Appendix A
Table 3 – Medium-Specific Concentrations (MSCs) for Organic Regulated Substances in Soil
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REGULATED SUBSTANCE	CASRN	Used Aquifers												Nonuse Aquifers						Soil Buffer Distance (feet)
		TDS ≤ 2500				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	[220] **250**		[2,700] **3,100**	E	380		4,700	E	380		4,700	E	380		4,700	E	380		4,700	E	380		4,700	E	15
ACENAPHTHYLENE	208-96-8	[220] **250**		[2,500] **2,800**	E	[610] **700**		[6,900] **8,000**	E	1,600		18,000	E	1,600		18,000	E	1,600		18,000	E	1,600		18,000	E	15
ACEPHATE	30560-19-1	[7.6] **8.4**		[0.9] **1.0**	E	[30] **39**		[3.6] **4.6**	E	[760] **840**		[90] **100**	E	[3,000] **3,900**		[360] **460**	E	[7.6] **8.4**		[0.9] **1.0**	E	[30] **39**		[3.6] **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	[3,300] **3,800**		[370] **430**	E	[9,200] **10,000**		[1,000] **1,200**	E	10,000		10,000	C	10,000		10,000	C	10,000		[3,700] **4,300**	E	10,000		10,000	C	NA
ACETONITRILE	75-05-8	13		1.5	E	53		6	E	1,300		150	E	5,300		600	E	130		15	E	530		60	E	NA
ACETOPHENONE	98-86-2	[370] **420**		[200] **230**	E	[1,000] **1,200**		[540] **640**	E	10,000		10,000	C	10,000		10,000	C	[370] **420**		[200] **230**	E	[1,000] **1,200**		[540] **640**	E	NA
ACETYLAMINOFLUORENE, 2- (2AAF)	53-96-3	[0.017] **0.019**		[0.07] **0.08**	E	[0.068] **0.089**		[0.28] **0.37**	E	[1.7] **1.9**		[7] **8**	E	[6.8] **8.9**		[28] **37**	E	[17] **19**		[70] **78**	E	[68] **89**		[280] **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	[0.0038] **0.019**		[0.0006] **0.0033**	E	[0.019] **0.25**		[0.003] **0.043**	E	[0.4] **1.9**		[0.07] **0.33**	E	[1.9] **25**		[0.33] **4.3**	E	[0.004] **0.019**		[0.0007] **0.0033**	E	[0.019] **0.25**		[0.0033] **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	[0.0039] **0.0043**		[0.47] **0.52**	E	[0.015] **0.02**		[1.8] **2.4**	E	[0.39] **0.43**		[47] **52**	E	[1.5] **2.0**		[180] **240**	E	2		240	E	2		240	E	10
ALLYL ALCOHOL	107-18-6	[0.063] **0.021**		[0.0075] **0.0025**	E	[0.26] **0.088**		[0.031] **0.01**	E	[6.3] **2.1**		[0.75] **0.25**	E	[26] **9**		[3.1] **1**	E	[6.3] **2.1**		[0.75] **0.25**	E	[26] **9**		[3.1] **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

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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	
AMINOBIPHENYL, 4-	92-67-1	[0.0031] **0.0035**	[0.0012] **0.0014** E	[0.012] **0.016**	[0.0046] **0.0062** E	[0.31] **0.35**	[0.12] **0.14** E	[1.2] **1.6**	[0.46] **0.62** E			[3.1] **3.5**	[1.2] **1.4** E	[12] **16**	[4.6] **6.2** E	NA
AMITROLE	61-82-5	[0.07] **0.078**	[0.029] **0.032** E	[0.28] **0.36**	[0.12] **0.15** E	[7] **8**	[2.9] **3.2** E	[28] **36**	[12] **15** E			[70] **78**	[29] **32** E	[280] **360**	[120] **150** E	NA
AMMONIA	7664-41-7	3,000	360 E	3,000	360 E	10,000	10,000 C	10,000	10,000 C			3,000	360 E	3,000	360 E	NA
AMMONIUM SULFAMATE	7773-06-0	200	24 E	200	24 E	20,000	2,400 E	20,000	2,400 E			200	24 E	200	24 E	NA
ANILINE	62-53-3	0.21	0.12 E	0.88	0.52 E	21	12 E	88	52 E			0.21	0.12 E	0.88	0.52 E	NA
ANTHRACENE	120-12-7	6.6	350 E	6.6	350 E	6.6	350 E	6.6	350 E			6.6	350 E	6.6	350 E	10
ATRAZINE	1912-24-9	0.3	0.13 E	0.3	0.13 E	30	13 E	30	13 E			0.3	0.13 E	0.3	0.13 E	NA
AZINPHOS-METHYL (GUTHION)	86-50-0	[11] **13**	[12] **15** E	[31] **35**	[35] **40** E	[1,100] **1,300**	[1,200] **1,500** E	[3,100] **3,200**	[3,500] **3,600** E			[11] **13**	[12] **15** E	[31] **35**	[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	[180] **200**	[880] **970** E	200	970 E	200	970 E	200	970 E			[180] **200**	[880] **970** E	200	970 E	20
BENTAZON	25057-89-0	20	2.9 E	20	2.9 E	2,000	290 E	2,000	290 E			20	2.9 E	20	2.9 E	NA
BENZENE	71-43-2	0.5	0.13 E	0.5	0.13 E	50	13 E	50	13 E			50	13 E	50	13 E	NA
BENZIDINE	92-87-5	[0.000093] **0.000098**	[0.12] **0.13** E	[0.0011] **0.0015**	[1.5] **2** E	[0.0093] **0.0098**	[12] **13** E	[0.11] **0.15**	[150] **200** E			[0.093] **0.098**	[120] **130** E	[1.1] **1.5**	[1,500] **2,000** E	5
BENZO[A]ANTHRACENE	56-55-3	[0.029] **0.032**	[25] **28** E	[0.36] **0.49**	[320] **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	[0.029] **0.031**	[40] **43** 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	0.055	610 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	[15,000] **17,000**	[2,900] **3,200** E	[41,000] **47,000**	[7,800] **9,000** E	190,000	52,000 E	190,000	52,000 E			[15,000] **17,000**	[2,900] **3,200** E	[41,000] **47,000**	[7,800] **9,000** E	NA

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		Residential			Nonresidential			Residential			Nonresidential			Residential			Nonresidential			
		100 X GW MSC	Generic Value		100 X GW MSC	Generic Value		100 X GW MSC	Generic Value		100 X GW MSC	Generic Value		100 X GW MSC	Generic Value		100 X GW MSC	Generic Value		
BENZOTRICHLORIDE	98-07-7	**[0.0051] 0.0056**	**[0.012] 0.014**	E	**[0.02] 0.026**	**[0.048] 0.063**	E	**[0.51] 0.56**	**[1.2] 1.4**	E	**[2] 3**	**[4.8] 6.3**	E	**[5.1] 5.6**	**[12] 14**	E	**[20] 26**	**[48] 63**	E	30
BENZYL ALCOHOL	100-51-6	**[1,800] 420**	**[650] 150**	E	**[5,100] 1,200**	**[1,800] 430**	E	10,000	10,000	C	10,000	10,000	C	**[1,800] 420**	**[650] 150**	E	**[5,100] 1,200**	**[1,800] 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
BHC, ALPHA	319-84-6	**[0.01] 0.012**	**[0.046] 0.055**	E	**[0.041] 0.054**	**[0.19] 0.25**	E	1	**[4.6] 5.5**	E	**[4.1] 5.4**	**[19] 25**	E	**[10] 12**	**[46] 55**	E	**[41] 54**	**[190] 250**	E	20
BHC, BETA-	319-85-7	**[0.037] 0.041**	**[0.22] 0.24**	E	**[0.14] 0.19**	**[0.82] 1.1**	E	**[3.7] 4.1**	**[22] 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	**[180] 9.1**	**[790] 40**	E	**[510] 43**	**[2,200] 190**	E	720	3,100	E	720	3,100	E	720	3,100	E	720	3,100	E	20
BIS(2-CHLOROETHOXY) METHANE	111-91-1	**[11] 13**	**[2.9] 3.4**	E	**[31] 35**	**[8.2] 9.2**	E	**[1,100] 1,300**	**[290] 340**	E	**[3,100] 3,500**	**[820] 920**	E	**[11] 13**	**[2.9] 3.4**	E	**[31] 35**	**[8.2] 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	3,000	800	E	3,000	800	E	3,000	800	E	3,000	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	6,300	E	29	6,300	E	29	6,300	E	29	6,300	E	10
BISPHENOL A	80-05-7	**[180] 210**	**[700] 810**	E	**[510] 580**	**[2,000] 2,200**	E	12,000	46,000	E	12,000	46,000	E	12,000	46,000	E	12,000	46,000	E	20
BROMACIL	314-40-9	7	1.8	E	7	1.8	E	700	180	E	700	180	E	7	1.8	E	7	1.8	E	NA
BROMOCHLOROMETHANE	74-97-5	9	1.6	E	9	1.6	E	900	160	E	900	160	E	9	1.6	E	9	1.6	E	NA
BROMODICHLORO METHANE **(THM)**	75-27-4	8	2.7	E	8	2.7	E	800	270	E	800	270	E	8	2.7	E	8	2.7	E	NA
BROMOMETHANE	74-83-9	1	0.54	E	1	0.54	E	100	54	E	100	54	E	100	54	E	100	54	E	NA

