G	76 G	190000 C
BENZOIC ACID	65-85-0	190000 C	190000 C	190000 C
BENZOTRICHLORIDE	98-07-7	1.4 G	7 G	10000 C
BENZYL ALCOHOL	100-51-6	10000 C	10000 C	10000 C
BENZYL CHLORIDE	100-44-7	9 N	45 N	52 N
BETA PROPIOLACTONE	57-57-8	0.11 N	0.56 N	0.64 N
BHC, ALPHA	319-84-6	3 G	14 G	190000 C
BHC, BETA-	319-85-7	10 G	51 G	190000 C
BHC, GAMMA (LINDANE)	58-89-9	17 G	83 G	190000 C
BIPHENYL, 1,1-	92-52-4	2300 G	11000 G	190000 C
BIS(2-CHLOROETHOXY)METHANE	111-91-1	660 G	9600 G	10000 C
BIS(2-CHLOROETHYL)ETHER	111-44-4	1.3 N	6.7 N	7.7 N
BIS(2-CHLORO-ISOPROPYL)ETHER	108-60-1	44 N	220 N	250 N
BIS(CHLOROMETHYL)ETHER	542-88-1	0.0072 N	0.036 N	0.041 N
BIS[2-ETHYLHEXYL] PHTHALATE	117-81-7	1300 G	6500 G	10000 C
BISPHENOL A	80-05-7	11000 G	160000 G	190000 C
BROMACIL	314-40-9	22000 G	190000 C	190000 C
BROMOCHLOROMETHANE	74-97-5	770 N	3200 N	3600 N
BROMODICHLOROMETHANE	75-27-4	12 N	60 N	69 N
BROMOMETHANE	74-83-9	96 N	400 N	460 N

REGULATED SUBSTANCE	CASRN	Residential	Non-Residential	
			Surface Soil	Subsurface Soil
		0-15 feet	0-2 feet	2-15 feet
BROMOXYNIL	1689-84-5	4400 G	64000 G	190000 C
BROMOXYNIL OCTANOATE	1689-99-2	4400 G	64000 G	190000 C
BUTADIENE, 1,3-	106-99-0	5.5 G	27 G	85 N
BUTYL ALCOHOL, N-	71-36-3	10000 C	10000 C	10000 C
BUTYLATE	2008-41-5	10000 C	10000 C	10000 C
BUTYLBENZENE, N-	104-51-8	10000 C	10000 C	10000 C
BUTYLBENZENE, SEC-	135-98-8	10000 C	10000 C	10000 C
BUTYLBENZENE, TERT-	98-06-6	10000 C	10000 C	10000 C
BUTYLBENZYL PHTHALATE	85-68-7	9800 G	10000 C	10000 C
CAPTAN	133-06-2	8100 G	40000 G	190000 C
CARBARYL	63-25-2	22000 G	190000 C	190000 C
CARBAZOLE	86-74-8	930 G	4600 G	190000 C
CARBOFURAN	1563-66-2	1100 G	16000 G	190000 C
CARBON DISULFIDE	75-15-0	10000 C	10000 C	10000 C
CARBON TETRACHLORIDE	56-23-5	74 N	370 N	430 N
CARBOXIN	5234-68-4	22000 G	190000 C	190000 C
CHLORAMBEN	133-90-4	3300 G	48000 G	190000 C
CHLORDANE	57-74-9	53 G	260 G	190000 C
CHLORO-1,1-DIFLUOROETHANE, 1-	75-68-3	10000 C	10000 C	10000 C
CHLORO-1-PROPENE, 3- (ALLYL CHLORIDE)	107-05-1	19 N	80 N	91 N
CHLOROACETALDEHYDE	107-20-0	62 G	300 G	10000 C
CHLOROACETOPHENONE, 2-	532-27-4	190000 C	190000 C	190000 C
CHLOROANILINE, P-	106-47-8	93 G	460 G	190000 C
CHLOROBENZENE	108-90-7	960 N	4000 N	4600 N
CHLOROBENZILATE	510-15-6	170 G	830 G	190000 C
CHLOROBUTANE, 1-	109-69-3	8800 G	10000 C	10000 C
CHLORODIBROMOMETHANE	124-48-1	17 N	82 N	95 N
CHLORODIFLUOROMETHANE	75-45-6	10000 C	10000 C	10000 C
CHLOROETHANE	75-00-3	6400 G	10000 C	10000 C
CHLOROFORM	67-66-3	19 N	97 N	110 N
CHLORONAPHTHALENE, 2-	91-58-7	18000 G	190000 C	190000 C
CHLORONITROBENZENE, P-	100-00-5	220 G	3200 G	190000 C
CHLOROPHENOL, 2-	95-57-8	1100 G	10000 C	10000 C
CHLOROPRENE	126-99-8	1.5 N	7.4 N	8.5 N
CHLOROPROPANE, 2-	75-29-6	1900 N	8000 N	9100 N
CHLOROTHALONIL	1897-45-6	3300 G	29000 G	190000 C
CHLOROTOLUENE, O-	95-49-8	4400 G	10000 C	10000 C
CHLOROTOLUENE, P-	106-43-4	4400 G	10000 C	10000 C
CHLORPYRIFOS	2921-88-2	220 G	3200 G	190000 C
CHLORSULFURON	64902-72-3	11000 G	160000 G	190000 C
CHLORTHAL-DIMETHYL (DACTHAL) (DCPA)	1861-32-1	2200 G	32000 G	190000 C
CHRYSENE	218-01-9	35 G	760 G	190000 C
CRESOL(S)	1319-77-3	10000 C	10000 C	10000 C
CRESOL, 4,6-DINITRO-O-	534-52-1	18 G	260 G	190000 C
CRESOL, O- (2-METHYLPHENOL)	95-48-7	11000 G	160000 G	190000 C
CRESOL, M- (3-METHYLPHENOL)	108-39-4	10000 C	10000 C	10000 C
CRESOL, P- (4-METHYLPHENOL)	106-44-5	1100 G	16000 G	190000 C
CRESOL, P-CHLORO-M-	59-50-7	22000 G	190000 C	190000 C
CROTONALDEHYDE	4170-30-3	9.8 G	48 G	10000 C
CROTONALDEHYDE, TRANS-	123-73-9	9.8 G	48 G	10000 C
CUMENE (ISOPROPYL BENZENE)	98-82-8	7700 N	10000 C	10000 C
CYANAZINE	21725-46-2	22 G	110 G	190000 C
CYCLOHEXANE	110-82-7	10000 C	10000 C	10000 C
CYCLOHEXANONE	108-94-1	10000 C	10000 C	10000 C
CYFLUTHRIN	68359-37-5	5500 G	80000 G	190000 C
CYROMAZINE	66215-27-8	1700 G	24000 G	190000 C
DDD, 4,4'-	72-54-8	78 G	380 G	190000 C
DDE, 4,4'-	72-55-9	55 G	270 G	190000 C
DDT, 4,4'-	50-29-3	55 G	270 G	190000 C
DI(2-ETHYLHEXYL)ADIPATE	103-23-1	10000 C	10000 C	10000 C

