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Appendix A
Table 1 – Medium-Specific Concentrations (MSCs) for Organic Regulated Substances in Groundwater

Regulated Substance	CASRN	Used Aquifers				Nonuse Aquifers	
		TDS ≤ 2500 mg/L		TDS > 2500 mg/L			
		R	NR	R	NR	R	NR
ACENAPHTHENE	83-32-9	**[2,500] 2,100** G	3,800 S	3,800 S	3,800 S	3,800 S	3,800 S
ACENAPHTHYLENE	208-96-8	**[2,500] 2,100** G	**[7,000] 5,800** G	16,000 S	16,000 S	16,000 S	16,000 S
ACEPHATE	30560-19-1	**[84] 42** G	**[390] 120** G	**[8,400] 4,200** G	**[39,000] 12,000** G	**[84] 42** G	**[390] 120** G
ACETALDEHYDE	75-07-0	19 N	79 N	1,900 N	7,900 N	19 N	79 N
ACETONE	67-64-1	**[38,000] 31,000** G	**[110,000] 88,000** G	**[3,800,000] 3,100,000** G	**[11,000,000] 8,800,000** G	**[380,000] 310,000** G	**[1,100,000] 880,000** G
ACETONITRILE	75-05-8	130 N	530 N	13,000 N	53,000 N	1,300 N	5,300 N
ACETOPHENONE	98-86-2	**[4,200] 3,500** G	**[12,000] 9,700** G	**[420,000] 350,000** G	**[1,200,000] 970,000** G	**[4,200] 3,500** G	**[12,000] 9,700** G
ACETYLAMINOFLUORENE, 2- (2AAF)	53-96-3	**[0.19] 0.17** G	**[0.89] 0.72** G	**[19] 17** G	**[89] 72** G	**[190] 170** G	**[890] 720** 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	3,000 M	3,000 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] 0.038** G	**[0.2] 0.16** G	**[4.3] 3.8** G	**[20] 16** 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	6,000 H	6,000 H	60 H	60 H
AMINOBIPHENYL, 4-	92-67-1	**[0.035] 0.031** G	**[0.16] 0.13** G	**[3.5] 3.1** G	**[16] 13** G	**[35] 31** G	**[160] 130** G
AMITROLE	61-82-5	**[0.78] 0.69** G	**[3.6] 2.9** G	**[78] 69** G	**[360] 290** G	**[780] 690** G	**[3,600] 2,900** G
AMMONIA	7664-41-7	30,000 H	30,000 H	3,000,000 H	3,000,000 H	30,000 H	30,000 H
AMMONIUM SULFAMATE	7773-06-0	2,000 H	2,000 H	200,000 H	200,000 H	2,000 H	2,000 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

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		R	NR	R	NR	R	NR
ATRAZINE	1912-24-9	3 M	3 M	300 M	300 M	3 M	3 M
AZINPHOS-METHYL (GUTHION)	86-50-0	**[130] 52** G	**[350] 150** G	**[13,000] 5,200** G	**[32,000] 15,000** **[S] G**	**[130] 52** G	**[350] 150** G
BAYGON (PROPOXUR)	114-26-1	3 H	3 H	300 H	300 H	3,000 H	3,000 H
BENOMYL	17804-35-2	**[2,000] 270** **[S] G**	**[2,000] 1,100** **[S] G**	2,000 S	2,000 S	**[2,000] 270** **[S] G**	**[2,000] 1,100** **[S] G**
BENTAZON	25057-89-0	200 H	200 H	20,000 H	20,000 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] 0.00092** G	**[0.015] 0.012** G	**[0.098] 0.092** G	**[1.5] 1.2** G	**[0.98] 0.92** G	**[15] 12** G
BENZO[A]ANTHRACENE	56-55-3	**[0.32] 0.3** G	**[4.9] 3.9** 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
BENZO[B]FLUORANTHENE	205-99-2	**[0.19] 0.18** 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] 0.18** G	0.55 S	0.55 S	0.55 S	0.55 S	0.55 S
BENZOIC ACID	65-85-0	**[170,000] 140,000** G	**[470,000] 390,000** G	2,700,000 S	2,700,000 S	**[170,000] 140,000** G	**[470,000] 390,000** G
BENZOTRICHLORIDE	98-07-7	**[0.056] 0.05** G	**[0.26] 0.21** G	**[5.6] 5** G	**[26] 21** G	**[56] 5** G	**[260] 21** G
BENZYL ALCOHOL	100-51-6	**[4,200] 3,500** G	**[12,000] 9,700** G	**[420,000] 350,000** G	**[1,200,000] 970,000** G	**[4,200] 3,500** G	**[12,000] 9,700** 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] 0.1** G	**[0.54] 0.43** G	**[12] 10** G	**[54] 43** G	**[120] 100** G	**[540] 430** G
BHC, BETA-	319-85-7	**[0.41] 0.36** G	**[1.9] 1.5** G	**[41] 36** 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] 0.84** **[G] N**	**[430] 3.5** **[G] N**	**[7,200] 84** **[S] N**	**[7,200] 350** **[S] N**	**[7,200] 84** **[S] N**	**[7,200] 350** **[S] N**
BIS(2-CHLOROETHOXY)METHANE	111-91-1	**[130] 100** G	**[350] 290** G	**[13,000] 10,000** G	**[35,000] 29,000** G	**[130] 100** G	**[350] 290** G
BIS(2-CHLOROETHYL)ETHER	111-44-4	0.15 N	0.76 N	15 N	76 N	15 N	76 N