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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		
BROMOXYNIL	1689-84-5	**[73] 83**	**[63] 71**	E	**[200] 230**	**[170] 200**	E	**[7,300] 8,300**	**[6,300] 7,100**	E	13,000	11,000	E	**[73] 83**	**[63] 71**	E	**[200] 230**	**[170] 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	**[0.019] 0.021**	**[0.0078] 0.0086**	E	**[0.076] 0.1**	**[0.031] 0.041**	E	**[1.9] 2.1**	**[0.78] 0.86**	E	**[7.6] 10**	**[3.1] 4.1**	E	**[1.9]2.1**	**[0.78] 0.86**	E	**[7.6] 10**	**[3.1] 4.1**	E	NA
BUTYL ALCOHOL, N-	71-36-3	**[370] 420**	**[44] 50**	E	**[1,000] 1,200**	**[120] 140**	E	10,000	**[4,400] 5,000**	E	10,000	10,000	C	**[3,700] 4,200**	**[440] 500**	E	10,000	**[1,200] 1,400**	E	NA
BUTYLATE	2008-41-5	40	58	E	40	58	E	4,000	5,800	E	4,000	5,800	E	40	58	E	40	58	E	30
BUTYLBENZENE, N-	104-51-8	**[150] 210**	**[950] 1,300**	**E**	**[410] 580**	**[2,600] 3,700**	E	1,500	9,500	E	1,500	9,500	E	**[150] 210**	**[950] 1,300**	**E**	**[410] 580**	**[2,600] 3,700**	E	15
BUTYLBENZENE, SEC-	135-98-8	**[150] 420**	**[350] 980**	E	**[410] 1,200**	**[960] 2,800**	E	1,700	4,000	E	1,700	4,000	E	**[150] 420**	**[350] 980**	E	**[410] 1,200**	**[960] 2,800**	E	30
BUTYLBENZENE, TERT-	98-06-6	**[150] 420**	**[270] 760**	E	**[410] 1,200**	**[740] 2,200**	E	3,000	5,400	E	3,000	5,400	E	**[150] 420**	**[270] 760**	E	**[410] 1,200**	**[740] 2,200**	E	30
BUTYLBENZYL PHTHALATE	85-68-7	**[35] 38**	**[3,000] 3,200**	E	**[140] 180**	10,000	C	270	10,000	C	270	10,000	C	270	10,000	C	270	10,000	C	10
CAPTAN	133-06-2	**[29] 32**	**[18] 20**	E	50	31	E	50	31	E	50	31	E	50	31	E	50	31	E	NA
CARBARYL	63-25-2	**[370] 420**	**[220] 250**	E	**[1,000] 1,200**	**[590] 700**	E	12,000	7,000	E	12,000	7,000	E	12,000	7,000	E	12,000	7,000	E	NA
CARBAZOLE	86-74-8	**[3.3] 3.7**	**[21] 24**	E	**[13] 17**	**[83] 110**	E	120	760	E	120	760	E	**[3] 4**	**[21] 24**	E	**[13] 17**	**[83] 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	10,000	10,000	C	10,000	10,000	C	150	130	E	620	530	E	NA
CARBON TETRACHLORIDE	56-23-5	0.5	0.26	E	0.5	0.26	E	50	26	E	50	26	E	5	2.6	E	5	2.6	E	NA
CARBOXIN	5234-68-4	70	53	E	70	53	E	7,000	5,300	E	7,000	5,300	E	70	53	E	70	53	E	NA
CHLORAMBEN	133-90-4	10	1.6	E	10	1.6	E	1,000	160	E	1,000	160	E	10	1.6	E	10	1.6	E	NA
CHLORDANE	57-74-9	0.2	49	E	0.2	49	E	5.6	1,400	E	5.6	1,400	E	5.6	1,400	E	5.6	1,400	E	10
CHLORO-1,1-DIFLUOROETHANE, 1-	75-68-3	10,000	1,800	E	10,000	7,300	E	10,000	10,000	C	10,000	10,000	C	10,000	1,800	E	10,000	7,300	E	NA
CHLORO-1-PROPENE, 3- (ALLYL CHLORIDE)	107-05-1	0.21	0.049	E	0.88	0.2	E	21	4.9	E	88	20	E	21	4.9	E	88	20	E	NA
CHLOROACETALDEHYDE	**107-20-0**	**0.24**	**0.029**	**E**	**1.1**	**0.13**	**E**	**24**	**2.9**	**E**	**110**	**13**	**E**	**0.24**	**0.029**	**E**	**1.1**	**0.1**	**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			
CHLOROACETOPHENONE, 2-	532-27-4	**[0.11] 0.13**	**[0.033] 0.039** E	**[0.31] 0.35**	**[0.093] 0.11** E	**[11] 13**	**[3.3] 3.9** E	**[31] 35**	**[9.3] 11.0** E	**[110] 130**	**[33] 39** E	**[310] 350**	**[93] 110** E			NA
CHLOROANILINE, P-	106-47-8	**[0.33] 0.37**	**[0.42] 0.47** E	**[1.3] 1.7**	**[1.6] 2.1** E	**[33] 37**	**[42] 47** E	**[130] 170**	**[160] 210** E	**[0.33] 0.37**	**[0.42] 0.47** E	**[1.3] 1.7**	**[1.6] 2.1** E			NA
CHLOROBENZENE	108-90-7	10	6.1 E	10	6.1 E	1,000	610 E	1,000	610 E	1,000	610 E	1,000	610 E			NA
CHLOROBENZILATE	510-15-6	**[0.6] 0.66**	**[4] 4.4** E	**[2.4] 3.1**	**[16] 20** E	**[60] 66**	**[400] 440** E	**[240] 310**	**[1,600] 2,000** E	**[600] 660**	**[4,000] 4,400** E	1,300	8,600 E			15
CHLOROBUTANE, 1-	109-69-3	**[150] 170**	**[230] 270** E	**[410] 470**	**[640] 730** E	10,000	10,000 C	10,000	10,000 C	**[150] 170**	**[230] 270** E	**[410] 470**	**[640] 730** E			30
CHLORODIBROMO METHANE **(THM)**	124-48-1	8	2.5 E	8	2.5 E	800	250 E	800	250 E	800	250 E	800	250 E			NA
CHLORODIFLUORO METHANE **(THM)**	75-45-6	10,000	2,800 E	10,000	10,000 C	10,000	10,000 C	10,000	10,000 C	10,000	2,800 E	10,000	10,000 C			NA
CHLOROETHANE	75-00-3	**[23] 25**	**[5] 5.4** E	**[90] 120**	**[19] 26** E	**[2,300] 2,500**	**[500] 540** E	**[9,000] 10,000**	**[1,900] 2,600** E	**[2,300] 2,500**	**[500] 540** E	**[9,000] 10,000**	**[1,900] 2,600** E			NA
CHLOROFORM **(THM)**	67-66-3	8	2 E	8	2 E	800	200 E	800	200 E	80	20 E	80	20 E			NA
CHLORONAPHTHALENE, 2-	91-58-7	**[290] 330**	**[6,200] 7,000** E	**[820] 930**	**[18,000] 20,000** E	1,200	26,000 E	1,200	26,000 E	**[290] 330**	**[6,200] 7,000** E	**[820] 930**	**[18,000] 20,000** E			15
CHLORONITROBENZENE, P-	100-00-5	**[3.7] 4.2**	**[4.9] 5.5** E	**[10] 12**	**[13] 16** E	**[370] 420**	**[490] 550** E	**[1,000] 1,200**	**[1,300] 1,600** E	**[3.7] 4.2**	**[4.9] 5.5** E	**[10] 12**	**[13] 16** E			NA
CHLOROPHENOL, 2-	95-57-8	4	4.4 E	4	4.4 E	400	440 E	400	440 E	4	4.4 E	4	4.4 E			NA
CHLOROPRENE	126-99-8	**[1.5] 0.016**	**[0.35] 0.0038** E	**[6.2] 0.083**	**[1.5] 0.02** E	**[150] 1.6**	**[35] 0.38** E	**[620] 8.3**	**[150] 2** E	**[150] 1.6**	**[35] 0.38** E	**[620] 8.3**	**[150] 2** E			NA
CHLOROPROPANE, 2-	75-29-6	21	16 E	88	67 E	2,100	1,600 E	8,800	6,700 E	21	16 E	88	67 E			NA
CHLOROTHALONIL	1897-45-6	**[21] 24**	**[54] 61** E	60	150 E	60	150 E	60	150 E	**[21] 24**	**[54] 61** E	60	150 E			30
CHLOROTOLUENE, O-	95-49-8	10	20 E	10	20 E	1,000	2,000 E	1,000	2,000 E	10	20 E	10	20 E			30
CHLOROTOLUENE, P-	106-43-4	10	10 E	10	10 E	1,000	1,000 E	1,000	1,000 E	10	10 E	10	10 E			NA
CHLORPYRIFOS	2921-88-2	0.2	2.3 E	0.2	2.3 E	20	230 E	20	230 E	0.2	2.3 E	0.2	2.3 E			15
CHLORSULFURON	64902-72-3	**[180] 210**	**[25] 29** E	**[510] 580**	**[71] 80** E	**[18,000] 19,000**	**[2,500] 2,600** E	19,000	2,600 E	**[180] 210**	**[25] 29** E	**[510] 580**	**[71] 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

