Appendix A
Table 5 - Physical and Toxicological Properties
A. Organic Regulated Substances

Regulated Substance	CAS	RfDo (mg/kg-d)	CSFo (mg/kg-d)-1	RfDi (mg/kg-d)	CSFi (mg/kg-d)-1	Koc	VOC?	Aqueous Sol (mg/L)	Aqueous Sol Reference	TF Vol from Surface Soil	TF Vol from SubSurface Soil	Organic Liquid	Boiling Point (degrees C)	Degradation Coefficient (K)
ACENAPHTHENE	83-32-9	0.06 I		0.06 Ir		4900		[3.47] 3.8	1,5,6				279	1.24
ACENAPHTHYLENE	208-96-8	0.06 S		0.06 S		4500		[3.93] 16.1	5,6,7				280	2.11
ACEPHATE	30560-19-1	0.004	0.0087			3		818000	6					
ACETALDEHYDE	75-07-0		0.0077 Ir	[0.0028] 0.0026 I	0.0077 I	4.1	X	1000000	[11] 1	13100	15100	X	20	
ACETONE	67-64-1	0.1 I		8.86 D		0.31	X	1000000	[11] 1	13100	15000	X	56	18.07
ACETONITRILE	75-05-8	[0.006]		[0.006] 0.017 I		0.5	X	[74000] 1000000	[11] 1	13100	15000	X	82	4.50
ACETOPHENONE	98-86-2	0.1 I		0.1 Ir		170		5500	[12] 1			X	203	
ACETYLAMINOFLUORENE, 2- (2AAF)	53-96-3		3.8 C		[4.55] 3.8 C	1600		[5.29] 10.13	[11] 7				303	0.69
ACROLEIN	107-02-8	0.02 H		[5.7142857142 8571E-06] 0.0000057 I		0.56	X	[212500] 208000	[11] 1,2,4	13100	15100	X	53	4.50
ACRYLAMIDE	79-06-1	0.0002 I	4.5 Ir	0.0002 Ir	4.55 I	25	X	[640000] 2151000	[11] 4			X	192.6	
ACRYLIC ACID	79-10-7	0.5 I		0.0002857 I		29	X	1000000	[11] 2	13000	14900	X	141	1.39
ACRYLONITRILE	107-13-1	0.001 H	0.54 I	0.0005714 I	0.238 I	11	X	[74500] 73500	[11] 1	13100	15100	X	77	5.50
ALACHLOR	15972-60-8	0.01 I	0.08 H	0.01	0.08 Hr	110		140	[4] 2				100	
ALDICARB	116-06-3	0.001 I		0.001 Ir		22		6000	[9] 2				287	0.40
ALDRIN	309-00-2	0.00003 I	17 I	0.00003 Ir	17.15 I	48000		[0.18] 0.02	[11] 4,5,6				145	0.22
ALLYL ALCOHOL	107-18-6	0.005 I		0.005 Ir		3.2	X	[320000] 1000000	[15] 2	13100	15000	X	97	18.07
AMINOBIPHENYL, 4-	92-67-1		21 C		21 C	110		[311] 1200	[11] 5				302	18.07
AMITROLE	61-82-5		0.94 C		0.945 C	120		280000	[7] 4				200	0.69
AMMONIA	7664-41-7	0.97 H		0.028571429 I		3	X	310000	2,5,7	13100	15000	X	-33.3	
AMMONIUM SULFAMATE	7773-06-0	0.2 I		0.2		3		2160000	10				200	
ANILINE	62-53-3	[0.0016] 0.007 N	0.0057 I	0.0002857 I	0.0056 C	190	X	[36000] 33800	[11] 1	13000	14900	X	184	
ANTHRACENE	120-12-7	0.3 I		0.3		21000		[0.0434] 0.066	[11] 1,5,6,7,8,9				340	0.28
ATRAZINE	1912-24-9	0.035 I	0.222 H	0.035	0.222 Hr	130		70	[8] 2,4,5				200	
BAYGON (PROPOXUR)	114-26-1	0.004 I		0.004		31		2000	2,4,5				decomp.	4.50
BENOMYL	17804-35-2	0.05 I				1,900		2	5					
BENTAZON	25057-89-0	0.03 I				13		500	2					