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		R	NR	R	NR	R	NR
BIS(2-CHLORO-ISOPROPYL)ETHER	108-60-1	300 H	300 H	30,000 H	30,000 H	30,000 H	30,000 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	**[2,100] 1,700** G	**[5,800] 4,900** G	120,000 S	120,000 S	120,000 S	120,000 S
BROMACIL	314-40-9	70 H	70 H	7,000 H	7,000 H	70 H	70 H
BROMOBENZENE	**108-86-1**	**0.06 H**	**0.06 H**	**6 H**	**6 H**	**0.06 H**	**0.06 H**
BROMOCHLOROMETHANE	74-97-5	90 H	90 H	9,000 H	9,000 H	90 H	90 H
BROMODICHLOROMETHANE (THM)	75-27-4	80 M	80 M	8,000 M	8,000 M	80 M	80 M
BROMOMETHANE	74-83-9	10 H	10 H	1,000 H	1,000 H	1,000 H	1,000 H
BROMOXYNIL	1689-84-5	**[830] 6.3** G	**[2,300] 26** G	**[83,000] 630** G	**[130,000] 2,600 [S] G**	**[830] 6.3** G	**[2,300] 26** G
BROMOXYNIL OCTANOATE	1689-99-2	**[80] 6.3 [S] G**	**[80] 26 [S] G**	80 S	80 S	80 S	80 S
BUTADIENE, 1,3-	106-99-0	**[0.21] 1.1** G	**[1] 4.5** G	**[21] 110** G	**[100] 450** G	**[21] 110** G	**[100] 450** G
BUTYL ALCOHOL, N-	71-36-3	**[4,200] 3,500** G	**[12,000] 9,700** G	**[420,000] 350,000** G	**[1,200,000] 970,000** G	**[42,000] 35,000** G	**[120,000] 97,000** G
BUTYLATE	2008-41-5	400 H	400 H	40,000 H	40,000 H	400 H	400 H
BUTYLBENZENE, N-	104-51-8	**[2,100] 1,700** G	**[5,800] 4,900** G	15,000 S	15,000 S	**[2,100] 1,700** G	**[5,800] 4,900** G
BUTYLBENZENE, SEC-	135-98-8	**[4,200] 3,500** G	**[12,000] 9,700** G	17,000 S	17,000 S	**[4,200] 3,500** G	**[12,000] 9,700** G
BUTYLBENZENE, TERT-	98-06-6	**[4,200] 3,500** G	**[12,000] 9,700** G	30,000 S	30,000 S	**[4,200] 3,500** G	**[12,000] 9,700** G
BUTYLBENZYL PHTHALATE	85-68-7	**[380] 340** G	**[1,800] 1,400** G	2,700 S	2,700 S	2,700 S	2,700 S
CAPTAN	133-06-2	**[320] 280** G	500 S	500 S	500 S	500 S	500 S
CARBARYL	63-25-2	**[4,200] 3,500** G	**[12,000] 9,700** G	120,000 S	120,000 S	120,000 S	120,000 S
CARBAZOLE	86-74-8	**[37] 33** G	**[170] 140** G	1,200 S	1,200 S	**[37] 33 [S] G**	**[170] 140 [S] G**
CARBOFURAN	1563-66-2	40 M	40 M	4,000 M	4,000 M	40 M	40 M

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		R	NR	R	NR	R	NR
CARBON DISULFIDE	75-15-0	1,500 N	6,200 N	150,000 N	620,000 N	1,500 N	6,200 N
CARBON TETRACHLORIDE	56-23-5	5 M	5 M	500 M	500 M	50 M	50 M
CARBOXIN	5234-68-4	700 H	700 H	70,000 H	70,000 H	700 H	700 H
CHLORAMBEN	133-90-4	100 H	100 H	10,000 H	10,000 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	110,000 N	440,000 N	1,400,000 S	1,400,000 S	110,000 N	440,000 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] 10** G	240 G	**[1,100] 1,000** G	2.4 G	**[11] 10** G
[CHLOROACETOPHENONE, 2-]	**[532-27-4]**	**[1.3] [G]**	**[3.5] [G]**	**[130] [G]**	**[350] [G]**	**[1,300] [G]**	**[3,500] [G]**
CHLOROANILINE, P-	106-47-8	**[3.7] 3.3** G	**[17] 14** G	**[370] 330** G	**[1,700] 1,400** G	**[3.7] 3.3** G	**[17] 14** G
CHLOROBENZENE	108-90-7	100 M	100 M	10,000 M	10,000 M	10,000 M	10,000 M
CHLOROBENZILATE	510-15-6	**[6.6] 5.9** G	**[31] 25** G	**[660] 590** G	**[3,100] 2,500** G	**[6,600] 5,900** G	13,000 S
CHLOROBUTANE, 1-	109-69-3	**[1,700] 1,400** G	**[4,700] 3,900** G	**[170,000] 140,000** G	**[470,000] 390,000** G	**[1,700] 1,400** G	**[4,700] 3,900** G
CHLORODIBROMOMETHANE (THM)	124-48-1	80 M	80 M	8,000 M	8,000 M	8,000 M	8,000 M
CHLORODIFLUOROMETHANE	75-45-6	110,000 N	440,000 N	2,900,000 S	2,900,000 S	110,000 N	440,000 N
CHLOROETHANE	75-00-3	**[250] 21,000 [G] N**	**[1,200] 88,000 [G] N**	**[25,000] 2,100,000 [G] N**	**[20,000] 5,700,000 [G] S**	**[25,000] 2,100,000 [G] N**	**[120,000] 5,700,000 [G] S**
CHLOROFORM (THM)	67-66-3	80 M	80 M	8,000 M	8,000 M	800 M	800 M
CHLORONAPHTHALENE, 2-	91-58-7	**[3,300] 2,800** G	**[9,300] 7,800** G	12,000 S	12,000 S	**[3,300] 2,800** G	**[9,300] 7,800** G
CHLORONITROBENZENE, P-	100-00-5	**[42] 4.2 [G] N**	**[120] 18 [G] N**	**[4,200] 420 [G] N**	**[12,000] 1,800 [G] N**	**[42] 4.2 [G] N**	**[120] 18 [G] N**
CHLOROPHENOL, 2-	95-57-8	40 H	40 H	4,000 H	4,000 H	40 H	40 H
CHLOROPRENE	126-99-8	0.16 N	0.83 N	16 N	83 N	16 N	83 N