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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		
CRESOL(S)	1319-77-3	[18] 21		[3.1] 3.6	E	[51] 58		[8.9] 10	E	[1,800] 2,100		[310] 360	E	[5,100] 5,800		[890] 1,000	E	[1,800] 2,100		[310] 360	E	[5,100] 5,800		[890] 1,000	E	NA
CRESOL, 4,6-DINITRO-O-	534-52-1	[0.37] 0.33		[0.28] 0.25	E	[1] 0.93		[0.75] 0.7	E	[37] 33		[28] 25	E	[100] 93		[75] 70	E	[370] 330		[280] 250	E	[1,000] 930		[750] 700	E	NA
CRESOL, O- (2-METHYLPHENOL)	95-48-7	[180] 210		[30] 35	E	[510] 580		[85] 96	E	[18,000] 21,000		[3,000] 3,500	E	[51,000] 58,000		[8,500] 9,600	E	[18,000] 21,000		[3,000] 3,500	E	[51,000] 58,000		[8,500] 9,600	E	NA
CRESOL, M- (3-METHYLPHENOL)	108-39-4	[180] 210		[36] 41	E	[510] 580		[100] 110	E	10,000		[3,600] 4,100	E	10,000		10,000	C	10,000		10,000	C	10,000		10,000	C	NA
CRESOL, P- (4-METHYLPHENOL)	106-44-5	[18] 21		[4.2] 4.9	E	[51] 58		[12] 14	E	[1,800] 2,100		[420] 490	E	[5,100] 5,800		[1,200] 1,400	E	[18,000] 21,000		[4,200] 4,900	E	[51,000] 58,000		[12,000] 14,000	E	NA
CRESOL, P-CHLORO-M-	59-50-7	[18] 420		[37] 870	E	[51] 1,200		[110] 2,500	E	[1,800] 42,000		[3,700] 87,000	E	[5,100] 120,000		[11,000] 190,000	[E] C	[18] 420		[37] 870	E	[51] 1,200		[110] 2,500	E	30
CROTONALDEHYDE	4170-30-3	[0.035] 0.038		[0.0044] 0.0048	E	[0.14] 0.18		[0.018] 0.023	E	[3.5] 3.8		[0.44] 0.48	E	[14] 18		[1.8] 2.3	E	[3.5] 3.8		[0.44] 0.48	E	[14] 18		[1.8] 2.3	E	NA
CROTONALDEHYDE, TRANS-	123-73-9	[0.035] 0.038		[0.0044] 0.0048	E	[0.14] 0.18		[0.018] 0.023	E	[3.5] 3.8		[0.44] 0.48	E	[14] 18		[1.8] 2.3	E	[3.5] 3.8		[0.44] 0.48	E	[14] 18		[1.8] 2.3	E	NA
CUMENE (ISOPROPYL BENZENE)	98-82-8	84		600	E	350		2,500	E	5,000		10,000	C	5,000		10,000	C	5,000		10,000	C	5,000		10,000	C	15
CYANAZINE	21725-46-2	0.1		0.061	E	0.1		0.061	E	10		6.1	E	10		6.1	E	0.1		0.061	E	0.1		0.061	E	NA
CYCLOHEXANE	110-82-7	1,300		1,700	E	5,300		6,900	E	5,500		7,200	E	5,500		7,200	E	1,300		1,700	E	5,300		6,900	E	NA
CYCLOHEXANONE	108-94-1	[10,000] 150		[5,000] 41	E	[10,000] 620		[10,000] 170	[C] E	10,000		[10,000] 4,100	[C] E	10,000		10,000	C	[10,000] 150		[5,000] 41	E	[10,000] 620		[10,000] 170	[C] 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	[27] 31		[84] 96	E	[77] 88		[240] 270	E	[2,700] 3,100		[8,400] 9,600	E	[7,700] 8,800		[24,000] 27,000	E	[27] 31		[84] 96	E	[77] 88		[240] 270	E	20
DDD, 4,4'-	72-54-8	[0.28] 0.3		[31] 33	E	[1.1] 1.4		[120] 150	E	16		1,800	E	16		1,800	E	16		1,800	E	16		1,800	E	10

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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			
DDE, 4,4'-	72-55-9	**[0.19] 0.21**	**[41] 46**	E	**[0.76] 1**	**[170] 220**	E	4	870	E	4	870	E	4	870	E	4	870	E	10
DDT, 4,4'-	50-29-3	**[0.19] 0.21**	**[110] 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	10,000	C	40	10,000	C	4,000	10,000	C	4,000	10,000	C	10,000	10,000	C	10,000	10,000	C	5
DIALLATE	2303-16-4	**[1.1] 1.2**	**[0.64] 0.7**	E	**[4.3] 5.6**	**[2.5] 3.3**	E	**[110] 120**	**[64] 70**	E	**[430] 560**	**[250] 330**	E	**[1,100] 1,200**	**[640] 700**	E	4,000	2,300	E	NA
DIAMINOTOLUENE, 2,4-	95-80-7	**[0.017] 0.019**	**[0.0034] 0.0038**	E	**[0.068] 0.089**	**[0.014] 0.018**	E	**[1.7] 1.9**	**[0.34] 0.38**	E	**[6.8] 8.9**	**[1.4] 1.8**	E	**[17] 19**	**[3.4] 3.8**	E	**[68] 89**	**[14] 18**	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	**[0.0029] 0.0031**	**[13] 14**	E	**[0.036] 0.047**	**[160] 210**	E	0.06	270	E	0.06	270	E	0.06	270	E	0.06	270	E	5
DIBENZOFURAN	132-64-9	**[3.7] 4.2**	**[95] 110**	E	**[10] 12**	**[260] 310**	E	**[370] 420**	**[9,500] 11,000**	E	450	12,000	E	450	12,000	E	450	12,000	E	15
DIBROMO-3-CHLOROPROPANE, 1,2-	96-12-8	0.02	0.0092	E	0.02	0.0092	E	2	0.92	E	2	0.92	E	2	0.92	E	2	0.92	E	NA
DIBROMOBENZENE, 1,4-	106-37-6	**[37] 42**	**[150] 170**	E	**[100] 120**	**[410] 490**	E	2,000	8,200	E	2,000	8,200	E	**[37] 42**	**[150] 170**	E	**[100] 120**	**[410] 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	**[37] 0.84**	**[14] 0.32**	E	**[100] 3.5**	**[39] 1.4**	E	**[3,700] 84**	**[1,400] 32**	E	**[10,000] 350**	**[3,900] 140**	E	**[3,700] 84**	**[1,400] 32**	E	**[10,000] 350**	**[3,900] 140**	E	NA
DIBUTYL PHTHALATE, N-	84-74-2	**[370] 420**	**[1,500] 1,700**	E	**[1,000] 1,200**	**[4,100] 4,900**	E	10,000	10,000	C	10,000	10,000	C	10,000	10,000	C	10,000	10,000	C	20
DICAMBA	1918-00-9	400	45	E	400	45	E	40,000	4,500	E	40,000	4,500	E	400	45	E	400	45	E	NA
DICHLOROACETIC ACID **(HAA)**	76-43-6	6	0.79	E	6	0.79	E	600	79	E	600	79	E	6	0.79	E	6	0.79	E	NA
DICHLORO-2-BUTENE, 1,4-	764-41-0	0.0012	0.00067	E	0.006	0.0034	E	0.12	0.07	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	6,000	5,900	E	6,000	5,900	E	6,000	5,900	E	6,000	5,900	E	NA
DICHLOROBENZENE, 1,3-	541-73-1	60	61	E	60	61	E	6,000	6,100	E	6,000	6,100	E	6,000	6,100	E	6,000	6,100	E	NA

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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		
DICHLOROBENZENE, P-	106-46-7	7.5	10	E	7.5	10	E	750	1,000	E	750	1,000	E	750	1,000	E	750	1,000	E	30
DICHLOROBENZIDINE, 3,3'-	91-94-1	**[0.15] 0.16**	**[8.3] 8.8**	E	**[0.58] 0.76**	**[32] 42**	E	**[15] 16**	**[830] 880**	E	**[58] 76**	**[3,200] 4,200**	E	**[150] 160**	**[8,300] 8,800**	E	310	17,000	E	10
DICHLORODIFLUORO-METHANE (FREON 12)	75-71-8	100	100	E	100	100	E	10,000	10,000	C	10,000	10,000	C	10,000	10,000	C	10,000	10,000	C	NA
DICHLOROETHANE, 1,1-	75-34-3	3.1	0.75	E	16	3.9	E	310	75	E	1,600	390	E	31	7.5	E	160	39	E	NA
DICHLOROETHANE, 1,2-	107-06-2	0.5	0.1	E	0.5	0.1	E	50	10	E	50	10	E	5	1	E	5	1	E	NA
DICHLOROETHYLENE, 1,1-	75-35-4	0.7	0.19	E	0.7	0.19	E	70	19	E	70	19	E	7	1.9	E	7	1.9	E	NA
DICHLOROETHYLENE, CIS-1,2-	156-59-2	7	1.6	E	7	1.6	E	700	160	E	700	160	E	70	16	E	70	16	E	NA
DICHLOROETHYLENE, TRANS-1,2-	156-60-5	10	2.3	E	10	2.3	E	1,000	230	E	1,000	230	E	100	23	E	100	23	E	NA
DICHLOROMETHANE (METHYLENE CHLORIDE)	75-09-2	0.5	0.076	E	0.5	0.076	E	50	7.6	E	50	7.6	E	50	7.6	E	50	7.6	E	NA
DICHLOROPHENOL, 2,4-	120-83-2	2	1	E	2	1	E	200	100	E	200	100	E	2,000	1,000	E	2,000	1,000	E	NA
DICHLOROPHENOXY ACETIC ACID, 2,4- (2,4-D)	94-75-7	7	1.8	E	7	1.8	E	700	180	E	700	180	E	7,000	1,800	E	7,000	1,800	E	NA
DICHLOROPROPANE, 1,2-	78-87-5	0.5	0.11	E	0.5	0.11	E	50	11	E	50	11	E	5	1.1	E	5	1.1	E	NA
DICHLOROPROPENE, 1,3-	542-75-6	**[0.66] 0.73**	**[0.12] 0.13**	E	**[2.6] 3.4**	**[0.46] 0.61**	E	**[66] 73**	**[12] 13**	E	**[260] 340**	**[46] 61**	E	**[66] 73**	**[12] 13**	E	**[260] 340**	**[46] 61**	E	NA
DICHLOROPROPIONIC ACID, 2,2- (DALAPON)	75-99-0	20	5.3	E	20	5.3	E	2,000	530	E	2,000	530	E	2,000	530	E	2,000	530	E	NA
DICHLORVOS	62-73-7	**[0.23] 0.25**	**[0.054] 0.059**	E	**[0.9] 1.2**	**[0.21] 0.28**	E	**[23] 25**	**[5.4] 5.9**	E	**[90] 120**	**[21] 28**	E	**[0.23] 0.25**	**[0.054] 0.059**	E	**[0.9] 1.2**	**[0.21] 0.28**	E	NA
DICYCLOPENTADIENE	77-73-6	1.5	3.2	E	6.2	13	E	150	320	E	620	1,300	E	**[2] 1.5**	**[3] 3.2**	E	**[6] 6.2**	13	E	30
DIELDRIN	60-57-1	**[0.0041] 0.0046**	**[0.11] 0.13**	E	**[0.016] 0.021**	**[0.44] 0.58**	E	**[0.41] 0.46**	**[11] 13**	E	**[1.6] 2.1**	**[44] 58**	E	**[4.1] 4.6**	**[110] 130**	E	**[16] 17**	**[440] 470**	E	15
DIETHANOLAMINE	111-42-2	NA	NA		NA	NA		NA	NA		NA	NA		NA	NA		NA	NA		NA
DIETHYL PHTHALATE	84-66-2	**[2,900] 3,300**	**[910] 1,000**	E	**[8,200] 9,300**	**[2,600] 2,900**	E	10,000	10,000	C	10,000	10,000	C	10,000	10,000	C	10,000	10,000	C	NA
DIFLUBENZURON	35367-38-5	20	52	E	20	52	E	20	52	E	20	52	E	20	52	E	20	52	E	20
DIISOPROPYL METHYLPHOSPHONATE	1445-75-6	60	8.2	E	60	8.2	E	6,000	820	E	6,000	820	E	60	8.2	E	60	8.2	E	NA