REGULATED SUBSTANCE	CASRN	Residential	Non-Residential	
			Surface Soil	Subsurface Soil
		0-15 feet	0-2 feet	2-15 feet
DIALLATE	2303-16-4	300 G	1500 G	10000 C
DIAMINOTOLUENE, 2,4-	95-80-7	4.7 G	23 G	190000 C
DIAZINON	333-41-5	150 G	2200 G	10000 C
DIBENZO[A,H]ANTHRACENE	53-70-3	1 G	22 G	190000 C
DIBENZOFURAN	132-64-9	220 G	3200 G	190000 C
DIBROMO-3-CHLOROPROPANE, 1,2-	96-12-8	0.029 N	0.37 N	0.43 N
DIBROMOBENZENE, 1,4-	106-37-6	2200 G	32000 G	190000 C
DIBROMOETHANE, 1,2- (ETHYLENE DIBROMIDE)	106-93-4	0.74 N	3.7 N	4.3 N
DIBROMOMETHANE	74-95-3	77 N	320 N	370 N
DIBUTYL PHTHALATE, N-	84-74-2	10000 C	10000 C	10000 C
DICAMBA	1918-00-9	6600 G	96000 G	190000 C
DICHLOROACETIC ACID	79-43-6	370 G	1800 G	10000 C
DICHLORO-2-BUTENE, 1,4-	764-41-0	0.11 N	0.53 N	0.61 N
DICHLORO-2-BUTENE, TRANS-1,4-	110-57-6	0.1 N	0.52 N	0.6 N
DICHLOROBENZENE, 1,2-	95-50-1	3800 N	10000 C	10000 C
DICHLOROBENZENE, 1,3-	541-73-1	10000 C	10000 C	10000 C
DICHLOROBENZENE, P-	106-46-7	40 N	200 N	230 N
DICHLOROBENZIDINE, 3,3'-	91-94-1	41 G	200 G	190000 C
DICHLORODIFLUOROMETHANE (FREON 12)	75-71-8	1900 N	8000 N	9100 N
DICHLOROETHANE, 1,1-	75-34-3	280 N	1400 N	1600 N
DICHLOROETHANE, 1,2-	107-06-2	17 N	86 N	98 N
DICHLOROETHYLENE, 1,1-	75-35-4	3800 N	10000 C	10000 C
DICHLOROETHYLENE, CIS-1,2-	156-59-2	440 G	6400 G	10000 C
DICHLOROETHYLENE, TRANS-1,2-	156-60-5	1100 N	4800 N	5500 N
DICHLOROMETHANE (METHYLENE CHLORIDE)	75-09-2	1300 G	10000 C	10000 C
DICHLOROPHENOL, 2,4-	120-83-2	660 G	9600 G	190000 C
DICHLOROPHENOXYACETIC ACID, 2,4- (2,4-D)	94-75-7	2200 G	32000 G	190000 C
DICHLOROPROPANE, 1,2-	78-87-5	45 N	220 N	260 N
DICHLOROPROPENE, 1,3-	542-75-6	110 N	560 N	640 N
DICHLOROPROPIONIC ACID, 2,2- (DALAPON)	75-99-0	6600 G	10000 C	10000 C
DICHLORVOS	62-73-7	64 G	310 G	10000 C
DICYCLOPENTADIENE	77-73-6	6 N	24 N	27 N
DIELDRIN	60-57-1	1.2 G	6 G	190000 C
DIETHANOLAMINE	111-42-2	440 G	6400 G	10000 C
DIETHYL PHTHALATE	84-66-2	10000 C	10000 C	10000 C
DIFLUBENZURON	35367-38-5	4400 G	64000 G	190000 C
DIISOPROPYL METHYLPHOSPHONATE	1445-75-6	10000 C	10000 C	10000 C
DIMETHOATE	60-51-5	44 G	640 G	190000 C
DIMETHOXYBENZIDINE, 3,3-	119-90-4	1300 G	6500 G	190000 C
DIMETHRIN	70-38-2	66000 G	190000 C	190000 C
DIMETHYLAMINOAZOBENZENE, P-	60-11-7	4 G	20 G	190000 C
DIMETHYLANILINE, N,N-	121-69-7	440 G	6400 G	10000 C
DIMETHYLBENZIDINE, 3,3-	119-93-7	1.7 G	8.3 G	190000 C
DIMETHYL METHYLPHOSPHONATE	756-79-6	10000 C	10000 C	10000 C
DIMETHYLPHENOL, 2,4-	105-67-9	4400 G	10000 C	10000 C
DINITROBENZENE, 1,3-	99-65-0	22 G	320 G	190000 C
DINITROPHENOL, 2,4-	51-28-5	440 G	6400 G	190000 C
DINITROTOLUENE, 2,4-	121-14-2	60 G	290 G	190000 C
DINITROTOLUENE, 2,6- (2,6-DNT)	606-20-2	12 G	61 G	190000 C
DINOSEB	88-85-7	220 G	3200 G	190000 C
DIOXANE, 1,4-	123-91-1	58 N	290 N	330 N
DIPHENAMID	957-51-7	6600 G	96000 G	190000 C
DIPHENYLAMINE	122-39-4	5500 G	80000 G	190000 C
DIPHENYLHYDRAZINE, 1,2-	122-66-7	23 G	110 G	190000 C
DIQUAT	85-00-7	480 G	7000 G	190000 C
DISULFOTON	298-04-4	8.8 G	130 G	10000 C
DITHIANE, 1,4-	505-29-3	2200 G	32000 G	190000 C
DIURON	330-54-1	440 G	6400 G	190000 C
ENDOSULFAN	115-29-7	1300 G	19000 G	190000 C
ENDOSULFAN I (ALPHA)	959-98-8	1300 G	19000 G	190000 C