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CHLOROPROPANE, 2-	75-29-6	210 N	880 N	21,000 N	88,000 N	210 N	880 N
CHLOROTHALONIL	1897-45-6	**[240] 38** G	**[600] 160** **[S] G**	600 S	600 S	**[240] 38** G	**[600] 160** **[S] G**
CHLOROTOLUENE, O-	95-49-8	100 H	100 H	10,000 H	10,000 H	100 H	100 H
CHLOROTOLUENE, P-	106-43-4	100 H	100 H	10,000 H	10,000 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	**[2,100] 690** G	**[5,800] 1,900** G	**[190,000] 69,000** **[S] G**	190,000 **[S] G**	**[2,100] 690** G	**[5,800] 1,900** 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] 1.8** G	1.9 S	1.9 S	1.9 S	1.9 S	1.9 S
CRESOL(S)	1319-77-3	1,300 N	5,300 N	130,000 N	530,000 N	130,000 N	530,000 N
CRESOL, DINITRO-O-,4,6-	534-52-1	**[3.3] 2.8** G	**[9.3] 7.8** G	**[330] 280** G	**[930] 780** G	**[3,300] 280** G	**[9,300] 780** G
CRESOL, O- (METHYLPHENOL, 2-)	95-48-7	**[2,100] 1,700** G	**[5,800] 4,900** G	**[210,000] 170,000** G	**[580,000] 490,000** G	**[210,000] 170,000** G	**[580,000] 490,000** G
CRESOL, M (METHYLPHENOL, 3-)	108-39-4	**[2,100] 1,700** G	**[5,800] 4,900** G	**[210,000] 170,000** G	**[580,000] 490,000** G	**[2,100,000] 1,700,000** G	2,500,000 S
CRESOL, P (METHYLPHENOL, 4-)	106-44-5	**[210] 170** G	**[580] 490** G	**[21,000] 17,000** G	**[58,000] 49,000** G	**[210,000] 170,000** G	**[580,000] 490,000** G
CRESOL, P-CHLORO-M-	59-50-7	**[4,200] 3,500** G	**[12,000] 9,700** G	**[420,000] 350,000** G	**[1,200,000] 970,000** G	**[4,200] 3,500** G	**[12,000] 9,700** G
CROTONALDEHYDE	4170-30-3	**[0.38] 0.34** G	**[1.8] 1.4** G	**[38] 34** G	**[180] 140** G	**[38] 34** G	**[180] 140** G
CROTONALDEHYDE, TRANS-	123-73-9	**[0.38] 0.34** G	**[1.8] 1.4** G	**[38] 34** G	**[180] 140** G	**[38] 34** G	**[180] 140** G
CUMENE (ISOPROPYL BENZENE)	98-82-8	840 N	3,500 N	50,000 S	50,000 S	50,000 S	50,000 S
CYANAZINE	21725-46-2	1 H	1 H	100 H	100 H	1 H	1 H
CYCLOHEXANE	110-82-7	13,000 N	53,000 N	55,000 S	55,000 S	13,000 N	53,000 N
CYCLOHEXANONE	108-94-1	1,500 N	6,200 N	150,000 N	620,000 N	1,500 N	6,200 N
CYFLUTHRIN	68359-37-5	1 S	1 S	1 S	1 S	1 S	1 S
CYROMAZINE	66215-27-8	**[310] 17,000** G	**[880] 49,000** G	**[31,000] 1,700,000** G	**[88,000] 4,900,000** G	**[310] 17,000** G	**[880] 49,000** G
DDD, 4,4'-	72-54-8	**[3] 2.7** G	**[14] 11** G	160 S	160 S	160 S	160 S

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		R	NR	R	NR	R	NR
DDE, 4,4'-	72-55-9	**[2.1] 1.9** G	**[10] 8** G	40 S	40 S	40 S	40 S
DDT, 4,4'-	50-29-3	**[2.1] 1.9** 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	40,000 M	40,000 M	200,000 S	200,000 S
DIALLATE	2303-16-4	**[12] 11** G	**[56] 45** G	**[1,200] 1,100** G	**[5,600] 4,500** G	**[12,000] 11,000** G	40,000 S
DIAMINOTOLUENE, 2,4-	95-80-7	**[0.18] 0.16** G	**[0.85] 0.68** G	**[18] 16** G	**[85] 68** G	**[180] 160** G	**[850] 680** 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] 0.052** G	0.6 S	0.6 S	0.6 S	0.6 S	0.6 S
DIBENZOFURAN	132-64-9	**[42] 35** G	**[120] 97** G	**[4,200] 3,500** G	4,500 S	**[4,500] 3,500** **[S] G**	4,500 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] 350** G	**[1,200] 970** G	20,000 S	20,000 S	**[420] 350** G	**[1,200] 970** 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	3,500 N	840 N	3,500 N
DIBUTYL PHTHALATE, N-	84-74-2	**[4,200] 3,500** G	**[12,000] 9,700** G	**[400,000] 350,000** **[S] G**	400,000 S	400,000 S	400,000 S
DICAMBA	1918-00-9	4,000 H	4,000 H	400,000 H	400,000 H	4,000 H	4,000 H
DICHLOROACETIC ACID (HAA)	7**[6]9**-43-6	60 M	60 M	6,000 M	6,000 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	60,000 M	60,000 M	60,000 M	60,000 M
DICHLOROBENZENE, 1,3-	541-73-1	600 H	600 H	60,000 H	60,000 H	60,000 H	60,000 H
DICHLOROBENZENE, P-	106-46-7	75 M	75 M	7,500 M	7,500 M	7,500 M	7,500 M
DICHLOROBENZIDINE, 3,3'-	91-94-1	**[1.6] 1.4** G	**[7.6] 6** G	**[160] 140** G	**[760] 600** G	**[1,600] 1,400** G	3,100 S
DICHLORODIFLUOROMETHANE (FREON 12)	75-71-8	1,000 H	1,000 H	100,000 H	100,000 H	100,000 H	100,000 H
DICHLOROETHANE, 1,1-	75-34-3	31 N	160 N	3,100 N	16,000 N	310 N	1,600 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