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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	
DIMETHOATE	60-51-5	[0.73] **0.83**	[0.28] **0.32** E	[2] **2.3**	[0.77] **0.89** E	[73] **83**	[28] **32** E	[200] **230**	[77] **89** E			[730] **830**	[280] **320** E	[2,000] **2,300**	[770] **890** E	NA
DIMETHOXYBENZIDINE, 3,3-	119-90-4	[4.7] **5.2**	[16] **17** E	[19] **24**	[64] **81** E	[470] **520**	[1,600] **1,700** E	[1,900] **2,400**	[6,400] **8,100** E			[4,700] **5,200**	[16,000] **17,000** E	6,000	20,000 E	20
DIMETHRIN	70-38-2	3.6	240 E	3.6	240 E	3.6	240 E	3.6	240 E			3.6	240 E	3.6	240 E	10
DIMETHYLAMINOAZO BENZENE, P-	60-11-7	[0.014] **0.016**	[0.037] **0.042** E	[0.057] **0.074**	[0.15] **0.19** E	[1.4] **1.6**	[3.7] **4.2** E	[5.7] **7.4**	[15] **19** E			[14] **16**	[37] **42** E	[57] **74**	[150] **190** E	20
DIMETHYLANILINE, N,N-	121-69-7	[7.3] **8.3**	[4.1] **4.7** E	[20] **23**	[11] **13** E	[730] **830**	[410] **470** E	[2,000] **2,300**	[1,100] **1,300** E			[730] **830**	[410] **470** E	[2,000] **2,300**	[1,100] **1,300** E	NA
DIMETHYLBENZIDINE, 3,3-	119-93-7	[0.006] **0.0066**	[0.33] **0.36** E	[0.024] **0.031**	[1.3] **1.7** E	[0.6] **0.7**	[33] **36** E	[2.4] **3.1**	[130] **170** E			[6] **7**	[330] **360** E	[24] **31**	[1,300] **1,700** E	10
DIMETHYL METHYLPHOSPHONATE	756-79-6	10	1.2 E	10	1.2 E	1,000	120 E	1,000	120 E			10	[1] **1.2** E	10	[1] **1.2** E	NA
DIMETHYLPHENOL, 2,4-	105-67-9	[73] **83**	[32] **36** E	[200] **230**	[87] **100** E	[7,300] **8,300**	[3,200] **3,600** E	10,000	[8,700] **10,000**	[E] **C**		10,000	10,000 C	10,000	10,000 C	NA
DINITROBENZENE, 1,3-	99-65-0	0.1	0.049 E	0.1	0.049 E	10	4.9 E	10	4.9 E			100	49 E	100	49 E	NA
DINITROPHENOL, 2,4-	51-28-5	[7.3] **8.3**	[0.83] **0.94** E	[20] **23**	[2.3] **2.6** E	[730] **830**	[83] **94** E	[2,000] **2,300**	[230] **260** E			[7,300] **8,300**	[830] **940** E	[20,000] **23,000**	[2,300] **2,600** E	NA
DINITROTOLUENE, 2,4-	121-14-2	[0.21] **0.24**	[0.05] **0.057** E	[0.84] **1.1**	[0.2] **0.26** E	[21] **24**	[5] **6** E	[84] **110**	[20] **26** E			[210] **240**	[50] **57** E	[840] **1,100**	[200] **260** E	NA
DINITROTOLUENE, 2,6- (2,6-DNT)	606-20-2	[3.7] **4.2**	[1.1] **1.2** E	[10] **12**	[3] **4** E	[370] **420**	[110] **120** E	[1,000] **1,200**	[300] **360** E			[3,700] **4,200**	[1,100] **1,200** E	[10,000] **12,000**	[3,000] **3,600** 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	2,000	1,200 E	2,000	1,200 E			20	12 E	20	12 E	NA
DIPHENYLAMINE	122-39-4	[91] **100**	[53] **59** E	[260] **290**	[150] **170** E	[9,100] **10,000**	[5,300] **5,900** E	[26,000] **29,000**	[15,000] **17,000** E			30,000	18,000 E	30,000	18,000 E	NA

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		TDS ≤ 2500				TDS > 2500											
		Residential		Nonresidential		Residential		Nonresidential		Residential		Nonresidential		Soil Buffer Distance (feet)			
		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				
DIPHENYLHYDRAZINE, 1,2-	122-66-7	**[0.083] 0.091**	**[0.15] 0.16** E	**[0.33] 0.43**	**[0.58] 0.76** E	**[8.3] 9.1**	**[15] 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	**[7.3] 8.3**	**[6.3] 7.1** E	**[20] 23**	**[17] 20** E	**[730] 830**	**[630] 710** E	**[2,000] 2,300**	**[1,700] 2,000** E	**[7.3] 8.3**	**[6.3] 7.1** E	**[20] 23**	**[17] 20** E	NA			
ENDOSULFAN	115-29-7	**[22] 25**	**[110] 130** E	48	250 E	48	250 E	48	250 E	48	250 E	48	250 E	15			
ENDOSULFAN I (ALPHA)	959-98-8	**[22] 25**	**[110] 130** E	50	260 E	50	260 E	50	260 E	**[22] 25**	**[110] 130** E	50	260 E	15			
ENDOSULFAN II (BETA)	33213-65-9	**[22] 25**	**[130] 150** E	45	260 E	45	260 E	45	260 E	**[22] 25**	**[130] 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	1,000	410 E	1,000	410 E	10	4.1 E	10	4.1 E	NA			
ENDRIN	72-20-8	0.2	5.5 E	0.2	5.5 E	20	550 E	20	550 E	0.2	5.5 E	0.2	5.5 E	15			
EPICHLOROHYDRIN	106-89-8	0.21	0.042 E	0.88	0.17 E	21	4.2 E	88	17 E	21	4.2 E	88	17 E	NA			
ETHEPHON	16672-87-0	**[18] 21**	**[2.1] 2.4** E	**[51] 58**	**[5.9] 6.7** E	**[1,800] 2,100**	**[210] 240** E	**[5,100] 5,800**	**[590] 670** E	**[18] 21**	**[2.1] 2.4** E	**[51] 58**	**[5.9] 6.7** E	NA			
ETHION	563-12-2	**[1.8] 2.1**	**[39] 46** E	**[5.1] 5.8**	**[110] 130** E	85	1,900 E	85	1,900 E	**[1.8] 2.1**	**[39] 46** E	**[5.1] 5.8**	**[110] 130** E	15			
ETHOXYETHANOL, 2- (EGEE)	110-80-5	42	5.9 E	180	25 E	4,200	590 E	10,000	2,500 E	4,200	590 E	10,000	2,500 E	NA			
ETHYL ACETATE	141-78-6	**[3,300] 3,800**	**[850] 980** E	**[9,200] 10,000**	**[2,400] 2,800** E	10,000	10,000 C	10,000	10,000 C	10,000	10,000 C	10,000	10,000 C	NA			
ETHYL ACRYLATE	140-88-5	**[1.4] 1.5**	**[0.54] 0.58** E	**[5.4] 7.1**	**[2.1] 2.7** E	**[140] 150**	**[54] 58** E	**[540] 710**	**[210] 270** E	**[140] 150**	**[54] 58** E	**[540] 710**	**[210] 270** E	NA			
ETHYL BENZENE	100-41-4	70	46 E	70	46 E	7,000	4,600 E	7,000	4,600 E	7,000	4,600 E	7,000	4,600 E	NA			
ETHYL DIPROPYL THIOCARBAMATE, S- (EPTC)	759-94-4	**[91] 100**	**[65] 71** E	**[260] 290**	**[180] 210** E	**[9,100] 10,000**	**[6,500] 7,100** E	10,000	10,000 C	**[91] 100**	**[65] 71** E	**[260] 290**	**[180] 210** E	NA			