REGULATED SUBSTANCE	CASRN	Residential	Non-Residential	
			Surface Soil	Subsurface Soil
		0-15 feet	0-2 feet	2-15 feet
ENDOSULFAN II (BETA)	33213-65-9	1300 G	19000 G	190000 C
ENDOSULFAN SULFATE	1031-07-8	1300 G	19000 G	190000 C
ENDOTHALL	145-73-3	4400 G	64000 G	190000 C
ENDRIN	72-20-8	66 G	960 G	190000 C
EPICHLOROHYDRIN	106-89-8	19 N	79 N	91 N
ETHEPHON	16672-87-0	1100 G	16000 G	190000 C
ETHION	563-12-2	110 G	1600 G	10000 C
ETHOXYETHANOL, 2- (EGEE)	110-80-5	3900 N	10000 C	10000 C
ETHYL ACETATE	141-78-6	1300 N	5600 N	6400 N
ETHYL ACRYLATE	140-88-5	150 N	640 N	730 N
ETHYL BENZENE	100-41-4	180 N	890 N	1000 N
ETHYL DIPROPYLTHIOCARBAMATE, S- (EPTC)	759-94-4	5500 G	10000 C	10000 C
ETHYL ETHER	60-29-7	10000 C	10000 C	10000 C
ETHYL METHACRYLATE	97-63-2	5700 N	10000 C	10000 C
ETHYLENE CHLORHYDRIN	107-07-3	4400 G	10000 C	10000 C
ETHYLENE GLYCOL	107-21-1	7700 N	10000 C	10000 C
ETHYLENE THIOUREA (ETU)	96-45-7	18 G	260 G	190000 C
ETHYLP-NITROPHENYL PHENYLPHOSPHOROTHIOATE	2104-64-5	2.2 G	32 G	190000 C
FENAMIPHOS	22224-92-6	55 G	800 G	190000 C
FENVALERATE (PYDRIN)	51630-58-1	5500 G	10000 C	10000 C
FLUOMETURON	2164-17-2	2900 G	42000 G	190000 C
FLUORANTHENE	206-44-0	8800 G	130000 G	190000 C
FLUORENE	86-73-7	8800 G	130000 G	190000 C
FLUOROTRICHLOROMETHANE (FREON 11)	75-69-4	10000 C	10000 C	10000 C
FONOFOS	944-22-9	440 G	6400 G	10000 C
FORMALDEHYDE	50-00-0	34 N	170 N	200 N
FORMIC ACID	64-18-6	6 N	24 N	27 N
FOSETYL-AL	39148-24-8	190000 C	190000 C	190000 C
FURAN	110-00-9	220 G	3200 G	10000 C
FURFURAL	98-01-1	660 G	4000 N	4500 N
GLYPHOSATE	1071-83-6	22000 G	190000 C	190000 C
HEPTACHLOR	76-44-8	4 G	20 G	190000 C
HEPTACHLOR EPOXIDE	1024-57-3	2 G	10 G	190000 C
HEXACHLOROBENZENE	118-74-1	12 G	57 G	190000 C
HEXACHLOROBUTADIENE	87-68-3	220 G	1200 G	10000 C
HEXACHLOROCYCLOPENTADIENE	77-47-4	1300 G	10000 C	10000 C
HEXACHLOROETHANE	67-72-1	44 N	220 N	260 N
HEXANE	110-54-3	10000 C	10000 C	10000 C
HEXAZINONE	51235-04-2	7300 G	110000 G	190000 C
HEXYTHIAZOX (SAVEY)	78587-05-0	5500 G	80000 G	190000 C
HMX	2691-41-0	11000 G	160000 G	190000 C
HYDRAZINE/HYDRAZINE SULFATE	302-01-2	0.09 N	0.45 N	0.52 N
HYDROQUINONE	123-31-9	310 G	1500 G	190000 C
INDENO[1,2,3-CD]PYRENE	193-39-5	3.5 G	76 G	190000 C
IPRODIONE	36734-19-7	8800 G	130000 G	190000 C
ISOBUTYL ALCOHOL	78-83-1	10000 C	10000 C	10000 C
ISOPHORONE	78-59-1	10000 C	10000 C	10000 C
ISOPROPYL METHYLPHOSPHONATE	1832-54-8	10000 C	10000 C	10000 C
KEPONE	143-50-0	1.9 G	9.1 G	190000 C
MALATHION	121-75-5	4400 G	10000 C	10000 C
MALEIC HYDRAZIDE	123-33-1	110000 G	190000 C	190000 C
MANEB	12427-38-2	1100 G	16000 G	190000 C
MERPHOS OXIDE	78-48-8	6.6 G	96 G	10000 C
METHACRYLONITRILE	126-98-7	22 G	320 G	2800 N
METHAMIDOPHOS	10265-92-6	11 G	160 G	190000 C
METHANOL	67-56-1	10000 C	10000 C	10000 C
METHOMYL	16752-77-5	5500 G	80000 G	190000 C
METHOXYCHLOR	72-43-5	1100 G	16000 G	190000 C
METHOXYETHANOL, 2-	109-86-4	380 N	1600 N	1800 N
METHYL ACETATE	79-20-9	10000 C	10000 C	10000 C

REGULATED SUBSTANCE	CASRN	Residential	Non-Residential	
			Surface Soil	Subsurface Soil
		0-15 feet	0-2 feet	2-15 feet
METHYL ACRYLATE	96-33-3	380 N	1600 N	1800 N
METHYL CHLORIDE	74-87-3	250 N	1200 N	1400 N
METHYL ETHYL KETONE	78-93-3	10000 C	10000 C	10000 C
METHYL HYDRAZINE	60-34-4	0.38 N	1.6 N	1.8 N
METHYL ISOBUTYL KETONE	108-10-1	10000 C	10000 C	10000 C
METHYL ISOCYANATE	624-83-9	19 N	79 N	91 N
METHYL N-BUTYL KETONE (2-HEXANONE)	591-78-6	570 N	2400 N	2800 N
METHYL METHACRYLATE	80-62-6	10000 C	10000 C	10000 C
METHYL METHANESULFONATE	66-27-3	190 G	920 G	10000 C
METHYL PARATHION	298-00-0	55 G	800 G	190000 C
METHYL STYRENE (MIXED ISOMERS)	25013-15-4	770 N	3200 N	3600 N
METHYL TERT-BUTYL ETHER (MTBE)	1634-04-4	1700 N	8600 N	9900 N
METHYLCHLOROPHENOXYACETIC ACD (MCPA)	94-74-6	110 G	1600 C	190000 C
METHYLENE BIS(2-CHLOROANILINE), 4,4'-	101-14-4	42 G	910 G	190000 C
METHYLNAPHTHALENE, 2-	91-57-6	880 G	13000 G	190000 C
METHYLSTYRENE, ALPHA	98-83-9	10000 C	10000 C	10000 C
METOLACHLOR	51218-45-2	10000 C	10000 C	10000 C
METRIBUZIN	21087-64-9	5500 G	80000 G	190000 C
MONOCHLOROACETIC ACID	79-11-8	440 G	6400 G	190000 C
NAPHTHALENE	91-20-3	160 G	760 G	190000 C
NAPHTHYLAMINE, 1-	134-32-7	10 G	51 G	190000 C
NAPHTHYLAMINE, 2-	91-59-8	10 G	51 G	190000 C
NAPROPAMIDE	15299-99-7	22000 G	190000 C	190000 C
NITROANILINE, O-	88-74-4	2200 G	32000 G	190000 C
NITROANILINE, P-	100-01-6	880 G	4600 G	190000 C
NITROBENZENE	98-95-3	440 G	6400 G	10000 C
NITROGUANIDINE	556-88-7	22000 G	190000 C	190000 C
NITROPHENOL, 2-	88-75-5	1800 G	26000 G	190000 C
NITROPHENOL, 4-	100-02-7	1800 G	26000 G	190000 C
NITROPROPANE, 2-	79-46-9	0.16 N	0.82 N	0.94 N
NITROSODIETHYLAMINE, N-	55-18-5	0.0041 N	0.051 N	0.059 N
NITROSODIMETHYLAMINE, N-	62-75-9	0.012 N	0.16 N	0.18 N
NITROSO-DI-N-BUTYLAMINE, N-	924-16-3	3.4 G	17 G	10000 C
NITROSODI-N-PROPYLAMINE, N-	621-64-7	2.7 G	13 G	10000 C
NITROSODIPHENYLAMINE, N-	86-30-6	3800 G	19000 G	190000 C
NITROSO-N-ETHYLUREA, N-	759-73-9	0.16 G	3.4 G	190000 C
OCTYL PHTHALATE, DI-N-	117-84-0	2200 G	10000 C	10000 C
OXAMYL (VYDATE)	23135-22-0	5500 G	80000 G	190000 C
PARAQUAT	1910-42-5	990 G	14000 G	190000 C
PARATHION	56-38-2	1300 G	10000 C	10000 C
PCB-1016 (AROCLOR)	12674-11-2	9 G	46 G	10000 C
PCB-1221 (AROCLOR)	11104-28-2	9 G	46 G	10000 C
PCB-1232 (AROCLOR)	11141-16-5	9 G	46 G	10000 C
PCB-1242 (AROCLOR)	53469-21-9	9 G	46 G	10000 C
PCB-1248 (AROCLOR)	12672-29-6	9.3 G	46 G	10000 C
PCB-1254 (AROCLOR)	11097-69-1	4.4 G	46 G	10000 C
PCB-1260 (AROCLOR)	11096-82-5	9 G	46 G	190000 C
PEBULATE	1114-71-2	10000 C	10000 C	10000 C
PENTACHLOROBENZENE	608-93-5	180 G	2600 G	190000 C
PENTACHLOROETHANE	76-01-7	210 G	1000 G	10000 C
PENTACHLORONITROBENZENE	82-68-8	72 G	350 G	190000 C
PENTACHLOROPHENOL	87-86-5	47 G	230 G	190000 C
PHENACETIN	62-44-2	8500 G	41000 G	190000 C
PHENANTHRENE	85-01-8	66000 G	190000 C	190000 C
PHENOL	108-95-2	3800 N	16000 N	18000 N
PHENYL MERCAPTAN	108-98-5	220 G	3200 G	10000 C
PHENYLENEDIAMINE, M-	108-45-2	1300 G	19000 G	190000 C
PHENYLPHENOL, 2-	90-43-7	9800 G	48000 G	190000 C
PHORATE	298-02-2	44 G	640 G	10000 C
PHTHALIC ANHYDRIDE	85-44-9	190000 C	190000 C	190000 C