BENZENE	71-43-2	0.003 N	0.029 I	0.0017 N	[0.02905] 0.027 I	58	X	[1790] 1780.5	[11] 1,2,3,4	13100	15000	X	81	0.35
BENZIDINE	92-87-5	0.003 I	230 I	0.003	230 I	530,000		520	1,2,4				400	15.81
BENZO[A]ANTHRACENE	56-55-3		0.73 N		[0.385] 0.31 T	350000		[0.014]	1,5,6				438	0.19
BENZO[A]PYRENE	50-32-8		7.3 I		[3.85] 3.1 N	910000		0.0038	1,5,6				495	0.24
BENZO[B]FLUORANTHENE	205-99-2		0.73 N		[0.385] 0.31 T	550000		0.0012	5,6,7				357	0.21
BENZO[GHI]PERYLENE	191-24-2	0.06 S		0.06 S		2800000		0.00026	1,5,6				500	0.19
BENZO[K]FLUORANTHENE	207-08-9		0.073 N	0.06	[0.385] 0.031 T	4400000		0.00055	5,6,7				480	0.06
BENZOIC ACID	65-85-0	4 I		4 Ir		32		[3400] 2700	2,3,4,5				249	
BENZOTRICHLORIDE	98-07-7		13 I			920		53	1,5,13			X	220.8	121413.60
BENZYL ALCOHOL	100-51-6	0.3 H		0.3 Hr		100		[42900] 40000	[5] 1,2,3			X	205	
BENZYL CHLORIDE	100-44-7		0.17 I		0.1715 C	190	X	[525] 493	[11] 1	13000	15000	X	179	20.90
BHC, ALPHA	319-84-6	[0.0003] 0.008 D	6.3 I	[0.0003] 0.0006 S	6.3 I	1800		[2] 1.7	4,5,6,7				288	0.94
BHC, BETA-	319-85-7	[0.0003] 0.0006 D	1.8 I	[0.0003] 0.0006 Dr	1.855 I	2300		[5] 0.1	[5] 6				60	1.02
BHC, DELTA-	319-86-8	[0.0003] 0.0006 S		[0.0003] 0.0006 S		1900		[21.3] 8	[12] 6				60	1.26
BHC, GAMMA (LINDANE)	58-89-9	0.0003 I	[1.1] 1.3 H	0.0003 Ir	1.085 C	1400		7.3	[11] 4,5,6				323	1.05
BIPHENYL, 1,1-	92-52-4	0.05 I		0.05 Ir		1,700		7.2	1				255	18.07
BIS(2-CHLOROETHYL)ETHER	111-44-4		1.1 I		1.155 I	76	X	[17200] 10200	[11] 1,4,5	13000	14900	X	179	0.69
BIS(2-CHLORO-ISOPROPYL)ETHER	108-60-1	0.04 I	0.07 H	0.04 Ir	0.035 H	62	X	1700	[12] 5	13000	14900	X	189	0.69
BIS(CHLOROMETHYL)ETHER	542-88-1		220 I		217 I	16	X	22000	[2] 6	13100	15100	X	105	57270.57
BIS[2-ETHYLHEXYL] PHTHALATE	117-81-7	0.02 I	0.014 I	0.02 Ir	0.014 N	87000		[0.34] 0.285	[11] 4,5,6			X	384	0.65
BISPHENOL A	80-05-7	0.05 I				1,500		120	4				220	0.69
BROMACIL	314-40-9	[0.13] 0.1 M				58		815	2					
BROMOCHLOROMETHANE	74-97-5	[0.13] 0.01 M				27	X	16700	4	13100	15000	X	68	
BROMODICHLOROMETHANE	75-27-4	0.02 I	0.062 I	0.02 Ir	0.1295 C	93	X	[6735] 4500	[11] 6	13100	15000	X	87	
BROMOMETHANE	74-83-9	0.0014 I		0.0014285 I		170	X	[15220] 17500	[11] 2	13100	15000	X	4	6.66
BROMOXYNIL	1689-84-5	0.02 I				300		130	2					

1 Aqueous solubility references are keyed to the numbered list found at 250.304(f). Where there are multiple sources cited, the table value is the median of the values in the individual references.