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		Residential				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			
ETHYL ETHER	60-29-7	**[730] 830**	**[210] 230**	E		**[2,000] 2,300**	**[560] 650**	E		10,000	10,000	C		10,000	10,000	C		**[730] 830**	**[210] 230**	E		**[2,000] 2,300**	**[560] 650**	E	NA
ETHYL METHACRYLATE	97-63-2	**[330] 63**	**[55] 10**	E		**[920] 260**	**[150] 43**	E		**[10,000] 6,300**	**[5,500] 1,000**	E		10,000	**[10,000] 4,300**	**[C] E**		**[330] 63**	**[55] 10**	E		**[920] 260**	**[150] 43**	E	NA
ETHYLENE CHLORHYDRIN	**107-07-3**	**83**	**10**	**E**		**230**	**26**	**E**		**8,300**	**950**	**E**		**10,000**	**2,600**	**E**		**83**	**10**	**E**		**230**	**26**	**E**	**NA**
ETHYLENE GLYCOL	107-21-1	1,400	170	E		1,400	170	E		10,000	10,000	C		10,000	10,000	C		10,000	10,000	C		10,000	10,000	C	NA
ETHYLENE THIOUREA (ETU)	96-45-7	**[0.29] 0.33**	**[0.032] 0.037**	E		**[0.82] 0.93**	**[0.092] 0.1**	E		**[29] 33**	**[3.2] 3.7**	E		**[82] 93**	**[9.2] 10**	E		**[290] 330**	**[32] 37**	E		**[820] 930**	**[92] 100**	E	NA
ETHYLP-NITROPHENYL PHENYLPHOSPHORO THIOATE	2104-64-5	**[0.037] 0.042**	**[0.12] 0.13**	E		**[0.1] 0.12**	**[0.31] 0.37**	E		**[3.7] 4.2**	**[12] 13**	E		**[10] 12**	**[31] 37**	E		**[0.037] 0.042**	**[0.12] 0.13**	E		0.1	**[0.31] 0.37**	E	20
FENAMIPHOS	22224-92-6	0.07	0.06	E		0.07	0.06	E		7	6	E		7	6	E		**[0.1] 0.07**	0.06	E		**[0.1] 0.07**	0.06	E	NA
FENVALERATE (PYDRIN)	51630-58-1	8.5	94	E		8.5	94	E		8.5	94	E		8.5	94	E		8.5	94	E		8.5	94	E	15
FLUOMETURON	2164-17-2	9	2.5	E		9	2.5	E		900	250	E		900	250	E		9	2.5	E		9	2.5	E	NA
FLUORANTHENE	206-44-0	26	3,200	E		26	3,200	E		26	3,200	E		26	3,200	E		26	3,200	E		26	3,200	E	10
FLUORENE	86-73-7	**[150] 170**	**[3,000] 3,400**	E		190	3,800	E		190	3,800	E		190	3,800	E		190	3,800	E		190	3,800	E	15
FLUOROTRICHLORO METHANE (FREON 11)	75-69-4	200	87	E		200	87	E		10,000	8,700	E		10,000	8,700	E		10,000	8,700	E		10,000	8,700	E	NA
FONOFOS	944-22-9	1	2.9	E		1	2.9	E		100	290	E		100	290	E		1	2.9	E		1	2.9	E	20
FORMALDEHYDE	50-00-0	100	12	E		100	12	E		10,000	1,200	E		10,000	1,200	E		10,000	1,200	E		10,000	1,200	E	NA
FORMIC ACID	64-18-6	**[0.63] 0.063**	**[0.071] 0.0071**	E		**[2.6] 0.26**	**[0.3] 0.029**	E		**[63] 6.3**	**[7.1] 0.71**	E		**[260] 26**	**[29] 2.9**	E		**[6.3] 0.63**	**[0.71] 0.071**	E		**[26] 2.6**	**[3] 0.29**	E	NA
FOSETYL-AL	39148-24-8	**[11,000] 13,000**	**[9,700] 12,000**	E		**[31,000] 35,000**	**[27,000] 31,000**	E		190,000	190,000	C		190,000	190,000	C		**[11,000] 13,000**	**[9,700] 12,000**	E		**[31,000] 35,000**	**[27,000] 31,000**	E	NA
FURAN	110-00-9	**[3.7] 4.2**	**[1.6] 1.8**	E		**[10] 12**	**[4.4] 5.2**	E		**[370] 420**	**[160] 180**	E		**[1,000] 1,200**	**[440] 520**	E		**[370] 420**	**[160] 180**	E		**[1,000] 1,200**	**[440] 520**	E	NA

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		Residential			Nonresidential			Residential			Nonresidential			Residential			Nonresidential			
		100 X GW MSC	Generic Value		100 X GW MSC	Generic Value		100 X GW MSC	Generic Value		100 X GW MSC	Generic Value		100 X GW MSC	Generic Value		100 X GW MSC	Generic Value		
FURFURAL	98-01-1	11	1.4	E	**[31] 35**	**[3.9] 4.4**	E	1,100	140	E	**[3,100] 3,500**	**[390] 440**	E	11	1.4	E	**[31] 35**	**[3.9] 4.4**	E	NA
GLYPHOSATE	1071-83-6	70	620	E	70	620	E	7,000	62,000	E	7,000	62,000	E	70	620	E	70	620	E	15
HEPTACHLOR	76-44-8	0.04	0.68	E	0.04	0.68	E	4	68	E	4	68	E	18	310	E	18	310	E	15
HEPTACHLOR EPOXIDE	1024-57-3	0.02	1.1	E	0.02	1.1	E	2	110	E	2	110	E	20	1,100	E	20	1,100	E	10
HEXACHLOROBENZENE	118-74-1	0.1	0.96	E	0.1	0.96	E	0.6	5.8	E	0.6	5.8	E	0.6	5.8	E	0.6	5.8	E	15
HEXACHLOROBUTADIENE	87-68-3	**[0.9] 0.94**	**[10] 11**	E	**[3.3] 4.4**	**[39] 52**	E	**[85] 94**	**[1,000] 1,100**	E	290	3,400	E	290	3,400	E	290	3,400	E	15
HEXACHLOROCYCLO PENTADIENE	77-47-4	5	91	E	5	91	E	180	3,300	E	180	3,300	E	180	3,300	E	180	3,300	E	15
HEXACHLOROETHANE	67-72-1	0.1	0.56	E	0.1	0.56	E	10	56	E	10	56	E	10	56	E	10	56	E	15
HEXANE	110-54-3	150	1,400	E	**[610] 620**	5,600	E	950	8,700	E	950	8,700	E	150	1,400	E	**[610] 620**	5,600	E	15
HEXAZINONE	51235-04-2	40	8.5	E	40	8.5	E	4,000	850	E	4,000	850	E	40	8.5	E	40	8.5	E	NA
HEXYTHIAZOX (SAVEY)	78587-05-0	50	820	E	50	820	E	50	820	E	50	820	E	50	820	E	50	820	E	15
HMX	2691-41-0	40	4.8	E	40	4.8	E	500	60	E	500	60	E	40	4.8	E	40	**[438] 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	**[4.6] 5.7**	**[0.62] 0.77**	E	120	16	E	**[460] 570**	**[62] 77**	E	1,200	160	E	**[4,600] 5,700**	**[620] 770**	E	NA
INDENO[1,2,3-CD]PYRENE	193-39-5	**[0.029] 0.031**	**[2,200] 2,400**	E	**[0.36] 0.47**	**[28,000] 36,000**	E	**[2.9] 3.1**	190,000	C	6.2	190,000	C	6.2	190,000	C	6.2	190,000	C	5
IPRODIONE	36734-19-7	**[150] 170**	**[430] 490**	E	**[410] 470**	**[1,200] 1,300**	E	1,300	3,700	E	1,300	3,700	E	**[150] 170**	**[430] 490**	E	**[410] 470**	**[1,200] 1,300**	E	20
ISOBUTYL ALCOHOL	78-83-1	**[1,100] 1,300**	**[290] 340**	E	**[3,100] 3,500**	**[810] 910**	E	10,000	10,000	C	10,000	10,000	C	10,000	10,000	C	10,000	10,000	C	NA
ISOPHORONE	78-59-1	10	1.9	E	10	1.9	E	1,000	190	E	1,000	190	E	10,000	1,900	E	10,000	1,900	E	NA
ISOPROPYL METHYLPHOSPHONATE	1832-54-8	70	8.1	E	70	8.1	E	7,000	810	E	7,000	810	E	70	8.1	E	70	8.1	E	NA

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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		
KEPONE	143-50-0	[0.0041] **0.0073**	[0.56] **1**	E	[0.016] **0.034**	[2.2] **4.7**	E	[0.41] **0.73**	[56] **100**	E	[1.6] **3.4**	[220] **470**	E	[4.1] **7.3**	[560] **1,000**	E	[16] **34**	[2,200] **4,700**	E	10
MALATHION	121-75-5	50	170	E	50	170	E	5,000	10,000	C	5,000	10,000	C	10,000	10,000	C	10,000	10,000	C	20
MALEIC HYDRAZIDE	123-33-1	400	47	E	400	47	E	40,000	4,700	E	40,000	4,700	E	400	47	E	400	47	E	NA
MANEB	12427-38-2	[18] **21**	2	E	[51] **58**	[5.8] **6.6**	E	[1,800] **2,100**	[200] **240**	E	2,300	260	E	[18] **21**	2	E	[51]58	[5.8] **6.6**	E	NA
MERPHOS OXIDE	78-48-8	[0.11] **0.13**	[15] **17**	E	[0.31] **0.35**	[41] **46**	E	[11] **13**	[1,500] **1,700**	E	[31] **35**	[4,100] **4,600**	E	[0.11] **0.13**	[15] **17**	E	[0.31] **0.35**	[41] **46**	E	10
METHACRYLONITRILE	126-98-7	[0.15] **0.42**	[0.025] **0.069**	E	[0.62] **1.2**	[0.1] **0.2**	E	[15] **42**	[2.5] **6.9**	E	[62] **120**	[10] **20**	E	[0.15] **0.42**	[0.025] **0.069**	E	[0.62] **1.2**	[0.1] **0.2**	E	NA
METHAMIDOPHOS	10265-92-6	[0.18] **0.21**	[0.022] **0.026**	E	[0.51] **0.58**	[0.063] **0.072**	E	[18] **21**	[2.2] **2.6**	E	[51] **58**	[6.3] **7.2**	E	[0.18] **0.21**	[0.022] **0.026**	E	[0.51] **0.58**	[0.063] **0.072**	E	NA
METHANOL	67-56-1	840	99	E	3,500	410	E	10,000	9,900	E	10,000	10,000	C	10,000	9,900	E	10,000	10,000	C	NA
METHOMYL	16752-77-5	20	3.2	E	20	3.2	E	2,000	320	E	2,000	320	E	20	3.2	E	20	3.2	E	NA
METHOXYCHLOR	72-43-5	4	630	E	4	630	E	4.5	710	E	4.5	710	E	4.5	710	E	4.5	710	E	10
METHOXYETHANOL, 2-	109-86-4	4.2	0.47	E	18	2	E	420	47	E	1,800	200	E	4.2	0.47	E	18	2	E	NA
METHYL ACETATE	79-20-9	[3,700] **4,200**	[690] **780**	E	10,000	[1,900] **2,200**	E	10,000	10,000	C	10,000	10,000	C	[3,700] **4,200**	[690] **780**	E	10,000	[1,900] **2,200**	E	NA
METHYL ACRYLATE	96-33-3	[110] **4**	[27] **1**	E	[310] **18**	[77] **5**	E	[10,000] **420**	[2,700] **100**	E	[10,000] **1,800**	[7,700] **450**	E	[10,000] **420**	[2,700] **100**	E	[10,000] **1,800**	[7,700] **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	10,000	7,600	E	10,000	7,600	[C] **E**	10,000	7,600	E	10,000	7,600	[C] **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	[290] **330**	[45] **51**	E	[820] **930**	[130] **140**	E	10,000	[4,500] **5,100**	E	10,000	10,000	C	10,000	[4,500] **5,100**	E	10,000	10,000	C	NA
METHYL ISOCYANATE	624-83-9	0.21	0.029	E	0.88	0.12	E	21	2.9	E	88	12	E	0.21	0.029	E	0.88	0.12	E	NA
METHYL N-BUTYL KETONE (2-HEXANONE)	591-78-6	[1.1] **6.3**	[0.27] **1.6**	E	[4.4] **26**	[1.1] **6.4**	E	[110] **630**	[27] **160**	E	[440] **2,600**	[110] **640**	E	[1.1] **6.3**	[0.27] **1.6**	E	[4.4] **26**	[1.1] **6.4**	E	NA
METHYL METHACRYLATE	80-62-6	150	20	E	620	84	E	10,000	2,000	E	10,000	8,400	E	10,000	2,000	E	10,000	8,400	E	NA