REGULATED SUBSTANCE	CASRN	Residential	Non-Residential	
			Surface Soil	Subsurface Soil
		0-15 feet	0-2 feet	2-15 feet
PICLORAM	1918-02-1	15000 G	190000 C	190000 C
PROMETON	1610-18-0	3300 G	48000 G	190000 C
PRONAMIDE	23950-58-5	17000 G	190000 C	190000 C
PROPANIL	709-98-8	1100 G	16000 G	190000 C
PROPANOL, 2- (ISOPROPYL ALCOHOL)	67-63-0	3800 N	10000 C	10000 C
PROPAZINE	139-40-2	4400 G	10000 C	10000 C
PROPHAM	122-42-9	4400 G	64000 G	190000 C
PROPYLBENZENE, N-	103-65-1	10000 C	10000 C	10000 C
PROPYLENE OXIDE	75-56-9	78 G	380 G	690 N
PYRENE	129-00-0	6600 G	96000 G	190000 C
PYRIDINE	110-86-1	220 G	3200 G	10000 C
QUINOLINE	91-22-5	6 G	30 G	10000 C
QUIZALOFOP (ASSURE)	76578-14-8	2000 G	29000 G	190000 C
RDX	121-82-4	170 G	830 G	190000 C
RESORCINOL	108-46-3	190000 C	190000 C	190000 C
RONNEL	299-84-3	11000 G	160000 G	190000 C
SIMAZINE	122-34-9	160 G	760 G	190000 C
STRYCHNINE	57-24-9	66 G	960 G	190000 C
STYRENE	100-42-5	10000 C	10000 C	10000 C
TEBUTHIURON	34014-18-1	15000 G	190000 C	190000 C
TERBACIL	5902-51-2	2900 G	42000 G	190000 C
TERBUFOS	13071-79-9	5.5 G	80 G	10000 C
TETRACHLOROBENZENE, 1,2,4,5-	95-94-3	66 G	960 G	190000 C
TETRACHLORODIBENZO-P-DIOXIN, 2,3,7,8- (TCDD)	1746-01-6	0.00014 G	0.0007 G	190000 C
TETRACHLOROETHANE, 1,1,1,2-	630-20-6	60 N	300 N	340 N
TETRACHLOROETHANE, 1,1,2,2-	79-34-5	7.7 N	38 N	44 N
TETRACHLOROETHYLENE (PCE)	127-18-4	770 N	3200 N	3600 N
TETRACHLOROPHENOL, 2,3,4,6-	58-90-2	6600 G	96000 G	190000 C
TETRAETHYL LEAD	78-00-2	0.022 G	0.32 G	10000 C
TETRAETHYLDITHIOPYROPHOSPHATE	3689-24-5	110 G	1600 G	10000 C
TETRAHYDROFURAN	109-99-9	240 N	1200 N	1400 N
THIOFANOX	39196-18-4	66 G	960 G	190000 C
THIRAM	137-26-8	1100 G	16000 G	190000 C
TOLUENE	108-88-3	10000 C	10000 C	10000 C
TOLUIDINE, M-	108-44-1	1200 G	5700 G	10000 C
TOLUIDINE, O-	95-53-4	1200 G	5700 G	10000 C
TOLUIDINE, P-	106-49-0	620 G	3000 G	190000 C
TOXAPHENE	8001-35-2	17 G	83 G	190000 C
TRIALLATE	2303-17-5	2900 G	10000 C	10000 C
TRIBROMOMETHANE (BROMOFORM)	75-25-2	410 N	2000 N	2300 N
TRICHLORO-1,2,2-TRIFLUOROETHANE, 1,1,2-	76-13-1	10000 C	10000 C	10000 C
TRICHLOROACETIC ACID	76-03-9	270 G	1300 G	190000 C
TRICHLOROBENZENE, 1,2,4-	120-82-1	640 G	3100 G	10000 C
TRICHLOROBENZENE, 1,3,5-	108-70-3	1300 G	19000 G	190000 C
TRICHLOROETHANE, 1,1,1-	71-55-6	10000 C	10000 C	10000 C
TRICHLOROETHANE, 1,1,2-	79-00-5	4 N	16 N	18 N
TRICHLOROETHYLENE (TCE)	79-01-6	38 N	160 N	180 N
TRICHLOROPHENOL, 2,4,5-	95-95-4	22000 G	190000 C	190000 C
TRICHLOROPHENOL, 2,4,6-	88-06-2	220 G	3200 G	190000 C
TRICHLOROPHENOXYACETIC ACID, 2,4,5- (2,4,5-T)	93-76-5	2200 G	32000 G	190000 C
TRICHLOROPHENOXYPROPIONIC ACID, 2,4,5- (2,4,5-TP)(SILVEX)	93-72-1	1800 G	26000 G	190000 C
TRICHLOROPROPANE, 1,1,2-	598-77-6	1100 G	10000 C	10000 C
TRICHLOROPROPANE, 1,2,3-	96-18-4	0.14 G	3 G	28 N
TRICHLOROPROPENE, 1,2,3-	96-19-5	5.7 N	24 N	27 N
TRIETHYLAMINE	121-44-8	130 N	560 N	640 N
TRIETHYLENE GLYCOL	112-27-6	10000 C	10000 C	10000 C
TRIFLURALIN	1582-09-8	1700 G	12000 G	190000 C
TRIMETHYLBENZENE, 1,3,4- (TRIMETHYLBENZENE, 1,2,4-)	95-63-6	130 N	560 N	640 N
TRIMETHYLBENZENE, 1,3,5-	108-67-8	2200 G	10000 C	10000 C
TRINITROGLYCEROL (NITROGLYCERIN)	55-63-0	22 G	320 G	10000 C

REGULATED SUBSTANCE	CASRN	Residential	Non-Residential	
			Surface Soil	Subsurface Soil
		0-15 feet	0-2 feet	2-15 feet
TRINITROTOLUENE, 2,4,6-	118-96-7	110 G	1600 G	190000 C
VINYL ACETATE	108-05-4	3900 N	10000 C	10000 C
VINYL BROMIDE (BROMOETHENE)	593-60-2	14 N	70 N	80 N
VINYL CHLORIDE	75-01-4	0.9 G	61 G	280 N
WARFARIN	81-81-2	66 G	960 G	190000 C
XYLENES (TOTAL)	1330-20-7	1900 N	8000 N	9100 N
ZINEB	12122-67-7	11000 G	160000 G	190000 C