Appendix A
Table 5 - Physical and Toxicological Properties
A. Organic Regulated Substances

Regulated Substance	CAS	RfDo (mg/kg-d)	CSFo (mg/kg-d)-1	RfDi (mg/kg-d)	CSFi (mg/kg-d)-1	Koc	VOC?	Aqueous Sol (mg/L)	Aqueous Sol Reference	TF Vol from Surface Soil	TF Vol from SubSurface Soil	Organic Liquid	Boiling Point (degrees C)	Degradation Coefficient (K)
BROMOXYNIL OCTANOATE	1689-99-2	0.02 I				18,000		0.08	12					5.75
BUTADIENE, 1,3-	106-99-0		3.4 C		0.98 I	120		735	1				-4.5	4.50
BUTYL ALCOHOL, N-	71-36-3	0.1 I		0.1 Ir		3.2	X	[63200] 74000	[11] 1	13000	14900	X	118	4.68
BUTYLATE	2008-41-5	0.05 I				540	X	45	2	13200	15200	X	138	
BUTYLBENZENE, N-	104-51-8	[0.01] 0.04 N				2,500	X	15	1,6,7	13100	15100	X	183.1	
BUTYLBENZENE, SEC-	135-98-8	[0.01] 0.04 N				890	X	17	1,6,7	13100	15000	X	173.5	
BUTYLBENZENE, TERT-	98-06-6	[0.01] 0.04 N				680	X	30	1,6,7	13100	15000	X	169	
BUTYLBENZYL PHTHALATE	85-68-7	0.2 I		0.2 Ir		34000		2.69	[11] 4,5,6			X	370	1.39
CAPTAN	133-06-2	0.13 I	0.0035 H	0.13 Ir	0.00231 C	200		[3.2] 0.5	[11] 4				259	589.39
CARBARYL	63-25-2	0.1 I		0.1 Ir		190		[82.6] 120	[11] 2,4,5				315	4.22
CARBAZOLE	86-74-8		0.02 H			2,500		1.2	1,5,6				355	
CARBOFURAN	1563-66-2	0.005 I		0.005 Ir		43		700	[13] 2				200	
CARBON DISULFIDE	75-15-0	0.1 I		0.19999 I		300	X	[1185] 2100	[11] 1,2,3	13100	15100	X	46	
CARBON TETRACHLORIDE	56-23-5	0.0007 I	0.13 I	0.00057 N	0.0525 I	160	X	[804.8] 795	[11] 1,2,3	13100	15000	X	77	0.07
CARBOXIN	5234-68-4	0.1 I				260		170	5,6,8					
CHLORAMBEN	133-90-4	0.015 I		0.015 Ir		20		700	2				210	
CHLORDANE	57-74-9	[0.00006] I 0.0005	[1.3] 0.35 I	[0.00006] I 0.0002	[1.3] 0.35 I	98000		0.056	[11] 4,5,7				175	0.091
CHLORO-1,1-DIFLUOROETHANE, 1-	75-68-3			14.28571429 I		22		1400	4				-9.2	
CHLORO-1-PROPENE, 3- (ALLYL CHLORIDE)	107-05-1	0.000286 Ir	0.021 C	0.0002857 I	0.021 C	48	X	[3370] 3300	[11] 1,3,5,7,10	13100	15000	X	45	18.07
CHLOROACETOPHENONE, 2-	532-27-4	0.00000857 Ir		8.57143E-06 I		76		1100	3				247	4.50
CHLOROANILINE, P-	106-47-8	0.004 I		0.004 Ir		460		[3.9] 3900	[2] 1				232	
CHLOROBENZENE	108-90-7	0.02 I		0.005714 H		200	X	[497] 490	[11] 3			X	132	0.84
CHLOROBENZILATE	510-15-6	0.02 I	0.27 H	0.02 Ir	0.273 H	2600		13	[11] 4			X	415	3.60
CHLOROBUTANE, 1-	109-69-3	0.4 H				580	X	680	1,2,3,4	13200	15000	X	78.5	
CHLORODIBROMOMETHANE	124-48-1	0.02 I	0.084 I	0.02 Ir	0.0945 C	83	X	[4000] 4200	[2] 4,6,7,9	13100	15100	X	116	1.39
CHLORODIFLUOROMETHANE	75-45-6			14 I		59	X	2899	4	13200	15000		-40.8	
CHLOROETHANE	75-00-3	2.86 Ir	0.0029 N	2.857 I		42	X	[5678] 5700	[11] 1	13100	15000	X	12	4.50
[CHLOROETHYL VINYL ETHER, 2-]	[110-75-8]	[0.025]		[0.025]		6.6	X	15000	[2] 4,6,7	13100	15100	X	108	