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REGULATED SUBSTANCE	CASRN	Used Aquifers												Soil Buffer Distance (feet)
		TDS ≤ 2500				TDS > 2500				Nonuse Aquifers				
		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	
METHYL METHANESULFONATE	66-27-3	**[0.67] 0.74**	**[0.083] 0.092** E	**[2.6] 3.4**	**[0.32] 0.42** E	**[67] 74**	**[8.3] 9.2** E	**[260] 340**	**[32] 42** E	**[0.67] 0.74**	**[0.083] 0.092** E	**[2.6] 3.4**	**[0.32] 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	4,700 E	3,500	10,000 C	8.4	47 E	35	200 E	15
METHYL TERT-BUTYL ETHER (MTBE)	1634-04-4	2	0.28 E	2	0.28 E	200	28 E	200	28 E	20	2.8 E	20	2.8 E	NA
METHYLCHLOROPHENOXY ACETIC ACID (MCPA)	94-74-6	3	1.2 E	3	1.2 E	300	120 E	300	120 E	3,000	1,200 E	3,000	1,200 E	NA
METHYLENE BIS(2-CHLOROANILINE), 4,4'-	101-14-4	**[0.22] 0.23**	**[1.7] 1.8** E	**[2.6] 3.4**	**[20] 26** E	**[22] 23**	**[170] 180** E	**[260] 340**	**[2,000] 2,600** E	**[0.22] 0.23**	**[1.7] 1.8** E	**[2.6] 3.4**	**[20] 26** E	15
METHYLNAPHTHALENE, 2-	91-57-6	**[15] 17**	**[600] 680** E	**[41] 47**	**[1,600] 1,900** E	**[1,500] 1,700**	**[60,000] 68,000** E	2,500	100,000 E	**[15] 17**	**[600] 680** E	**[41] 47**	**[1,600] 1,900** E	15
METHYLSTYRENE, ALPHA	98-83-9	**[260] 290**	**[460] 510** E	**[720] 820**	**[1,300] 1,400** E	10,000	10,000 C	10,000	10,000 C	**[260] 290**	**[460] 510** E	**[720] 820**	**[1,300] 1,400** E	30
METOLACHLOR	51218-45-2	70	40 E	70	40 E	7,000	4,000 E	7,000	4,000 E	70	40 E	70	40 E	NA
METRIBUZIN	21087-64-9	7	2.4 E	7	2.4 E	700	240 E	700	240 E	7	2.4 E	7	2.4 E	NA
MONOCHLOROACETIC ACID **(HAA)**	79-11-8	**[7] 6**	**[0.78] 0.67** E	**[7] 6**	**[0.78] 0.67** E	**[700] 600**	**[78] 67** E	**[700] 600**	**[78] 67** E	**[7] 6**	**[0.78] 0.67** E	**[7] 6**	**[0.78] 0.67** E	NA
NAPHTHALENE	91-20-3	10	25 E	10	25 E	1,000	2,500 E	1,000	2,500 E	3,000	7,500 E	3,000	7,500 E	30
NAPHTHYLAMINE, 1-	134-32-7	**[0.037] 0.041**	**[0.3] 0.33** E	**[0.14] 0.19**	**[1.1] 1.5** E	**[3.7] 4.1**	**[30] 33** E	**[14] 19**	**[110] 150** E	**[37] 41**	**[300] 330** E	**[140] 190**	**[1,100] 1,500** E	15
NAPHTHYLAMINE, 2-	91-59-8	**[0.037] 0.041**	**[0.012] 0.013** E	**[0.14] 0.19**	**[0.046] 0.062** E	**[3.7] 4.1**	**[1.2] 1.3** E	**[14] 19**	**[4.6] 6.2** E	**[37] 41**	**[12] 13** E	**[140] 190**	**[46] 62** E	NA
NAPROPAMIDE	15299-99-7	**[370] 420**	**[860] 970** E	**[1,000] 1,200**	**[2,300] 2,800** E	7,000	16,000 E	7,000	16,000 E	**[370] 420**	**[860] 970** E	**[1,000] 1,200**	**[2,300] 2,800** E	30
NITROANILINE, M-	99-09-2	**[1.1] 1.3**	**[0.17] 0.2** E	**[3.1] 3.5**	**[0.48] 0.55** E	**[110] 130**	**[17] 20** E	**[310] 350**	**[48] 55** E	**[1.1] 1.3**	**[0.17] 0.2** E	**[3.1] 3.5**	**[0.48] 0.55** E	NA
NITROANILINE, O-	88-74-4	**[11] 42**	**[2] 8** E	**[31] 120**	**[5.5] 21** E	**[1,100] 4,200**	**[200] 750** E	**[3,100] 12,000**	**[550] 2,100** E	**[11] 42**	**[2] 8** E	**[31] 120**	**[5.5] 21** E	NA
NITROANILINE, P-	100-01-6	**[3.3] 3.7**	**[0.49] 0.55** E	**[13] 17**	**[1.9] 2.5** E	**[330] 370**	**[49] 55** E	**[1,300] 1,700**	**[190] 250** E	**[3.3] 3.7**	**[0.49] 0.55** E	**[13] 17**	**[1.9] 2.5** 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		
NITROBENZENE	98-95-3	**[7.3] 8.3**	**[3.2] 3.6**	E	**[20] 23**	**[8.7] 10**	E	**[730] 830**	**[320] 360**	E	**[2,000] 2,300**	**[870] 1,000**	E	**[7,300] 8,300**	**[3,200] 3,600**	E	10,000	**[8,700] 10,000**	**[E] C**	NA
NITROGUANIDINE	556-88-7	70	7.8	E	70	7.8	E	7,000	780	E	7,000	780	E	70	7.8	E	70	7.8	E	NA
NITROPHENOL, 2-	88-75-5	**[29] 33**	**[5.9] 6.7**	E	**[82] 93**	**[17] 19**	E	**[2,900] 3,300**	**[590] 670**	E	**[8,200] 9,300**	**[1,700] 1,900**	E	**[29,000] 33,000**	**[5,900] 6,700**	E	**[82,000] 93,000**	**[17,000] 19,000**	E	NA
NITROPHENOL, 4-	100-02-7	6	4.1	E	6	4.1	E	600	410	E	600	410	E	6,000	4,100	E	6,000	4,100	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	**[0.012] 0.014**	**[0.015] 0.017**	E	**[0.048] 0.063**	**[0.059] 0.078**	E	**[1.2] 1.4**	**[1.5] 1.7**	E	**[4.8] 6.3**	**[5.9] 7.8**	E	**[12] 14**	**[15] 17**	E	**[48] 63**	**[59] 78**	E	NA
NITROSODI-N-PROPYLAMINE, N-	621-64-7	**[0.0094] 0.01**	**[0.0013] 0.0014**	E	**[0.037] 0.049**	**[0.0051] 0.0068**	E	**[0.94] 1**	**[0.13] 0.14**	E	**[3.7] 4.9**	**[0.51] 0.68**	E	**[9.4] 10**	**[1.3] 1.4**	E	**[37] 49**	**[5.1] 6.8**	E	NA
NITROSODIPHENYLAMINE, N-	86-30-6	**[13] 15**	**[20] 23**	E	**[53] 69**	**[83] 110**	E	**[1,300] 1,500**	**[2,000] 2,300**	E	3,500	5,500	E	3,500	5,500	E	3,500	5,500	E	30
NITROSO-N-ETHYLUREA, N-	759-73-9	**[0.0008] 0.00084**	**[0.000092] 0.000097**	E	**[0.0096] 0.013**	**[0.0011] 0.0015**	E	0.08	**[0.0092] 0.0097**	E	**[0.96] 1.3**	**[0.11] 0.15**	E	0.8	**[0.092] 0.097**	E	**[9.6] 13**	**[1.1] 1.5**	E	NA
OCTYL PHTHALATE, DI-N-	117-84-0	**[150] 42**	10,000	C	**[300] 120**	10,000	C	300	10,000	C	300	10,000	C	300	10,000	C	300	10,000	C	5
OXAMYL (VYDATE)	23135-22-0	20	2.6	E	20	2.6	E	2,000	260	E	2,000	260	E	20	2.6	E	20	2.6	E	NA
PARAQUAT	1910-42-5	3	120	E	3	120	E	300	12,000	E	300	12,000	E	3	120	E	3	120	E	15
PARATHION	56-38-2	**[22] 25**	**[130] 150**	E	**[61] 70**	**[360] 410**	E	2,000	10,000	C	2,000	10,000	C	**[22] 25**	**[130] 150**	E	**[61] 70**	**[360] 410**	E	15
PCB-1016 (AROCLOR)	12674-11-2	**[0.26] 0.29**	**[72] 80**	E	**[0.72] 0.82**	**[200] 230**	E	25	6,900	E	25	6,900	E	**[0.26] 0.29**	**[72] 80**	E	**[0.72] 0.82**	**[200] 230**	E	10