All concentrations in mg/kg
G - Ingestion
N - Inhalation
C - Cap

APPENDIX A

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	250	3100 E	380	4700 E	380	4700 E	380	4700 E	380	4700 E	380	4700 E	15
ACENAPHTHYLENE	208-96-8	250	2800 E	700	8000 E	1600	18000 E	1600	18000 E	1600	18000 E	1600	18000 E	15
ACEPHATE	30560-19-1	8.4	1.0 E	39	4.6 E	840	100 E	3900	460 E	8.4	1.0 E	39	4.6 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	3800	430 E	10000	1200 E	10000	10000 C	10000	10000 C	10000	4300 E	10000	10000 C	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	420	230 E	1200	640 E	10000	10000 C	10000	10000 C	420	230 E	1200	640 E	NA
ACETYLAMINOFLUORENE, 2- (2AAF)	53-96-3	0.019	0.08 E	0.089	0.37 E	1.9	8 E	8.9	37 E	19	78 E	89	370 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	0.0043	0.52 E	0.02	2.4 E	0.43	52 E	2.0	240 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	1 E	2.1	0.25 E	9	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	0.0035	0.0014 E	0.016	0.0062 E	0.35	0.14 E	1.6	0.62 E	3.5	1.4 E	16	6.2 E	NA
AMITROLE	61-82-5	0.078	0.032 E	0.36	0.15 E	8	3.2 E	36	15 E	78	32 E	360	150 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	13	15 E	35	40 E	1300	1500 E	3200	3600 E	13	15 E	35	40 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	970 E	200	970 E	200	970 E	200	970 E	200	970 E	200	970 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	0.000098	0.13 E	0.0015	2 E	0.0098	13 E	0.15	200 E	0.098	130 E	1.5	2000 E	5
BENZO[A]ANTHRACENE	56-55-3	0.032	28 E	0.49	430 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	26 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	210 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	17000	3200 E	47000	9000 E	190000	52000 E	190000	52000 E	17000	3200 E	47000	9000 E	NA
BENZOTRICHLORIDE	98-07-7	0.0056	0.014 E	0.026	0.063 E	0.56	1.4 E	3	6.3 E	5.6	14 E	26	63 E	30
BENZYL ALCOHOL	100-51-6	420	150 E	1200	430 E	10000	10000 C	10000	10000 C	420	150 E	1200	430 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	0.1	0.015 E	0.63	0.076 E	0.012	0.0015 E	0.063	0.0076 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	
BHC, ALPHA	319-84-6	0.012	0.055 E	0.054	0.25 E	1	5.5 E	5.4	25 E	12	55 E	54	250 E	20
BHC, BETA-	319-85-7	0.041	0.24 E	0.19	1.1 E	4.1	24 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	40 E	43	190 E	720	3100 E	720	3100 E	720	3100 E	720	3100 E	20
BIS(2-CHLOROETHOXY)METHANE	111-91-1	13	3.4 E	35	9.2 E	1300	340 E	3500	920 E	13	3.4 E	35	9.2 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	0.001 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	210	810 E	580	2200 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
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	83	71 E	230	200 E	8300	7100 E	13000	11000 E	83	71 E	230	200 E	NA
BROMOXYNIL OCTANOATE	1689-99-2	8	360 E	8	360 E	8	360 E	8	360 E	8	360 E	8	360 E	15
BUTADIENE, 1,3-	106-99-0	0.021	0.0086 E	0.1	0.041 E	2.1	0.86 E	10	4.1 E	2.1	0.86 E	10	4.1 E	NA
BUTYL ALCOHOL, N-	71-36-3	420	50 E	1200	140 E	10000	5000 E	10000	10000 C	4200	500 E	10000	1400 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	210	1300 E	580	3700 E	1500	9500 E	1500	9500 E	210	1300 E	580	3700 E	15
BUTYLBENZENE, SEC-	135-98-8	420	980 E	1200	2800 E	1700	4000 E	1700	4000 E	420	980 E	1200	2800 E	30
BUTYLBENZENE, TERT-	98-06-6	420	760 E	1200	2200 E	3000	5400 E	3000	5400 E	420	760 E	1200	2200 E	30
BUTYLBENZYL PHTHALATE	85-68-7	38	3200 E	180	10000 C	270	10000 C	270	10000 C	270	10000 C	270	10000 C	10
CAPTAN	133-06-2	32	20 E	50	31 E	50	31 E	50	31 E	50	31 E	50	31 E	NA
CARBARYL	63-25-2	420	250 E	1200	700 E	12000	7000 E	12000	7000 E	12000	7000 E	12000	7000 E	NA
CARBAZOLE	86-74-8	3.7	24 E	17	110 E	120	760 E	120	760 E	4	24 E	17	110 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	1.1	0.13 E	24	2.9 E	110	13 E	0.24	0.029 E	1.1	0.1 E	NA
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	0.47 E	1.7	2.1 E	37	47 E	170	210 E	0.37	0.47 E	1.7	2.1 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	0.66	4.4 E	3.1	20 E	66	440 E	310	2000 E	660	4400 E	1300	8600 E	15
CHLOROBUTANE, 1-	109-69-3	170	270 E	470	730 E	10000	10000 C	10000	10000 C	170	270 E	470	730 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	25	5.4 E	120	26 E	2500	540 E	10000	2600 E	2500	540 E	10000	2600 E	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	330	7000 E	930	20000 E	1200	26000 E	1200	26000 E	330	7000 E	930	20000 E	15
CHLORONITROBENZENE, P-	100-00-5	4.2	5.5 E	12	16 E	420	550 E	1200	1600 E	4.2	5.5 E	12	16 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	
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
CHLOROTHALONIL	1897-45-6	24	61 E	60	150 E	60	150 E	60	150 E	24	61 E	60	150 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	210	29 E	580	80 E	19000	2600 E	19000	2600 E	210	29 E	580	80 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	230 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	0.33	0.25 E	0.93	0.7 E	33	25 E	93	70 E	330	250 E	930	700 E	NA
CRESOL, O- (2-METHYLPHENOL)	95-48-7	210	35 E	580	96 E	21000	3500 E	58000	9600 E	21000	3500 E	58000	9600 E	NA
CRESOL, M- (3-METHYLPHENOL)	108-39-4	210	41 E	580	110 E	10000	4100 E	10000	10000 C	10000	10000 C	10000	10000 C	NA
CRESOL, P- (4-METHYLPHENOL)	106-44-5	21	4.9 E	58	14 E	2100	490 E	5800	1400 E	21000	4900 E	58000	14000 E	NA
CRESOL, P-CHLORO-M-	59-50-7	420	870 E	1200	2500 E	42000	87000 E	120000	190000 C	420	870 E	1200	2500 E	30
CROTONALDEHYDE	4170-30-3	0.038	0.0048 E	0.18	0.023 E	3.8	0.48 E	18	2.3 E	3.8	0.48 E	18	2.3 E	NA
CROTONALDEHYDE, TRANS-	123-73-9	0.038	0.0048 E	0.18	0.023 E	3.8	0.48 E	18	2.3 E	3.8	0.48 E	18	2.3 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	31	96 E	88	270 E	3100	9600 E	8800	27000 E	31	96 E	88	270 E	20
DDD, 4,4'-	72-54-8	0.3	33 E	1.4	150 E	16	1800 E	16	1800 E	16	1800 E	16	1800 E	10
DDE, 4,4'-	72-55-9	0.21	46 E	1	220 E	4	870 E	4	870 E	4	870 E	4	870 E	10
DDT, 4,4'-	50-29-3	0.21	130 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	1.2	0.7 E	5.6	3.3 E	120	70 E	560	330 E	1200	700 E	4000	2300 E	NA
DIAMINOTOLUENE, 2,4-	95-80-7	0.018	0.0036 E	0.085	0.017 E	1.8	0.36 E	8.5	1.7 E	18	3.6 E	85	17 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	0.0055	25 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	110 E	12	310 E	420	11000 E	450	12000 E	450	12000 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	42	170 E	120	490 E	2000	8200 E	2000	8200 E	42	170 E	120	490 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	1700 E	1200	4900 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	0.16	8.8 E	0.76	42 E	16	880 E	76	4200 E	160	8800 E	310	17000 E	10