CHLOROFORM	67-66-3	0.01 I	0.0061 I	[0.01] 0.00009 N	0.0805 I	56	X	[7950] 8000	[11] 1,2,3	13100	15000	X	61	0.01
CHLORONAPHTHALENE, 2-	91-58-7	0.08 I		0.08 Ir		8500		[6.74] 11.7	[5] 1				256	
CHLORONITROBENZENE, P-	100-00-5		0.018 H			480		220	1				242	
CHLOROPHENOL, 2-	95-57-8	0.005 I		0.005 Ir		400	X	[28500] 24000	[5] 1,3,4	12900	14900	X	175	
CHLOROPRENE	126-99-8	0.02 H		0.0019999 H		50	X	[2115] 1736	[11] 9	13100	15000	X	59	0.69
CHLOROPROPANE, 2-	75-29-6			0.028571429 H		260	X	3100	1,3,5	13200	15000	X	47.2	
CHLOROTHALONIL	1897-45-6	0.015 I	0.011 H		0.0031 C	980		0.6	2				350	
CHLOROTOLUENE, O-	95-49-8	0.02 I				760	X	422	14,15	13100	15000	X	158.97	
CHLORPYRIFOS	2921-88-2	0.003 I		0.003 Ir		4600		[1.3] 1.12	[3] 2,4,6,7				200	
CHLORSULFURON	64902-72-3	0.05 I				11		192	2,5,6,8,9				152	
CHLORTHAL-DIMETHYL (DACTHAL) (DCPA)	1861-32-1	0.01 I				6,500		0.5	2,5,7				360	1.37
CHRYSENE	218-01-9		0.0073 N		[0.00385] T 0.0031	490000		[0.0018] 0.0019	[5] 1				448	0.126
CRESOL, 0- (METHYLPHENOL, 2-)	95-48-7	0.05 I				97	X	2500	3,5,6	12900	14800	X	191	18.07
CRESOL, M (METHYLPHENOL, 3-)	108-39-4	0.05 I				35		2500	2			X	202	5.16
CRESOL, P (METHYLPHENOL, 4-)	106-44-5	0.005 H				49		22000	6				202	9.03
CRESOL, P-CHLORO-M-	59-50-7	0.005 S		0.005		780		[3850] 3846	[5] 2				235	
CRESOLS	1319-77-3	0.005 S		0.005		25	X	[19320] 20000	[14] 2	13000	14900	X	139	5.16
CROTONALDEHYDE	4170-30-3		1.9 S		1.9 Sr	5.6	X	[181000] 180000	[18] 3			X	104	18.07
CROTONALDEHYDE, TRANS-	123-73-9		1.9 H		1.9 Hr	6	X	156000	1	13100	15100	X	104	18.07
CUMENE	98-82-8	[0.04] 0.1 I		0.0025713] I 0.11		2800	X	[49.9] 50	[11] 1,5,6	13100	15100	X	152	15.81
CYCLOHEXANONE	108-94-1	5 I		5 Ir		66	X	[5000] 36500	[15] 1,2,4,5	13000	14900	X	157	
CYFLUTHRIN	68359-37-5	0.025 I				130,000	X	0.001	2	13000	15000	X		
CYROMAZINE	66215-27-8	0.0075 I				1,200		11000	12				222	
DDD, 4,4'-	72-54-8		0.24 I		0.2415 C	44000		0.16	5,6,7				193	0.02
DDE, 4,4'-	72-55-9		0.34 I		0.34 C	87000		[0.0013] 0.04	5				348	0.02
DDT, 4,4'-	50-29-3	0.0005 I	0.34 I	0.0005 Ir	0.34 I	240000		[0.0017] 0.0055	5,6,7				260	0.02
DI(2-ETHYLHEXYL)ADIPATE	103-23-1	0.6 I	0.0012 I			47,000,000		200	5	13000	14900	X	214	4.50
DIALLATE	2303-16-4		0.061 H		0.061 Hr	190	X	[14] 40	[11] 2,4,6,8	12900	14900	X	150	1.39
DIAMINOTOLUENE, 2,4-	95-80-7		3.2 H		4 C	36		7470	4				292	0.69
DIAZINON	333-41-5	0.0009 H		0.0009 Hr		500		[40] 50	[15] 2,4,6,8				306	

1 Aqueous solubility references are keyed to the numbered list found at 250.304(f). Where there are multiple sources cited, the table value is the median of the values in the individual references.