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		R	NR	R	NR	R	NR
DICHLOROETHYLENE, CIS-1,2-	156-59-2	70 M	70 M	7,000 M	7,000 M	700 M	700 M
DICHLOROETHYLENE, TRANS-1,2-	156-60-5	100 M	100 M	10,000 M	10,000 M	1,000 M	1,000 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	2,000 H	2,000 H	20,000 H	20,000 H
DICHLOROPHENOXYACETIC ACID, 2,4- (2,4-D)	94-75-7	70 M	70 M	7,000 M	7,000 M	70,000 M	70,000 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] 6.5** G	**[34] 27** G	**[730] 650** G	**[3,400] 2,700** G	**[730] 650** G	**[3,400] 2,700** G
DICHLOROPROPIONIC ACID, 2,2- (DALAPON)	75-99-0	200 M	200 M	20,000 M	20,000 M	20,000 M	20,000 M
DICHLORVOS	62-73-7	**[2.5] 2.2** G	**[12] 9.4** G	**[250] 220** G	**[1,200] 940** G	**[2.5] 2.2** G	**[12] 9.4** 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] 0.041** G	**[0.21] 0.17** G	**[4.6] 4.1** G	**[21] 17** G	**[46] 41** G	170 S
DIETHYL PHTHALATE	84-66-2	**[33,000] 28,000** G	**[93,000] 78,000** G	1,100,000 S	1,100,000 S	1,100,000 S	1,100,000 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	60,000 H	60,000 H	600 H	600 H
DIMETHOATE	60-51-5	**[8.3] 76** G	**[23] 210** G	**[830] 7,600** G	**[2,300] 21,000** G	**[8,300] 76,000** G	**[23,000] 210,000** G
DIMETHOXYBENZIDINE, 3,3-	119-90-4	**[0.46] 0.41** G	**[2] 1.7** G	**[46] 41** G	**[210] 170** G	**[460] 410** G	**[2,100] 1,700** G
DIMETHRIN	70-38-2	36 S	36 S	36 S	36 S	36 S	36 S
DIMETHYLAMINOAZOBENZENE, P-	60-11-7	**[0.16] 0.14** G	**[0.74] 0.59** G	**[16] 14** G	**[74] 59** G	**[160] 140** G	**[740] 590** G
DIMETHYLANILINE, N,N-	121-69-7	**[83] 24** G	**[230] 100** G	**[8,300] 2,400** G	**[23,000] 10,000** G	**[8,300] 2,400** G	**[23,000] 10,000** G
DIMETHYLBENZIDINE, 3,3-	119-93-7	**[0.066] 0.059** G	**[0.31] 0.25** G	**[6.6] 5.9** G	**[31] 25** G	**[66] 59** G	**[310] 250** G
DIMETHYL METHYLPHOSPHONATE	756-79-6	100 H	100 H	10,000 H	10,000 H	100 H	100 H
DIMETHYLPHENOL, 2,4-	105-67-9	**[830] 690** G	**[2,300] 1,900** G	**[83,000] 69,000** G	**[230,000] 190,000** G	**[830,000] 690,000** G	**[2,300,000] 1,900,000** G
DINITROBENZENE, 1,3-	99-65-0	1 H	1 H	100 H	100 H	1,000 H	1,000 H

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		R	NR	R	NR	R	NR
DINITROPHENOL, 2,4-	51-28-5	**[83] 69** G	**[230] 190** G	**[8,300] 6,900** G	**[23,000] 19,000** G	**[83,000] 69,000** G	**[230,000] 190,000** G
DINITROTOLUENE, 2,4-	121-14-2	**[2.4] 2.1** G	**[11] 8.8** G	**[240] 210** G	**[1,100] 880** G	**[2,400] 2,100** G	**[11,000] 8,800** G
DINITROTOLUENE, 2,6- (2,6-DNT)	606-20-2	**[0.49] 0.43** G	**[2] 1.8** G	**[49] 43** G	**[230] 180** G	**[490] 430** G	**[2,300] 1,800** G
DINOSEB	88-85-7	7 M	7 M	700 M	700 M	7,000 M	7,000 M
DIOXANE, 1,4-	123-91-1	**[6.4] 6.5 [N] G**	**[32] 27 [N] G**	**[640] 650 [N] G**	**[3,200] 2,700 [N] G**	**[64] 65 [N] G**	**[320] 270 [N] G**
DIPHENAMID	957-51-7	200 H	200 H	20,000 H	20,000 H	200 H	200 H
DIPHENYLAMINE	122-39-4	**[1,000] 3,500** G	**[2,900] 9,700** G	**[100,000] 300,000 [G] S**	**[290,000] 300,000 [G] S**	300,000 S	300,000 S
DIPHENYLHYDRAZINE, 1,2-	122-66-7	**[0.91] 0.22 [G] N**	**[4.3] 1.1 [G] N**	**[91] 22 [G] N**	**[250] 110 [S] N**	**[250] 22 [S] N**	**[250] 110 [S] N**
DIQUAT	85-00-7	20 M	20 M	2,000 M	2,000 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	8,000 H	8,000 H	80 H	80 H
DIURON	330-54-1	**[83] 69** G	**[230] 190** G	**[8,300] 6,900** G	**[23,000] 19,000** G	**[83] 69** G	**[230] 190** G
ENDOSULFAN	115-29-7	**[250] 210** G	480 S	480 S	480 S	480 S	480 S
ENDOSULFAN I (APLHA)	959-98-8	**[250] 210** G	500 S	500 S	500 S	**[250] 210** G	500 S
ENDOSULFAN II (BETA)	33213-65-9	**[250] 210** G	450 S	450 S	450 S	**[250] 210** 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	10,000 M	10,000 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] 170** G	**[580] 490** G	**[21,000] 17,000** G	**[58,000] 49,000** G	**[210] 170** G	**[580] 490** G
ETHION	563-12-2	**[21] 17** G	**[58] 49** G	850 S	850 S	**[21] 17** G	**[58] 49** G
ETHOXYETHANOL, 2- (EGEE)	110-80-5	420 N	1,800 N	42,000 N	180,000 N	42,000 N	180,000 N

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		R	NR	R	NR	R	NR
ETHYL ACETATE	141-78-6	150 [G] N	620 [G] N	[150,000] 15,000 [G] N	62,000 [G] N	[150,000] 15,000 [G] N	62,000 [G] N
ETHYL ACRYLATE	140-88-5	[15] 14 G	[70] 57 [N] G	[1,500] 1,400 G	[7,000] 5,700 [N] G	[1,500] 1,400 G	[7,000] 5,700 [N] G
ETHYL BENZENE	100-41-4	700 M	700 M	70,000 M	70,000 M	70,000 M	70,000 M
ETHYL DIPROPYLTHIOCARBAMATE, S- (EPTC)	759-94-4	[1,000] 1,700 G	[2,900] 4,900 G	[100,000] 170,000 G	[290,000] 370,000 [G] S	[1,000] 1,700 G	[2,900] 4,900 G
ETHYL ETHER	60-29-7	[8,300] 6,900 G	[23,000] 19,000 G	[830,000] 690,000 G	[2,300,000] 1,900,000 G	[8,300] 6,900 G	[23,000] 19,000 G
ETHYL METHACRYLATE	97-63-2	630 N	2,600 N	63,000 N	260,000 N	630 N	2,600 N
ETHYLENE CHLORHYDRIN	107-07-3	[830] 690 G	[2,300] 1,900 G	[83,000] 69,000 G	[230,000] 190,000 G	[830] 690 G	[2,300] 1,900 G
ETHYLENE GLYCOL	107-21-1	14,000 H	14,000 H	1,400,000 H	1,400,000 H	1,400,000 H	1,400,000 H
ETHYLENE THIOUREA (ETU)	96-45-7	[3.3] 2.8 G	[9.3] 7.8 G	[330] 280 G	[930] 780 G	[3,300] 2,800 G	[9,300] 7,800 G
ETHYLP-NITROPHENYL PHENYLPHOSPHOROTHIOATE	2104-64-5	[0.42] 0.35 G	[1] 0.97 G	[42] 35 G	[120] 97 G	[0.42] 0.35 G	[1.2] 0.97 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	9,000 H	9,000 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	[1,700] 1,400 G	1,900 S	1,900 S	1,900 S	1,900 S	1,900 S
FLUOROTRICHLOROMETHANE (FREON 11)	75-69-4	2,000 H	2,000 H	200,000 H	200,000 H	200,000 H	200,000 H
FONOFOS	944-22-9	10 H	10 H	1,000 H	1,000 H	10 H	10 H
FORMALDEHYDE	50-00-0	1,000 H	1,000 H	100,000 H	100,000 H	100,000 H	100,000 H
FORMIC ACID	64-18-6	0.63 N	2.6 N	63 N	260 N	6.3 N	26 N