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		TDS ≤ 2500				TDS > 2500												
		Residential				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			
PCB-1221 (AROCLOR)	11104-28-2	**[0.033] 0.037**	**[0.16] 0.18**	E		**[0.13] 0.17**	**[0.63] 0.83**	E		**[3.3] 3.7**	**[16] 18**	E		**[13] 17**	**[63] 83**	E		**[0.033] 0.037**	**[0.16] 0.18**	E		**[0.13] 0.17**	**[0.63] 0.83**	E	20
PCB-1232 (AROCLOR)	11141-16-5	**[0.033] 0.037**	**[0.13] 0.14**	E		**[0.13] 0.17**	**[0.5] 0.7**	E		**[3.3] 3.7**	**[13] 14**	E		**[13] 17**	**[50] 66**	E		**[0.033] 0.037**	**[0.13] 0.14**	E		**[0.13] 0.17**	**[0.5] 0.7**	E	20
PCB-1242 (AROCLOR)	53469-21-9	**[0.033] 0.037**	4	E		**[0.13] 0.17**	**[16] 20**	E		**[3.3] 3.7**	**[400] 440**	E		10	1,200	E		**[0.033] 0.037**	4	E		**[0.13] 0.17**	**[16] 20**	E	10
PCB-1248 (AROCLOR)	12672-29-6	**[0.033] 0.037**	**[16] 18**	E		**[0.13] 0.17**	**[62] 81**	E		**[3.3] 3.7**	**[1,600] 1,800**	E		5.4	2,600	E		**[0.033] 0.037**	**[16] 18**	E		**[0.13] 0.17**	**[62] 81**	E	10
PCB-1254 (AROCLOR)	11097-69-1	**[0.033] 0.037**	**[67] 75**	E		**[0.13] 0.17**	**[260] 340**	E		**[3.3] 3.7**	**[6,700] 7,500**	E		5.7	10,000	C		**[0.033] 0.037**	**[67] 75**	E		**[0.13] 0.17**	**[260] 340**	E	5
PCB-1260 (AROCLOR)	11096-82-5	**[0.033] 0.037**	**[150] 170**	E		**[0.13] 0.17**	**[590] 770**	E		**[3.3] 3.7**	**[15,000] 17,000**	E		8	36,000	E		**[0.033] 0.037**	**[150] 170**	E		**[0.13] 0.17**	**[590] 770**	E	5
PEBULATE	1114-71-2	**[180] 210**	**[300] 350**	E		**[510] 580**	**[860] 980**	E		9,200	10,000	C		9,200	10,000	C		**[180] 210**	**[300] 350**	E		**[510] 580**	**[860] 980**	E	30
PENTACHLOROBENZENE	608-93-5	**[2.9] 3.3**	**[230] 260**	E		**[8.2] 9.3**	**[660] 750**	E		74	5,900	E		74	5,900	E		74	5,900	E		74	5,900	E	10
PENTACHLOROETHANE	76-01-7	**[0.73] 0.81**	**[3.6] 3.9**	E		**[2.9] 3.8**	**[14] 19**	E		**[73] 81**	**[360] 390**	E		**[290] 380**	**[1,400] 1,900**	E		**[0.73] 0.81**	**[3.6] 3.9**	E		**[2.9] 3.8**	**[14] 19**	E	20
PENTACHLORO NITROBENZENE	82-68-8	**[0.25] 0.28**	**[5] 6**	E		1	**[20] 26**	E		**[25] 28**	**[500] 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	5,000	E		100	5,000	E	10
PHENACETIN	62-44-2	**[30] 33**	**[12] 13**	E		**[120] 150**	**[46] 58**	E		**[3,000] 3,300**	**[1,200] 1,300**	E		**[12,000] 15,000**	**[4,600] 5,800**	E		**[30,000] 33,000**	**[12,000] 13,000**	E		76,000	29,000	E	NA
PHENANTHRENE	85-01-8	110	10,000	E		110	10,000	E		110	10,000	E		110	10,000	E		110	10,000	E		110	10,000	E	10
PHENOL	108-95-2	200	33	E		200	33	E		20,000	3,300	E		20,000	3,300	E		20,000	3,300	E		20,000	3,300	E	NA
PHENYL MERCAPTAN	108-98-5	**[0.037] 4,200**	**[0.056] 6,400**	E		**[0.1] 12**	**[0.15] 18**	E		**[3.7] 420**	**[5.6] 640**	E		**[10] 1,200**	**[15] 1,800**	E		**[0.037] 4.2**	**[0.056] 6.4**	E		**[0.1] 12**	**[0.15] 18**	E	30
PHENYLENEDIAMINE, M-	108-45-2	**[22] 25**	**[3.1] 3.5**	E		**[61] 70**	**[8.6] 9.9**	E		**[2,200] 2,500**	**[310] 350**	E		**[6,100] 7,000**	**[860] 990**	E		**[22,000] 25,000**	**[3,100] 3,500**	E		**[61,000] 70,000**	**[8,600] 9,900**	E	NA
PHENYLPHENOL, 2-	90-43-7	**[35] 38**	**[500] 550**	E		**[140] 180**	**[2,000] 2,600**	E		**[3,500] 3,800**	**[50,000] 55,000**	E		**[14,000] 18,000**	190,000	C		**[35,000] 38,000**	190,000	C		70,000	190,000	C	15

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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		
PHORATE	298-02-2	[0.73] **0.83**		[1.6] **1.8**	E	2		[4.3] **4.9**	E	[73] **83**		[160] **180**	E	[200] **230**		[430] **490**	E	[0.73] **0.83**		[1.6] **1.8**	E	2		[4.3] **4.9**	E	30
PHTHALIC ANHYDRIDE	85-44-9	[7,300] **8,300**		[2,300] **2,600**	E	[20,000] **23,00**		[6,200] **7,100**	E	190,000		190,000	C	190,000		190,000	C	190,000		190,000	C	190,000		190,000	C	NA
PICLORAM	1918-02-1	50		7.4	E	50		7.4	E	5,000		740	E	5,000		740	E	50		7.4	E	50		7.4	E	NA
PROMETON	1610-18-0	40		39	E	40		39	E	4,000		3,900	E	4,000		3,900	E	40		39	E	40		39	E	NA
PRONAMIDE	23950-58-5	[270] **310**		[170] **190**	E	[770] **880**		[470] **540**	E	1,500		920	E	1,500		920	E	[270] **310**		[170] **190**	E	[770] **880**		[470] **540**	E	NA
PROPANIL	709-98-8	[18] **21**		[9.2] **11**	E	[51] **58**		[26] **30**	E	[1,800] **2,100**		[920] **1,100**	E	[5,100] **5,800**		[2,600] **3,000**	E	[18] **21**		[9.2] **11**	E	[51] **58**		[26] **30**	E	NA
PROPANOL, 2- (ISOPROPYL ALCOHOL)	67-63-0	1,500		260	E	6,200		1,100	E	10,000		10,000	C	10,000		10,000	C	1,500		260	E	6,200		1,100	E	NA
PROPAZINE	139-40-2	1		0.5	E	1		0.5	E	100		50	E	100		50	E	1		0.5	E	1		0.5	E	NA
PROPHAM	122-42-9	10		2.4	E	10		2.4	E	1,000		240	E	1,000		240	E	10		2.4	E	10		2.4	E	NA
PROPYLBENZENE, N-	103-65-1	[150] **210**		[290] **400**	E	[410] **880**		[780] **1,700**	E	5,200		9,900	E	5,200		9,900	E	[150] **210**		[290] **400**	E	[410] **880**		[780] **1,700**	E	30
PROPYLENE OXIDE	75-56-9	[0.28] **0.3**		[0.049] **0.052**	E	[1.1] **1.4**		[0.19] **0.24**	E	[28] **30**		[4.9] **5.2**	E	[110] **140**		[19] **24**	E	[0.28] **0.30**		[0.049] **0.052**	E	[1.1] **1.4**		[0.19] **0.24**	E	NA
PYRENE	129-00-0	13		2,200	E	13		2,200	E	13		2,200	E	13		2,200	E	13		2,200	E	13		2,200	E	10
PYRIDINE	110-86-1	[3.7] **4.2**		[0.41] **0.47**	E	[10] **12**		[1.1] **1.3**	E	[370] **420**		[41] **47**	E	[1,000] **1,200**		[110] **130**	E	[37] **42**		[4.1] **4.7**	E	[100] **120**		[11] **13**	E	NA
QUINOLINE	91-22-5	[0.022] **0.024**		[0.074] 0.081	E	[0.087] **0.11**		[0.29] **0.37**	E	[2.2] **2.4**		[7.4] **8.1**	E	[8.7] **11**		[29] **37**	E	[22] **24**		[74] **81**	E	[87] **110**		[290] **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	[7,300] **8,300**		[850] **970**	E	[20,000] **23,000**		[2,300] **2,700**	E	190,000		[85,000] **97,000**	E	190,000		190,000	C	[7,300] **8,300**		[850] **970**	E	[20,000] **23,000**		[2,300] **2,700**	E	NA
RONNEL	299-84-3	[180] **210**		[280] **330**	E	[510] **580**		[800] **910**	E	4,000		6,200	E	4,000		6,200	E	[180] **210**		[280] **330**	E	[510] **580**		[800] **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