REGULATED SUBSTANCE	CASRN	Used Aquifers								Nonuse Aquifers				Soil Buffer Distance (feet)
		TDS ≤ 2500				TDS > 2500								
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		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	
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
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	0.73	0.13 E	3.4	0.61 E	73	13 E	340	61 E	73	13 E	340	61 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	0.25	0.059 E	1.2	0.28 E	25	5.9 E	120	28 E	0.25	0.059 E	1.2	0.28 E	NA
DICYCLOPENTADIENE	77-73-6	0.063	0.13 E	0.26	0.56 E	6	13 E	26	56 E	0.1	0.1 E	0.3	1 E	30
DIELDRIN	60-57-1	0.0046	0.13 E	0.021	0.58 E	0.46	13 E	2.1	58 E	4.6	130 E	17	470 E	15
DIETHYL PHTHALATE	84-66-2	3300	1000 E	9300	2900 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	0.83	0.32 E	2.3	0.89 E	83	32 E	230	89 E	830	320 E	2300	890 E	NA
DIMETHOXYBENZIDINE, 3,3-	119-90-4	0.046	0.15 E	0.21	0.71 E	5	15 E	21	71 E	46	150 E	210	710 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	0.016	0.042 E	0.074	0.19 E	1.6	4.2 E	7.4	19 E	16	42 E	74	190 E	20
DIMETHYLANILINE, N,N-	121-69-7	8.3	4.7 E	23	13 E	830	470 E	2300	1300 E	830	470 E	2300	1300 E	NA
DIMETHYLBENZIDINE, 3,3-	119-93-7	0.0066	0.36 E	0.031	1.7 E	0.7	36 E	3.1	170 E	7	360 E	31	1700 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	83	36 E	230	100 E	8300	3600 E	10000	10000 C	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	8.3	0.94 E	23	2.6 E	830	94 E	2300	260 E	8300	940 E	23000	2600 E	NA
DINITROTOLUENE, 2,4-	121-14-2	0.24	0.057 E	1.1	0.26 E	24	6 E	110	26 E	240	57 E	1100	260 E	NA
DINITROTOLUENE, 2,6- (2,6-DNT)	606-20-2	0.049	0.015 E	0.23	0.068 E	5	2 E	23	7 E	49	15 E	230	68 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	0.084 E	3.2	0.42 E	64	8.4 E	320	42 E	6.4	0.84 E	32	4.2 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	100	59 E	290	170 E	10000	5900 E	29000	17000 E	30000	18000 E	30000	18000 E	NA
DIPHENYLHYDRAZINE, 1,2-	122-66-7	0.091	0.16 E	0.43	0.76 E	9.1	16 E	25	44 E	25	44 E	25	44 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	7.1 E	23	20 E	830	710 E	2300	2000 E	8.3	7.1 E	23	20 E	NA
ENDOSULFAN	115-29-7	25	130 E	48	250 E	48	250 E	48	250 E	48	250 E	48	250 E	15
ENDOSULFAN I (ALPHA)	959-98-8	25	130 E	50	260 E	50	260 E	50	260 E	25	130 E	50	260 E	15
ENDOSULFAN II (BETA)	33213-65-9	25	150 E	45	260 E	45	260 E	45	260 E	25	150 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

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		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	
ETHEPHON	16672-87-0	21	2.4 E	58	6.7 E	2100	240 E	5800	670 E	21	2.4 E	58	6.7 E	NA
ETHION	563-12-2	2.1	46 E	5.8	130 E	85	1900 E	85	1900 E	2.1	46 E	5.8	130 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	1.5	0.58 E	7	2.7 E	150	58 E	700	270 E	150	58 E	700	270 E	NA
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	100	71 E	290	210 E	10000	7100 E	10000	10000 C	100	71 E	290	210 E	NA
ETHYL ETHER	60-29-7	830	230 E	2300	650 E	10000	10000 C	10000	10000 C	830	230 E	2300	650 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	83	10 E	230	26 E	8300	950 E	10000	2600 E	83	10 E	230	26 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	0.33	0.037 E	0.93	0.1 E	33	3.7 E	93	10 E	330	37 E	930	100 E	NA
ETHYLP-NITROPHENYL PHENYLPHOSPHOROTHIOATE	2104-64-5	0.042	0.13 E	0.12	0.37 E	4.2	13 E	12	37 E	0.042	0.13 E	0.1	0.37 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	170	3400 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	13000	12000 E	35000	31000 E	190000	190000 C	190000	190000 C	13000	12000 E	35000	31000 E	NA
FURAN	110-00-9	4.2	1.8 E	12	5.2 E	420	180 E	1200	520 E	420	180 E	1200	520 E	NA
FURFURAL	98-01-1	11	1.4 E	35	4.4 E	1100	140 E	3500	440 E	11	1.4 E	35	4.4 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	0.94	11 E	4.4	52 E	94	1100 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	620	5600 E	950	8700 E	950	8700 E	150	1400 E	620	5600 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	1.2	0.16 E	5.7	0.77 E	120	16 E	570	77 E	1200	160 E	5700	770 E	NA
INDENO[1,2,3-CD]PYRENE	193-39-5	0.019	1500 E	0.28	22000 E	1.9	150000 E	6.2	190000 C	6.2	190000 C	6.2	190000 C	5
IPRODIONE	36734-19-7	170	490 E	470	1300 E	1300	3700 E	1300	3700 E	170	490 E	470	1300 E	20
ISOBUTYL ALCOHOL	78-83-1	1300	340 E	3500	910 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	0.0073	1 E	0.034	4.7 E	0.73	100 E	3.4	470 E	7.3	1000 E	34	4700 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

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	
MANEB	12427-38-2	21	2 E	58	6.6 E	2100	240 E	2300	260 E	21	2 E	58	6.6 E	NA
MERPHOS OXIDE	78-48-8	0.13	17 E	0.35	46 E	13	1700 E	35	4600 E	0.13	17 E	0.35	46 E	10
METHACRYLONITRILE	126-98-7	0.42	0.069 E	1.2	0.2 E	42	6.9 E	120	20 E	0.42	0.069 E	1.2	0.2 E	NA
METHAMIDOPHOS	10265-92-6	0.21	0.026 E	0.58	0.072 E	21	2.6 E	58	7.2 E	0.21	0.026 E	0.58	0.072 E	NA
METHANOL	67-56-1	840	99 E	3500	410 E	10000	9900 E	10000	10000 C	10000	9900 E	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
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	4200	780 E	10000	2200 E	10000	10000 C	10000	10000 C	4200	780 E	10000	2200 E	NA
METHYL ACRYLATE	96-33-3	4	1 E	18	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	330	51 E	930	140 E	10000	5100 E	10000	10000 C	10000	5100 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	0.74	0.092 E	3.4	0.42 E	74	9.2 E	340	42 E	0.74	0.092 E	3.4	0.42 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	0.23	1.8 E	3.4	26 E	23	180 E	340	2600 E	0.23	1.8 E	3.4	26 E	15
METHYLNAPHTHALENE, 2-	91-57-6	17	680 E	47	1900 E	1700	68000 E	2500	100000 E	17	680 E	47	1900 E	15
METHYLSTYRENE, ALPHA	98-83-9	290	510 E	820	1400 E	10000	10000 C	10000	10000 C	290	510 E	820	1400 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
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	3000	7500 E	3000	7500 E	30
NAPHTHYLAMINE, 1-	134-32-7	0.041	0.33 E	0.19	1.5 E	4.1	33 E	19	150 E	41	330 E	190	1500 E	15
NAPHTHYLAMINE, 2-	91-59-8	0.041	0.013 E	0.19	0.062 E	4.1	1.3 E	19	6.2 E	41	13 E	190	62 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	42	8 E	120	21 E	4200	750 E	12000	2100 E	42	8 E	120	21 E	NA
NITROANILINE, P-	100-01-6	3.7	0.55 E	17	2.5 E	370	55 E	1700	250 E	3.7	0.55 E	17	2.5 E	NA
NITROBENZENE	98-95-3	8.3	3.6 E	23	10 E	830	360 E	2300	1000 E	8300	3600 E	10000	10000 C	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	33	6.7 E	93	19 E	3300	670 E	9300	1900 E	33000	6700 E	93000	19000 E	NA
NITROPHENOL, 4-	100-02-7	6	4.1 E	6	4.1 E	600	410 E	600	410 E	6000	4100 E	6000	4100 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	0.0008 E	0.058	0.01 E	0.00045	0.00008 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	0.014	0.017 E	0.063	0.078 E	1.4	1.7 E	6.3	7.8 E	14	17 E	63	78 E	NA
NITROSODI-N-PROPYLAMINE, N-	621-64-7	0.01	0.0014 E	0.049	0.0068 E	1	0.14 E	4.9	0.68 E	10	1.4 E	49	6.8 E	NA
NITROSODIPHENYLAMINE, N-	86-30-6	15	23 E	69	110 E	1500	2300 E	3500	5500 E	3500	5500 E	3500	5500 E	30
NITROSO-N-ETHYLUREA, N-	759-73-9	0.00084	0.000097 E	0.013	0.0015 E	0.08	0.0097 E	1.3	0.15 E	0.8	0.097 E	13	1.5 E	NA
OCTYL PHTHALATE, DI-N-	117-84-0	42	10000 C	120	10000 C	300	10000 C	300	10000 C	300	10000 C	300	10000 C	5