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		R	NR	R	NR	R	NR
FOSETYL-AL	39148-24-8	**[130,000] 87,000** G	**[350,000] 240,000** G	**[13,000,000] 8,700,000** G	**[35,000,000] 24,000,000** G	**[130,000] 87,000** G	**[350,000] 240,000** G
FURAN	110-00-9	**[42] 35** G	**[120] 97** G	**[4,200] 3,500** G	**[12,000] 9,700** G	**[4,200] 3,500** G	**[12,000] 9,700** G
FURFURAL	98-01-1	**[110] 19 [N] G**	**[350] 78** G	**[11,000] 1,900 [N] G**	**[35,000] 7,800** G	**[110] 19 [N] G**	**[350] 78** G
GLYPHOSATE	1071-83-6	700 M	700 M	70,000 M	70,000 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] 8.4** G	**[44] 35** G	**[940] 840** G	2,900 S	2,900 S	2,900 S
HEXACHLOROCYCLOPENTADIENE	77-47-4	50 M	50 M	1,800 S	1,800 S	1,800 S	1,800 S
HEXACHLOROETHANE	67-72-1	1 H	1 H	100 H	100 H	100 H	100 H
HEXANE	110-54-3	1,500 N	**[6,200] 5,800 [N] G**	9,500 S	9,500 S	1,500 N	**[6,200] 5,800 [N] G**
HEXAZINONE	51235-04-2	400 H	400 H	40,000 H	40,000 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	5,000 S	5,000 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] 11** G	**[57] 45** G	**[1,200] 1,100** G	**[5,700] 4,500** G	**[12,000] 11,000** G	**[57,000] 45,000** G
INDENO[1,2,3-CD]PYRENE	193-39-5	**[0.19] 0.18** G	**[2.8] 2.3** G	**[19] 18** G	62 S	62 S	62 S
IPRODIONE	36734-19-7	**[1,700] 15** G	**[4,700] 62** G	**[13,000] 1,500 [S] G**	**[13,000] 6,200 [S] G**	**[1,700] 15** G	**[4,700] 62** G
ISOBUTYL ALCOHOL	78-83-1	**[13,000] 10,000** G	**[35,000] 29,000** G	**[1,300,000] 1,000,000** G	**[3,500,000] 2,900,000** G	**[1,300,000] 1,000,000** G	**[3,500,000] 2,900,000** G
ISOPHORONE	78-59-1	100 H	100 H	10,000 H	10,000 H	100,000 H	100,000 H
ISOPROPYL METHYLPHOSPHONATE	1832-54-8	700 H	700 H	70,000 H	70,000 H	700 H	700 H

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KEPONE	143-50-0	**[0.073] 0.065** G	**[0.34] 0.27** G	**[7.3] 6.5** G	**[34] 27** G	**[73] 65** G	**[340] 270** G
MALATHION	121-75-5	500 H	500 H	50,000 H	50,000 H	140,000 S	140,000 S
MALEIC HYDRAZIDE	123-33-1	4,000 H	4,000 H	400,000 H	400,000 H	4,000 H	4,000 H
MANEB	12427-38-2	**[210] 11** G	**[580] 45** G	**[21,000] 1,100** G	**[23,000] 4,500 [S] G**	**[210] 11** G	**[580] 45** G
MERPHOS OXIDE	78-48-8	**[1.3] 35** G	**[3.5] 97** G	**[130] 2,300 [G] S**	**[350] 2,300 [G] S**	**[1.3] 35** G	**[3.5] 97** G
METHACRYLONITRILE	126-98-7	**[4.2] 3.5** G	**[12] 9.7** G	**[420] 350** G	**[1,200] 970** G	**[4.2] 3.5** G	**[12] 9.7** G
METHAMIDOPHOS	10265-92-6	**[2.1] 1.7** G	**[5.8] 4.9** G	**[210] 170** G	**[580] 490** G	**[2.1] 1.7** G	**[5.8] 4.9** G
METHANOL	67-56-1	**[8,400] 42,000** N	**[35,000] 180,000** N	**[840,000] 4,200,000** N	**[3,500,000] 18,000,000** N	**[840,000] 4,200,000** N	**[3,500,000] 18,000,000** N
METHOMYL	16752-77-5	200 H	200 H	20,000 H	20,000 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	4,200 N	18,000 N	**[42] 420** N	**[180] 1,800** N
METHYL ACETATE	79-20-9	**[42,000] 35,000** G	**[120,000] 97,000** G	**[4,200,000] 3,500,000** G	**[12,000,000] 9,700,000** G	**[42,000] 35,000** G	**[120,000] 97,000** G
METHYL ACRYLATE	96-33-3	42 N	180 N	4,200 N	18,000 N	4,200 N	18,000 N
METHYL CHLORIDE	74-87-3	30 H	30 H	3,000 H	3,000 H	3,000 H	3,000 H
METHYL ETHYL KETONE	78-93-3	4,000 H	4,000 H	400,000 H	400,000 H	400,000 H	400,000 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	**[3,300] 2,800** G	**[9,300] 7,800** G	**[330,000] 280,000** G	**[930,000] 780,000** G	**[330,000] 280,000** G	**[930,000] 780,000** 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	6,300 N	26,000 N	63 N	260 N
METHYL METHACRYLATE	80-62-6	1,500 N	6,200 N	150,000 N	620,000 N	150,000 N	620,000 N
METHYL METHANESULFONATE	66-27-3	**[7.4] 6.6** G	**[34] 27** G	**[740] 660** G	**[3,400] 2,700** G	**[7.4] 6.6** G	**[34] 27** G