Appendix A
Table 5 - Physical and Toxicological Properties
A. Organic Regulated Substances

Regulated Substance	CAS	RfDo (mg/kg-d)	CSFo (mg/kg-d)-1	RfDi (mg/kg-d)	CSFi (mg/kg-d)-1	Koc	VOC?	Aqueous Sol (mg/L)	Aqueous Sol Reference	TF Vol from Surface Soil	TF Vol from SubSurface Soil	Organic Liquid	Boiling Point (degrees C)	Degradation Coefficient (K)
DIBENZO[A,H]ANTHRACENE	53-70-3		7.3 N		[4.2] 3.1 T	1800000		[0.0005] 0.0006	1,5,6				524	0.13
DIBROMO-3-CHLOROPROPANE, 1,2-	96-12-8	0.0000571 Ir	1.4 H	0.0000571 I	0.00242 H	140	X	[1230] 1000	[11] 4	13000	15000	X	196	0.69
DIBROMOBENZENE, 1,4-	106-37-6	0.01 I				1,600		20	1				220.4	
DIBROMOETHANE, 1,2- (ETHYLENE DIBROMIDE)	106-93-4	0.0000571 Hr	85 I	0.0000571 H	0.77 I	54	X	[4152] 4150	[11] 1,2,3,5	13100	15100	X	131	2.11
DIBROMOMETHANE	74-95-3	0.01 H		0.01 Hr		110	X	[11930] 11400	[11] 1	13100	15100	X	96	4.50
DIBUTYL PHTHALATE, N-	84-74-2	0.1 I		0.1 Ir		1600		[13] 400	[11] 1,2,3			X	340	11.00
DICHLORO-2-BUTENE, 1,4-	764-41-0				9.3 H	180		850	9				156	
DICHLOROBENZENE, 1,2-	95-50-1	0.09 I		0.0571 H		350	X	[83.96] 147	[11] 1,4,5,6,7	13100	15100	X	180	0.69
DICHLOROBENZENE, 1,3-	541-73-1	[0.089] 0.0009 N		[0.089]		360	X	[125] 106	[11] 1	13100	15100	X	173	0.69
DICHLOROBENZENE, P-	106-46-7	[0.229] 0.03 N	0.024 H	0.229 I	[0.0385] 0.022 N	510		[81.3] 82.9	[11] 1				174	0.69
DICHLOROBENZIDINE, 3,3'-	91-94-1		0.45 I		1.19 C	22000		[12.3] 3.11	[11] 4,5,6				368	0.69
DICHLORODIFLUOROMETHANE (FREON 12)	75-71-8	0.2 I		0.0571 H		360	X	280	[5] 1	13200	15000	X	-30	0.69
DICHLOROETHANE, 1,1-	75-34-3	0.1 H	0.0057 C	0.143 H	0.0056 C	52	X	[5060] 5000	[5] 2	13100	15000	X	57	0.16
DICHLOROETHANE, 1,2-	107-06-2	0.03 N	0.091 I	0.23 D	0.091 I	38	X	[8608] 8412	[11] 1,2,3,4	13100	15000	X	83	0.69
DICHLOROETHYLENE, 1,1-	75-35-4	0.009 I	0.6 I	0.009 Ir	0.175 I	65	X	[2250] 2500	[11] 1,4,5	13100	15000	X	32	0.19
DICHLOROETHYLENE, CIS-1,2-	156-59-2	0.01 I		0.01 Ir		49	X	[800] 3500	[17] 1	13100	15000	X	60	0.01
DICHLOROETHYLENE, TRANS-1,2-	156-60-5	0.02 I		0.02 Ir		47	X	6300	[5] 1	13100	15000	X	48	0.01
DICHLOROMETHANE (METHYLENE CHLORIDE)	75-09-2	0.06 I	0.0075 I	0.857 H	0.00165 I	16	X	[13030] 20000	[11] 1,2,3	13100	15000	X	40	4.50
DICHLOROPHENOL, 2,4-	120-83-2	0.003 I		0.003 Ir		160		4500	[11] 1				210	5.88
DICHLOROPHENOXYACETIC ACID, 2,4- (2,4-D)	94-75-7	0.01 I		0.01 Ir		59		677	[11] 4,5,6,7,10				[160] 215	1.39
DICHLOROPROPANE, 1,2-	78-87-5	[0.00123] 0.09 D	0.068 H	[0.00123] I 0.0011	[0.068] 0.036 C	47	X	2700	[11] 1,3,4	13100	15000	X	96	0.10