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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	
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	25	150 E	70	410 E	2000	10000 C	2000	10000 C	25	150 E	70	410 E	15
PCB-1016 (AROCLOR)	12674-11-2	0.037	10 E	0.17	47 E	4	1000 E	17	4700 E	0.04	10 E	0.17	47 E	10
PCB-1221 (AROCLOR)	11104-28-2	0.037	0.18 E	0.17	0.83 E	3.7	18 E	17	83 E	0.037	0.18 E	0.17	0.83 E	20
PCB-1232 (AROCLOR)	11141-16-5	0.037	0.14 E	0.17	0.7 E	3.7	14 E	17	66 E	0.037	0.14 E	0.17	0.7 E	20
PCB-1242 (AROCLOR)	53469-21-9	0.037	4 E	0.17	20 E	3.7	440 E	10	1200 E	0.037	4 E	0.17	20 E	10
PCB-1248 (AROCLOR)	12672-29-6	0.037	18 E	0.17	81 E	3.7	1800 E	5.4	2600 E	0.037	18 E	0.17	81 E	10
PCB-1254 (AROCLOR)	11097-69-1	0.037	75 E	0.17	340 E	3.7	7500 E	5.7	10000 C	0.037	75 E	0.17	340 E	5
PCB-1260 (AROCLOR)	11096-82-5	0.037	170 E	0.17	770 E	3.7	17000 E	8	36000 E	0.037	170 E	0.17	770 E	5
PEBULATE	1114-71-2	210	350 E	580	980 E	9200	10000 C	9200	10000 C	210	350 E	580	980 E	30
PENTACHLOROBENZENE	608-93-5	3.3	260 E	9.3	750 E	74	5900 E	74	5900 E	74	5900 E	74	5900 E	10
PENTACHLOROETHANE	76-01-7	0.81	3.9 E	3.8	19 E	81	390 E	380	1900 E	0.81	3.9 E	3.8	19 E	20
PENTACHLORONITROBENZENE	82-68-8	0.28	6 E	1	26 E	28	560 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
PHENACETIN	62-44-2	33	13 E	150	58 E	3300	1300 E	15000	5800 E	33000	13000 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	4200	6400 E	12	18 E	420	640 E	1200	1800 E	4.2	6.4 E	12	18 E	30
PHENYLENEDIAMINE, M-	108-45-2	25	3.5 E	70	9.9 E	2500	350 E	7000	990 E	25000	3500 E	70000	9900 E	NA
PHENYLPHENOL, 2-	90-43-7	38	550 E	180	2600 E	3800	55000 E	18000	190000 C	38000	190000 C	70000	190000 C	15
PHORATE	298-02-2	0.83	1.8 E	2	4.9 E	83	180 E	230	490 E	0.83	1.8 E	2	4.9 E	30
PHTHALIC ANHYDRIDE	85-44-9	8300	2600 E	23000	7100 E	190000	190000 C	190000	190000 C	190000	190000 C	190000	190000 C	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	310	190 E	880	540 E	1500	920 E	1500	920 E	310	190 E	880	540 E	NA
PROPANIL	709-98-8	21	11 E	58	30 E	2100	1100 E	5800	3000 E	21	11 E	58	30 E	NA
PROPANOL, 2- (ISOPROPYL ALCOHOL)	67-63-0	42	7.3 E	180	31 E	4200	730 E	10000	3100 E	42	7 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	0.3	0.052 E	1.4	0.24 E	30	5.2 E	140	24 E	0.3	0.052 E	1.4	0.24 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
PYRIDINE	110-86-1	4.2	0.47 E	12	1.3 E	420	47 E	1200	130 E	42	4.7 E	120	13 E	NA
QUINOLINE	91-22-5	0.024	0.081 E	0.11	0.37 E	2.4	8.1 E	11	37 E	24	81 E	110	370 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	8300	970 E	23000	2700 E	190000	97000 E	190000	190000 C	8300	970 E	23000	2700 E	NA
RONNEL	299-84-3	210	330 E	580	910 E	4000	6200 E	4000	6200 E	210	330 E	580	910 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	1.3	1.1 E	3.5	2.8 E	130	110 E	350	280 E	1300	1100 E	3500	2800 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	1.3	6 E	3.5	16 E	58	270 E	58	270 E	58	270 E	58	270 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	
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
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	0.08	0.026 E	0.43	0.13 E	8	2.6 E	43	13 E	8	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	2000 E	350	5500 E	13000	190000 C	18000	190000 C	18000	190000 C	18000	190000 C	15
TETRAETHYL LEAD	78-00-2	0.00042	0.0052 E	0.0012	0.015 E	0.042	0.52 E	0.1	1.5 E	0.42	0.52 E	1	15 E	15
TETRAETHYLDITHIOPYROPHOSPHATE	3689-24-5	2.1	3.1 E	5.8	8.6 E	210	310 E	580	860 E	2.1	3.1 E	5.8	8.6 E	30
TETRAHYDROFURAN	109-99-9	2.6	0.57 E	13	2.8 E	260	57 E	1300	280 E	2.6	0.57 E	13	2.8 E	NA
THIOFANOX	39196-18-4	1.3	0.14 E	3.5	0.39 E	130	14 E	350	39 E	1.3	0.14 E	3.5	0.39 E	NA
THIRAM	137-26-8	21	55 E	58	150 E	2100	5500 E	3000	7800 E	21	55 E	58	150 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	4.6	2.1 E	21	9.7 E	460	210 E	2100	970 E	4.6	2.1 E	21	9.7 E	NA
TOLUIDINE, O-	95-53-4	4.6	5.2 E	21	24 E	460	520 E	2100	2400 E	4600	5200 E	10000	10000 C	NA
TOLUIDINE, P-	106-49-0	2.4	2.2 E	11	10 E	240	220 E	1100	1000 E	2.4	2.2 E	11	10 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	54	280 E	150	770 E	400	2000 E	400	2000 E	54	280 E	150	770 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	6300	10000 C	10000	10000 C	10000	10000 C	10000	10000 C	10000	10000 C	10000	10000 C	20
TRICHLOROACETIC ACID	76-03-9	2	0.32 E	2	0.32 E	200	32 E	200	32 E	2	0.32 E	2	0.332 E	NA
TRICHLOROBENZENE, 1,2,4-	120-82-1	7	27 E	7	27 E	700	2700 E	700	2700 E	4400	10000 C	4400	10000 C	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	420	2600 E	1200	7300 E	42000	190000 C	100000	190000 C	100000	190000 C	100000	190000 C	15
TRICHLOROPHENOL, 2,4,6-	88-06-2	4.2	12 E	12	34 E	420	1200 E	1200	3400 E	4200	12000 E	12000	34000 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	21	3.6 E	58	9.9 E	2100	360 E	5800	990 E	21	3.6 E	58	9.9 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	8300	1000 E	10000	2900 E	10000	10000 C	10000	10000 C	8300	1000 E	10000	2900 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	8.4 E	6.2	35 E	150	840 E	620	3500 E	150	840 E	620	3500 E	15
TRIMETHYLBENZENE, 1,3,5-	108-67-8	42	74 E	120	210 E	4200	7400 E	4900	8600 E	42	74 E	120	210 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	1.3	3.1 E	3.5	8.4 E	130	310 E	350	840 E	1300	3100 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	210	33 E	580	92 E	1000	160 E	1000	160 E	210	33 E	580	92 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	