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Regulated Substance	CASRN	Used Aquifers				Nonuse Aquifers	
		TDS ≤ 2500 mg/L		TDS > 2500 mg/L			
		R	NR	R	NR	R	NR
METHYL PARATHION	298-00-0	1 H	1 H	100 H	100 H	1,000 H	1,000 H
METHYL STYRENE (MIXED ISOMERS)	25013-15-4	84 N	350 N	8,400 N	35,000 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	3,000 H	3,000 H	30,000 H	30,000 H
METHYLENE BIS(2-CHLOROANILINE), 4,4'-	101-14-4	**[2.3] 2.1** G	**[34] 27** G	**[230] 210** G	**[3,400] 2,700** G	**[2.3] 2.1** G	**[34] 27** G
METHYLNAPHTHALENE, 2-	91-57-6	**[170] 6.3 [G] N**	**[470] 26 [G] N**	**[17,000] 630 [G] N**	**[25,000] 2,600 [S] N**	**[170] 6.3 [G] N**	**[470] 26 [G] N**
METHYLSTYRENE, ALPHA	98-83-9	**[2,900] 2,400** G	**[8,200] 6,800** G	**[290,000] 240,000** G	560,000 S	**[2,900] 2,400** G	**[8,200] 6,800** G
METOLACHLOR	51218-45-2	700 H	700 H	70,000 H	70,000 H	700 H	700 H
METRIBUZIN	21087-64-9	70 H	70 H	7,000 H	7,000 H	70 H	70 H
MEVINPHOS	**7786-34-7**	**0.87 G**	**2.4 G**	**87 G**	**240 G**	**0.87 G**	**2.4 G**
MONOCHLOROACETIC ACID (HAA)	79-11-8	60 H	60 H	6,000 H	6,000 H	60 H	60 H
NAPHTHALENE	91-20-3	100 H	100 H	10,000 H	10,000 H	**[30,000] 10,000 [S] H**	**[30,000] 10,000 [S] H**
NAPHTHYLAMINE, 1-	134-32-7	**[0.41] 0.36** G	**[1.9] 1.5** G	**[41] 36** G	**[190] 150** G	**[410] 36** G	**[1,900] 150** G
NAPHTHYLAMINE, 2-	91-59-8	**[0.41] 0.36** G	**[1.9] 1.5** G	**[41] 36** G	**[190] 150** G	**[410] 360** G	**[1,900] 1,500** G
NAPROPAMIDE	15299-99-7	4,200 G	12,000 G	70,000 S	70,000 S	4,200 G	12,000 G
NITROANILINE, O-	88-74-4	**[420] 0.11 [G] N**	**[1,200] 0.44 [G] N**	**[42,000] 11 [G] N**	**[120,000] 44 [G] N**	**[420] 0.11 [G] N**	**[1,200] 0.44 [G] N**
NITROANILINE, P-	100-01-6	**[37] 33** G	**[170] 140** G	**[3,700] 3,300** G	**[17,000] 14,000** G	**[37] 33** G	**[170] 140** G
NITROBENZENE	98-95-3	**[83] 1.2 [G] N**	**[230] 6.3 [G] N**	**[8,300] 120 [G] N**	**[23,000] 630 [G] N**	**[83,000] 120 [G] N**	**[230,000] 630 [G] N**
NITROGUANIDINE	556-88-7	700 H	700 H	70,000 H	70,000 H	700 H	700 H

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		R	NR	R	NR	R	NR
NITROPHENOL, 2-	88-75-5	**[330] 280** G	**[930] 780** G	**[33,000] 28,000** G	**[93,000] 78,000** G	**[330,000] 28,000** G	**[930,000] 78,000** G
NITROPHENOL, 4-	100-02-7	60 H	60 H	6,000 H	6,000 H	**[60,000] 6,000** H	**[60,000] 6,000** 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] 0.031 [G] N**	**[0.63] 0.16 [G] N**	**[14] 3.1 [G] N**	**[63] 16 [G] N**	**[140] 3.1 [G] N**	**[630] 16 [G] N**
NITROSODI-N-PROPYLAMINE, N-	621-64-7	**[0.1] 0.025 [G] N**	**[0.49] 0.13 [G] N**	**[10] 2.5 [G] N**	**[49] 13 [G] N**	**[100] 0.25 [G] N**	**[490] 1.3 [G] N**
NITROSODIPHENYLAMINE, N-	86-30-6	**[150] 19 [G] N**	**[690] 96 [G] N**	**[15,000] 1,900 [G] N**	**[35,000] 9,600 [S] N**	**[35,000] 1,900 [S] N**	**[35,000] 9,600 [S] N**
NITROSO-N-ETHYLUREA, N-	759-73-9	**[0.0084] 0.0079** G	**[0.13] 0.1** G	**[0.84] 0.79** G	**[13] 10** G	**[8.4] 7.9** G	**[130] 100** G
OCTYL PHTHALATE, DI-N-	117-84-0	**[420] 350** G	**[1,200] 970** G	3,000 S	3,000 S	3,000 S	3,000 S
OXAMYL (VYDATE)	23135-22-0	200 M	200 M	20,000 M	20,000 M	200 M	200 M
PARAQUAT	1910-42-5	30 H	30 H	3,000 H	3,000 H	30 H	30 H
PARATHION	56-38-2	**[250] 1** G	**[700] 2.9** G	**[20,000] 100 [S] G**	**[20,000] 290 [S] G**	**[250] 1** G	**[700] 2.9** G
PCBS, TOTAL (POLYCHLORINATED BIPHENYLS) (AROCLORS)	**1336-36-3**	**0.5 M**	**0.5 M**	**50 M**	**50 M**	**0.5 M**	**0.5 M**
PCB-1016 (AROCLOR)	12674-11-2	**[0.37] 2.4** G	**[1.7] 6.8** G	**[37] 240** G	**[170] 250 [G] S**	**[0.37] 2.4** G	**[1.7] 6.8** G
[PCB-1221 (AROCLOR)]	**[11104-28-2]**	**[0.37] [G]**	**[1.7] [G]**	**[37] [G]**	**[170] [G]**	**[0.37] [G]**	**[1.7] [G]**