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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	
STRYCHNINE	57-24-9	[1.1] **1.3**	[0.89] **1.1** E	[3.1] **3.5**	[2.5] **2.8** E	[110] **130**	[89] **110** E	[310] **350**	[250] **280** E			[1,100] **1,300**	[890] **1,100** E	[3,100] **3,500**	[2,500] **2,800** E	NA
STYRENE	100-42-5	10	24 E	10	24 E	1,000	2,400 E	1,000	2,400 E			1,000	2,400 E	1,000	2,400 E	30
TEBUTHIURON	34014-18-1	50	83 E	50	83 E	5,000	8,300 E	5,000	8,300 E			50	83 E	50	83 E	30
TERBACIL	5902-51-2	9	2.2 E	9	2.2 E	900	220 E	900	220 E			9	2.2 E	9	2.2 E	NA
TERBUFOS	13071-79-9	0.04	0.055 E	0.04	0.055 E	4	5.5 E	4	5.5 E			0.04	0.055 E	0.04	0.055 E	30
TETRACHLOROBENZENE, 1,2,4,5-	95-94-3	[1.1] **1.3**	[5.1] **6** E	[3.1] **3.5**	[14] **16** E	58	270 E	58	270 E			58	270 E	58	270 E	20
TETRACHLORODIBENZO-P-DIOXIN, 2,3,7,8- (TCDD)	1746-01-6	0.000003	0.032 E	0.000003	0.032 E	0.0003	3.2 E	0.0003	3.2 E			0.0019	20 E	0.0019	20 E	5
TETRACHLOROETHANE, 1,1,1,2-	630-20-6	7	18 E	7	18 E	700	1,800 E	700	1,800 E			700	1,800 E	700	1,800 E	30
TETRACHLOROETHANE, 1,1,2,2-	79-34-5	0.08	0.026 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	[110] **130**	[1,700] **2,000** E	[310] **350**	[4,800] **5,500** E	[11,000] **13,000**	[170,000] **190,000**	[E] **C**	18,000	190,000 C		18,000	190,000 C	18,000	190,000 C	15
TETRAETHYL LEAD	78-00-2	[0.00037] **0.00042**	[0.0046] **0.0052** E	[0.001] **0.0012**	[0.012] **0.015** E	[0.037] **0.042**	[0.46] **0.52** E	0.1	[1.2] **1.5** E			[0.37] **0.42**	[4.6] **0.52** E	1	[12] **15** E	15
TETRAETHYLDITHIO PYROPHOSPHATE	3689-24-5	[1.8] **2.1**	[2.7] **3.1** E	[5.1] **5.8**	[7.6] **8.6** E	[180] **210**	[270] **310** E	[510] **580**	[760] **860** E			[1.8] **2.1**	[2.7] **3.1** E	[5.1] **5.8**	[7.6] **8.6** E	30
TETRAHYDROFURAN	109-99-9	[2.5] **2.6**	[0.55] **0.57** E	13	2.8 E	[250] **260**	[55] **57** E	1,300	280 E			[2.5] **2.6**	[0.55] **0.57** E	13	2.8 E	NA
THIOFANOX	39196-18-4	[1.1] **1.3**	[0.12] **0.14** E	[3.1] **3.5**	[0.34] **0.39** E	[110] **130**	[12] **14** E	[310] **350**	[34] **39** E			[1.1] **1.3**	[0.12] **0.14** E	[3.1] **3.5**	[0.34] **0.39** E	NA
THIRAM	137-26-8	[18] **21**	[47] **55** E	[51] **58**	[130] **150** E	[1,800] **2,100**	[4,700] **5,500** E	3,000	7,800 E			[18] **21**	[47] **55** E	[51] **58**	[130] **150** E	20
TOLUENE	108-88-3	100	44 E	100	44 E	10,000	4,400 E	10,000	4,400 E			10,000	4,400 E	10,000	4,400 E	NA

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		Residential		Nonresidential		Residential		Nonresidential				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	
TOLUIDINE, M-	108-44-1	**[0.37] 0.41**	**[0.17] 0.19** E	**[1.4] 1.9**	**[0.65] 0.88** E	**[37] 41**	**[17] 19** E	**[140] 190**	**[65] 88** E			**[0.37] 0.41**	**[0.17] 0.19** E	**[1.4] 1.9**	**[0.65] 0.88** E	NA
TOLUIDINE, O-	95-53-4	**[0.37] 4.6**	**[0.42] 5.2** E	**[1.4] 21**	**[1.6] 24** E	**[37] 460**	**[42] 520** E	**[140] 2,100**	**[160] 2,400** E			**[370] 4,600**	**[420] 5,200** E	**[1,400] 10,000**	**[1,600] 10,000**	**[E] C** NA
TOLUIDINE, P-	106-49-0	**[0.35] 2.4**	**[0.32] 2.2** E	**[1.4] 11**	**[1.3] 10** E	**[35] 240**	**[32] 220** E	**[140] 1,100**	**[130] 1,000** E			**[0.35] 2.4**	**[0.32] 2.2** E	**[1.4] 11**	**[1.3] 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	**[47] 54**	**[240] 280** E	**[130] 150**	**[660] 770** E	400	2,000 E	400	2,000 E			**[47] 54**	**[240] 280** E	**[130] 150**	**[660] 770** E	15
TRIBROMOMETHANE (BROMOFORM) **(THM)**	75-25-2	8	3.5 E	8	3.5 E	800	350 E	800	350 E			800	350 E	800	350 E	NA
TRICHLORO-1,2,2-TRIFLUOROETHANE, 1,1,2-	76-13-1	6,300	10,000 C	10,000	10,000 C	10,000	10,000 C	10,000	10,000 C			10,000	10,000 C	10,000	10,000 C	20
TRICHLOROACETIC ACID (HAA)	**76-03-9**	**2**	**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	2,700 E	700	2,700 E			4,400	10,000 C	4,400	10,000 C	20
TRICHLOROBENZENE, 1,3,5-	108-70-3	4	31 E	4	31 E	400	3,100 E	400	3,100 E			4	31 E	4	31 E	15
TRICHLOROETHANE, 1,1,1-	71-55-6	20	7.2 E	20	7.2 E	2,000	720 E	2,000	720 E			200	72 E	200	72 E	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	**[370] 420**	**[2,300] 2,600** E	**[1,000] 1,200**	**[6,100] 7,300** E	**[37,000] 42,000**	190,000 C	100,000	190,000 C			100,000	190,000 C	100,000	190,000 C	15
TRICHLOROPHENOL, 2,4,6-	88-06-2	**[3.7] 4.2**	**[11] 12** E	**[10] 12**	**[29] 34** E	**[370] 420**	**[1,100] 1,200** E	**[1,000] 1,200**	**[2,900] 3,400** E			**[3,700] 4,200**	**[11,000] 12,000** E	**[10,000] 12,000**	**[29,000] 34,000** E	20
TRICHLOROPHENOXY ACETIC ACID, 2,4,5- (2,4,5-T)	93-76-5	7	1.5 E	7	1.5 E	700	150 E	700	150 E			7,000	1,500 E	7,000	1,500 E	NA
TRICHLOROPHENOXY PROPIONIC ACID, 2,4,5-(2,4,5-TP)(SILVEX)	93-72-1	5	22 E	5	22 E	500	2,200 E	500	2,200 E			5	22 E	5	22 E	20

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		TDS ≤ 2500				TDS > 2500												
		Residential				Residential												
		100 X GW MSC	Generic Value			100 X GW MSC	Generic Value											
		Nonresidential				Nonresidential												
		100 X GW MSC	Generic Value			100 X GW MSC	Generic Value											
TRICHLOROPROPANE, 1,1,2-	598-77-6	**[18] 21**	**[3.1] 3.6**	E	**[51] 58**	**[8.7] 9.9**	E	**[1,800] 2,100**	**[310] 360**	E	**[5,100] 5,800**	**[870] 990**	E	**[18] 21**	**[3.1] 3.6**	**E**	**[51] 58**	**[8.7] 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	**[0.21] 0.063**	**[0.12] 0.037**	E	**[0.88] 0.26**	**[0.52] 0.15**	E	**[21] 6.3**	**[12] 3.7**	E	**[88] 26**	**[52] 15**	E	**[0.21] 0.063**	**[0.12] 0.037**	E	**[0.88] 0.26**	**[0.52] 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
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	**[3,200] 3,500**	E	150	840	E	620	3,500	E	15
TRIMETHYLBENZENE, 1,3,5-	108-67-8	**[1.3] 42**	**[2.3] 74**	E	**[5.3] 120**	**[9.3] 210**	E	**[130] 4,200**	**[230] 7,400**	E	**[530] 4,900**	**[930] 8,600**	E	**[1.3] 42**	**[2.3] 74**	E	**[5.3] 120**	**[9.3] 210**	E	30
TRINITROGLYCEROL (NITROGLYCERIN)	55-63-0	0.5	0.056	E	0.5	0.056	E	50	5.6	E	50	5.6	E	0.5	0.056	E	0.5	0.056	E	NA
TRINITROTOLUENE, 2,4,6-	118-96-7	0.2	0.023	E	0.2	0.023	E	20	2.3	E	20	2.3	E	0.2	0.023	E	0.2	0.023	E	NA
VINYL ACETATE	108-05-4	42	5	E	180	21	E	4,200	500	E	10,000	2,100	E	42	5	E	180	21	E	NA
VINYL BROMIDE (BROMOETHENE)	593-60-2	0.15	0.073	E	0.78	0.38	E	15	7.3	E	78	38	E	1.5	0.73	E	7.8	3.8	E	NA
VINYL CHLORIDE	75-01-4	0.2	0.027	E	0.2	0.027	E	20	2.7	E	20	2.7	E	2	0.27	E	2	0.27	E	NA
WARFARIN	81-81-2	**[1.1] 1.3**	**[2.6] 3.1**	E	**[3.1] 3.5**	**[7.4] 8.4**	E	**[110] 130**	**[260] 310**	E	**[310] 350**	**[740] 840**	E	**[1,100] 1,300**	**[2,600] 3,100**	E	1,700	4,100	E	30
XYLENES (TOTAL)	1330-20-7	1,000	990	E	1,000	990	E	10,000	10,000	C	10,000	10,000	C	10,000	10,000	C	10,000	10,000	C	NA
ZINEB	12122-67-7	**[180] 210**	**[29] 33**	E	**[510] 580**	**[81] 92**	E	1,000	160	E	1,000	160	E	**[180] 210**	**[29] 33**	E	**[510] 580**	**[81] 92**	E	NA

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