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

APPENDIX A

Table 4 - Medium-Specific Concentrations (MSCs) for Inorganic Regulated Substances in Soil
A. Direct Contact Numeric Values

REGULATED SUBSTANCE	CASRN	Residential MSC 0-15 feet		Nonresidential MSCs			
				Surface Soil 0-2 feet		Subsurface Soil 2-15 feet	
ALUMINUM	7429-90-5	190000	C	190000	C	190000	C
ANTIMONY	7440-36-0	88	G	1300	G	190000	C
ARSENIC	7440-38-2	12	G	61	G	190000	C
BARIUM AND COMPOUNDS	7440-39-3	44000	G	190000	C	190000	C
BERYLLIUM	7440-41-7	440	G	6400	G	190000	C
BORON AND COMPOUNDS	7440-42-8	44000	G	190000	C	190000	C
CADMIUM	7440-43-9	110	G	1600	G	190000	C
CHROMIUM III	16065-83-1	190000	C	190000	C	190000	C
CHROMIUM VI	18540-29-9	4	G	220	G	20000	N
COBALT	7440-48-4	66	G	960	G	190000	N
COPPER	7440-50-8	8100	G	120000	G	190000	C
CYANIDE, FREE	57-12-5	130	G	1900	G	190000	C
FLUORIDE	16984-48-8	8800	G	130000	G	190000	C
IRON	7439-89-6	150000	G	190000	C	190000	C
LEAD	7439-92-1	500	U	1000	S	190000	C
LITHIUM	7439-93-2	440	G	6400	G	190000	C
MANGANESE	7439-96-5	10000	G	150000	G	190000	C
MERCURY	7439-97-6	35	G	510	G	190000	C
MOLYBDENUM	7439-98-7	1100	G	16000	G	190000	C
NICKEL	7440-02-0	4400	G	64000	G	190000	C
PERCHLORATE	7790-98-9	150	G	2200	G	190000	C
SELENIUM	7782-49-2	1100	G	16000	G	190000	C
SILVER	7440-22-4	1100	G	16000	G	190000	C
STRONTIUM	7440-24-6	130000	G	190000	C	190000	C
THALLIUM	7440-28-0	2	G	32	G	190000	C
TIN	7440-31-5	130000	G	190000	C	190000	C
VANADIUM	7440-62-2	15	G	220	G	190000	C
ZINC	7440-66-6	66000	G	190000	C	190000	C

All concentrations in mg/kg
R - Residential
NR - Non-Residential
G - Ingestion
N - Inhalation
C - Cap
U - UBK Model
S - SEGH Model

APPENDIX A

Table 4 - Medium-Specific Concentrations (MSCs) for Inorganic Regulated Substances in Soil

B. Soil to Groundwater Numeric Values[1]

REGULATED SUBSTANCE	CASRN	Used Aquifers								Nonuse Aquifers				Soil Buffer Distance
		TDS < = 2500				TDS > 2500								
		R		NR		R		NR		R		NR		
		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	(feet)
ANTIMONY	7440-36-0	0.6	27	0.6	27	60	2700	60	2700	600	27000	600	27000	15
ARSENIC	7440-38-2	1	29	1	29	100	2900	100	2900	1000	29000	1000	29000	15
BARIUM AND COMPOUNDS	7440-39-3	200	8200	200	8200	20000	190000	20000	190000	190000	190000	190000	190000	15
BERYLLIUM	7440-41-7	0.4	320	0.4	320	40	32000	40	32000	400	190000	400	190000	10
BORON AND COMPOUNDS	7440-42-8	600	1900	600	1900	60000	190000	60000	190000	190000	190000	190000	190000	30
CADMIUM	7440-43-9	0.5	38	0.5	38	50	3800	50	3800	500	38000	500	38000	15
CHROMIUM (III)	16065-83-1	10	190000	10	190000	1000	190000	1000	190000	10000	190000	10000	190000	5
CHROMIUM (VI)	18540-29-9	10	190	10	190	1000	19000	1000	19000	10000	190000	10000	190000	15
COBALT	7440-48-4	1	59	4	160	130	5900	350	16000	1300	59000	3500	160000	15
COPPER	7440-50-8	100	43000	100	43000	10000	190000	10000	190000	100000	190000	100000	190000	10
CYANIDE, FREE	57-12-5	20	200	20	200	2000	20000	2000	20000	20000	190000	20000	190000	20
FLUORIDE	16984-48-8	400	44	400	44	40000	4400	40000	4400	190000	44000	190000	44000	NA
LEAD	7439-92-1	0.5	450	0.5	450	50	45000	50	45000	500	190000	500	190000	10
LITHIUM	7439-93-2	8	2500	23	6900	830	190000	2300	190000	8300	190000	23000	190000	10
MANGANESE	7439-96-5	30	2000	30	2000	3000	190000	3000	190000	30000	190000	30000	190000	15
MERCURY	7439-97-6	0.2	10	0.2	10	20	1000	20	1000	200	10000	200	10000	15
MOLYBDENUM	7439-98-7	4	650	4	650	400	65000	400	65000	4000	190000	4000	190000	15
NICKEL	7440-02-0	10	650	10	650	1000	65000	1000	65000	10000	190000	10000	190000	15
PERCHLORATE	7790-98-9	1.5	0.17	1.5	0.17	150	17	150	17	1500	170	1500	170	NA
SELENIUM	7782-49-2	5	26	5	26	500	2600	500	2600	5000	26000	5000	26000	20
SILVER	7440-22-4	10	84	10	84	1000	8400	1000	8400	10000	84000	10000	84000	20
STRONTIUM	7440-24-6	400	44	400	44	40000	4400	40000	4400	190000	44000	190000	44000	NA
THALLIUM	7440-28-0	0.2	14	0.2	14	20	1400	20	1400	200	14000	200	14000	15
TIN	7440-31-5	2500	190000	7000	190000	190000	190000	190000	190000	190000	190000	190000	190000	10
VANADIUM	7440-62-2	0.29	290	0.82	820	29	29000	82	82000	290	190000	820	190000	5
ZINC	7440-66-6	200	12000	200	12000	20000	190000	20000	190000	190000	190000	190000	190000	15

[1] For other options see Section 250.308

All concentrations in mg/kg

R - Residential

NR - Non-Residential

G - Ingestion

H - Inhalation
C - Cap
U - UBK Model
S - SEGH Model
NA - Not Applicable