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		R	NR	R	NR	R	NR
[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] 0.69** G	**[1.7] 1.9** G	**[37] 57 [G] S**	57 S	**[0.37] 0.69** G	**[1.7] 1.9** 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	**[2,100] 1,700** G	**[5,800] 4,900** G	92,000 S	92,000 S	**[2,100] 1,700** G	**[5,800] 4,900** G
PENTACHLOROBENZENE	608-93-5	**[33] 28** G	**[93] 78** G	740 S	740 S	740 S	740 S
PENTACHLOROETHANE	76-01-7	**[8.1] 7.2** G	**[38] 30** G	**[810] 720** G	**[3,800] 3,000** G	**[8.1] 7.2** G	**[38] 30** G
PENTACHLORONITROBENZENE	82-68-8	**[2.8] 2.5** G	**[13] 10** G	**[280] 250** G	440 S	440 S	440 S
PENTACHLOROPHENOL	87-86-5	1 M	1 M	100 M	100 M	1,000 M	1,000 M
PERFLUOROBUTANE SULFONATE (PFBS)	**375-73-5**	**690 G**	**1,900 G**	**69,000 G**	**190,000 G**	**690 G**	**1,900 G**
PERFLUOROOCTANE SULFONATE (PFOS)	**1763-23-1**	**0.07 H**	**0.07 H**	**7 H**	**7 H**	**0.07 H**	**0.07 H**
PERFLUOROOCTANOIC ACID (PFOA)	**335-67-1**	**0.07 H**	**0.07 H**	**7 H**	**7 H**	**0.07 H**	**0.07 H**
PHENACETIN	62-44-2	**[330] 300** G	**[1,500] 1,200** G	**[33,000] 30,000** G	**[150,000] 120,000** G	**[330,000] 300,000** G	760,000 S
PHENANTHRENE	85-01-8	1,100 S	1,100 S	1,100 S	1,100 S	1,100 S	1,100 S
PHENOL	108-95-2	2,000 H	2,000 H	200,000 H	200,000 H	200,000 H	200,000 H
PHENYL MERCAPTAN	108-98-5	**[42] 35** G	**[120] 97** G	**[4,200] 3,500** G	**[12,000] 9,700** G	**[42] 35** G	**[120] 97** G
PHENYLENEDIAMINE, M-	108-45-2	**[250] 210** G	**[700] 580** G	**[25,000] 21,000** G	**[70,000] 58,000** G	**[250,000] 210,000** G	**[700,000] 580,000** G
PHENYLPHENOL, 2-	90-43-7	**[380] 340** G	**[1,800] 1,400** G	**[38,000] 34,000** G	**[180,000] 140,000** G	**[380,000] 340,000** G	700,000 S

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		R	NR	R	NR	R	NR
PHORATE	298-02-2	**[8.3] 6.9** G	**[23] 19** G	**[830] 690** G	**[2,300] 1,900** G	**[8.3] 6.9** G	**[23] 19** G
PHTHALIC ANHYDRIDE	85-44-9	**[83,000] 42** [G] N	**[230,000] 180** [G] N	**[6,200,000] 4,200** [S] N	**[6,200,000] 18,000** [S] N	**[6,200,000] 4,200** [S] N	**[6,200,000] 18,000** [S] N
PICLORAM	1918-02-1	500 M	500 M	50,000 M	50,000 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	40,000 H	40,000 H	400 H	400 H
PRONAMIDE	23950-58-5	**[3,100] 2,600** G	**[8,800] 7,300** G	15,000 S	15,000 S	**[3,100] 2,600** G	**[8,800] 7,300** G
PROPACHLOR	**1918-16-7**	**0.1 H**	**0.1 H**	**10 H**	**10 H**	**10 H**	**10 H**
PROPANIL	709-98-8	**[210] 170** G	**[580] 490** G	**[21,000] 17,000** G	**[58,000] 49,000** G	**[210] 170** G	**[580] 490** G
PROPANOL, 2- (ISOPROPYL ALCOHOL)	67-63-0	420 N	1,800 N	42,000 N	180,000 N	420 N	1,800 N
PROPAZINE	139-40-2	10 H	10 H	1,000 H	1,000 H	10 H	10 H
PROPHAM	122-42-9	100 H	100 H	10,000 H	10,000 H	100 H	100 H
PROPYLBENZENE, N-	103-65-1	2,100 N	8,800 N	52,000 S	52,000 S	2,100 N	8,800 N
PROPYLENE OXIDE	75-56-9	**[3] 2.7** G	**[14] 11** G	**[300] 270** G	**[1,400] 1,100** G	**[3] 2.7** G	**[14] 11** G
PYRENE	129-00-0	130 S	130 S	130 S	130 S	130 S	130 S
PYRETHRUM	**8003-34-7**	**350 S**	**350 S**	**350 S**	**350 S**	**350 S**	**350 S**
PYRIDINE	110-86-1	**[42] 35** G	**[120] 97** G	**[4,200] 3,500** G	**[12,000] 9,700** G	**[420] 350** G	**[1,200] 970** G
QUINOLINE	91-22-5	**[0.24] 0.22** G	**[1.1] 0.91** G	**[24] 22** G	**[110] 91** G	**[240] 220** G	**[1,100] 910** 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	**[83,000] 69,000** G	**[230,000] 190,000** G	**[8,300,000] 6,900,000** G	**[23,000,000] 19,000,000** G	**[83,000] 69,000** G	**[230,000] 190,000** G
RONNEL	299-84-3	**[2,100] 1,700** G	**[5,800] 4,900** G	40,000 S	40,000 S	**[2,100] 1,700** G	**[5,800] 4,900** G

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SIMAZINE	122-34-9	4 M	4 M	400 M	400 M	4 M	4 M
STRYCHNINE	57-24-9	**[13] 10** G	**[35] 29** G	**[1,300] 1,000** G	**[3,500] 2,900** G	**[13,000] 10,000** G	**[35,000] 29,000** G
STYRENE	100-42-5	100 M	100 M	10,000 M	10,000 M	10,000 M	10,000 M
TEBUTHIURON	34014-18-1	500 H	500 H	50,000 H	50,000 H	500 H	500 H
TERBACIL	5902-51-2	90 H	90 H	9,000 H	9,000 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] 10** G	**[35] 29** 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	7,000 H	7,000 H	7,000 H	7,000 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	**[1,300] 1,000** G	**[3,500] 2,900** G	**[130,000] 100,000** G	180,000 S	180,000 S	180,000 S
TETRAETHYL LEAD	78-00-2	**[0.0042] 0.0035** G	**[0.012] 0.0097** G	**[0.42] 0.35** G	**[1] 0.97** G	**[4.2] 3.5** G	**[12] 9.7** G
TETRAETHYLDITHIOPYROPHOSPHATE	3689-24-5	**[21] 17** G	**[58] 49** G	**[2,100] 1,700** G	**[5,800] 4,900** G	**[21] 17** G	**[58] 49** G
TETRAHYDROFURAN	109-99-9	**[26] 25** N	130 N	**[2,600] 2,500** N	13,000 N	**[26] 25** N	130 N
THIOFANOX	39196-18-4	**[13] 10** G	**[35] 29** G	**[1,300] 1,000** G	**[3,500] 2,900** G	**[13] 10** G	**[35] 29** G
THIRAM	137-26-8	**[210] 520** G	**[580] 1,500** G	**[21,000] 30,000** **[G] S**	30,000 S	**[210] 520** G	**[580] 1,500** G
TOLUENE	108-88-3	1,000 M	1,000 M	100,000 M	100,000 M	100,000 M	100,000 M
TOLUIDINE, M-	108-44-1	**[46] 41** G	**[210] 170** G	**[4,600] 4,100** G	**[21,000] 17,000** G	**[46] 41** G	**[210] 170** G
TOLUIDINE, O	95-53-4	**[46] 41** G	**[210] 170** G	**[4,600] 4,100** G	**[21,000] 17,000** G	**[46,000] 41,000** G	**[210,000] 170,000** G
TOLUIDINE, P-	106-49-0	**[24] 22** G	**[110] 91** G	**[2,400] 2,200** G	**[11,000] 9,100** G	**[24] 22** G	**[110] 91** G
TOXAPHENE	8001-35-2	3 M	3 M	300 M	300 M	3 M	3 M

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TRIALLATE	2303-17-5[	**[540] 0.91** G	**[1,500] 3.8** G	**[4,000] 91** **[S] G**	**[4,000] 380** **[S] G**	**[540] 0.91** G	**[1,500] 3.8** G
TRIBROMOMETHANE (BROMOFORM) (THM)	75-25-2	80 M	80 M	8,000 M	8,000 M	8,000 M	8,000 M
TRICHLORO-1,2,2-TRIFLUOROETHANE, 1,1,2-	76-13-1	**[63,000] 11,000** N	**[170,000] 44,000** **[S] N**	170,000 S	170,000 S	170,000 S	170,000 S
TRICHLOROACETIC ACID (HAA)	76-03-9	60 **[H] M**	60 **[H] M**	6,000 **[H] M**	6,000 **[H] M**	60 **[H] M**	60 **[H] M**
TRICHLOROBENZENE, 1,2,4-	120-82-1	70 M	70 M	7,000 M	7,000 M	**[44,000] 7,000** **[S] M**	**[44,000] 7,000** **[S] M**
TRICHLOROBENZENE, 1,3,5-	108-70-3	40 H	40 H	4,000 H	4,000 H	40 H	40 H
TRICHLOROETHANE, 1,1,1-	71-55-6	200 M	200 M	20,000 M	20,000 M	2,000 M	2,000 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	**[4,200] 3,500** G	**[12,000] 9,700** G	**[420,000] 350,000** G	**[1,000,000] 970,000** **[S] G**	1,000,000 S	1,000,000 S
TRICHLOROPHENOL, 2,4,6-	88-06-2	**[42] 35** G	**[120] 97** G	**[4,200] 3,500** G	**[12,000] 9,700** G	**[42,000] 35,000** G	**[120,000] 97,000** G
TRICHLOROPHENOXYACETIC ACID, 2,4,5- (2,4,5-T)	93-76-5	70 H	70 H	7,000 H	7,000 H	70,000 H	70,000 H
TRICHLOROPHENOXYPROPIONIC ACID, 2,4,5- (2,4,5-TP)	93-72-1	50 M	50 M	5,000 M	5,000 M	50 M	50 M
TRICHLOROPROPANE, 1,1,2-	598-77-6	**[210] 170** G	**[580] 490** G	**[21,000] 17,000** G	**[58,000] 49,000** G	**[210] 170** G	**[580] 490** G
TRICHLOROPROPANE, 1,2,3-	96-18-4	40 H	40 H	4,000 H	4,000 H	4,000 H	4,000 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	1,500 N	6,200 N	15 N	62 N
TRIETHYLENE GLYCOL	112-27-6	**[83,000] 69,000** G	**[230,000] 190,000** G	**[8,300,000] 6,900,000** G	**[23,000,000] 19,000,000** G	**[83,000] 69,000** G	**[230,000] 190,000** G
TRIFLURALIN	1582-09-8	10 H	10 H	1,000 H	1,000 H	10 H	10 H

All concentrations in µg/L M = Maximum Contaminant Level N = Inhalation
R = Residential H = Lifetime health advisory level S = Aqueous solubility cap
NR = Non-Residential G = Ingestion
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.
PFOA and PFOS values listed are for individual or total combined.

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Appendix A
Table 1 – Medium-Specific Concentrations (MSCs) for Organic Regulated Substances in Groundwater

Regulated Substance	CASRN	Used Aquifers				Nonuse Aquifers	
		TDS ≤ 2500 mg/L		TDS > 2500 mg/L			
		R	NR	R	NR	R	NR
TRIMETHYLBENZENE, 1,3,4- (TRIMETHYLBENZENE, 1,2,4-)	95-63-6	**[15] 130** N	**[62] 530** N	**[1,500] 13,000** N	**[6,200] 53,000** N	**[1,500] 13,000** N	**[6,200] 53,000** N
TRIMETHYLBENZENE, 1,3,5-	108-67-8	**[420] 130 [G] N**	**[1,200] 530 [G] N**	**[42,000] 13,000 [G] N**	49,000 S	**[420] 130 [G] N**	**[1,200] 530 [G] N**
TRINITROGLYCEROL (NITROGLYCERIN)	55-63-0	5 H	5 H	500 H	500 H	**[5] 500** H	**[5] 500** 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	1,800 N	42,000 N	180,000 N	420 N	1,800 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] 10** G	**[35] 29** G	**[1,300] 1,000** G	**[3,500] 2,900** G	**[13,000] 10,000** G	17,000 S
XYLENES (TOTAL)	1330-20-7	10,000 M	10,000 M	180,000 S	180,000 S	180,000 S	180,000 S
ZINEB	12122-67-7	**[2,100] 1,700** G	**[5,800] 4,900** G	10,000 S	10,000 S	**[2,100] 1,700** G	**[5,800] 4,900** G

All concentrations in µg/L
R = Residential
NR = Non-Residential
M = Maximum Contaminant Level
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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.
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