DICHLOROPROPENE, 1,3-	542-75-6	[0.0003] 0.03 I	[0.18] 0.1 I	0.005714286 I	[0.13] 0.014 I	27	X	2700	6	13100	15000	X	108	22.38
DICHLOROPROPIONIC ACID (DALAPON), 2,2-	75-99-0	0.03 I		0.03 Ir		62	X	[502000] 500000	[16] 5	13000	14900	X	190	2.11
DICHLORVOS	62-73-7	0.0005 I	0.29 I	0.0001429 I	0.291 C	50		10000	[11] 2,4,5				140	
DICYCLOPENTADIENE	77-73-6	0.03 H		0.0000571 H		810	X	40	5			X	167	
DIELDRIN	60-57-1	0.00005 I	16 I	0.00005 Ir	16.1 I	11000		[0.2] 0.17	4,5,6			X	385	0.12
DIETHYL PHTHALATE	84-66-2	0.8 I		0.8 Ir		81		[896] 1080	[11] 4,5,6			X	298	2.25
DIFLUBENZURON	35367-38-5	0.02 I				1,000		0.2	2				201	
DIMETHOATE	60-51-5	0.0002 I		0.0002 Ir		110		25000	[13] 4				200	2.26
DIMETHOXYBENZIDINE, 3,3-	119-90-4		0.014 H			1,300		60	9				331	0.69
DIMETHYLAMINOAZOBENZENE, P-	60-11-7		4.6 C		4.55 C	1000		[0.23] 13.6	[11] 7				200	4.50
DIMETHYLANILINE, N,N-	121-69-7	0.002 I				180	X	1200	5,6,7,9	13000	14900	X	192	0.69
DIMETHYLBENZIDINE, 3,3-	119-93-7		9.2 H		9.2 Hr	22,000		1300	10			X	300	18.07
[DIMETHYLHYDRAZINE,1,1-]	[57-14-7]		[1.72]		[1.72]	[0.2]	[X]	[1000000]	[11]	[13000]	[15000]	[X]	[63]	[5.75]
DIMETHYLPHENOL, 2,4-	105-67-9	0.02 I		0.02 Ir		130		[7870] 7869	[11] 1,4,6,7			X	211	18.07
DINITROBENZENE, 1,3-	99-65-0	0.0001 I		0.0001 Ir		150		[469] 523	3,5,6,7				300	0.69
DINITROPHENOL, 2,4-	51-28-5	0.002 I		0.002 Ir		0.79		[2787] 5600	[11] 2,4,5,6,7				[113]	0.48
DINITROTOLUENE, 2,4-	121-14-2	0.002 I	0.31 C	0.002 Ir	0.31 C	51		270	[11] 4,5,6				300	0.69
DINITROTOLUENE, 2,6- (2,6-DNT)	606-20-2	0.001 H		0.001 Hr		74		[182] 200	[11] 6				300	0.69
DINOSEB	88-85-7	0.001 I		0.001 Ir		120		[52] 50	[1] 5				[42] 223	1.03
DIOXANE, 1,4-	123-91-1		0.011 I		0.027 C	7.8	X	1000000	[11] 5	13000	14900	X	101	0.69
DIPHENAMID	957-51-7	0.03 I				200		260	5				210	
DIPHENYLAMINE	122-39-4	0.025 I		0.025 Ir		190		300	[12] 3				302	4.50
DIPHENYLHYDRAZINE, 1,2-	122-66-7		0.8 I		0.77 I	660		[68] 0.252	[11] 6				309	0.69
DIQUAT	85-00-7	0.0022 I		0.0022 Ir		2.6		700000	[7] 5				355	
DISULFOTON	298-04-4	0.00004 I		0.00004 Ir		1000	X	25	[9] 4,5,6	13400	15400	X	133	6.02
DIURON	330-54-1	0.002 I		0.002 Ir		300		42	[3] 2,4,5				[155]	
ENDOSULFAN	115-29-7	0.006 I		0.006 Ir		2,000		0.48	4				106	2.78
ENDOSULFAN I (ALPHA)	959-98-8	0.006 S		0.006 Sr		2000		[0.53] 0.5	[5] 6				200	
ENDOSULFAN II (BETA)	33213-65-9	0.006 S		0.006 Sr		2300		[0.28] 0.45	[5] 6				390	
ENDOSULFAN SULFATE	1031-07-8	0.006 S		0.006 Sr		2300		0.117	[5] 7,9				200	
ENDOTHALL	145-73-3	0.02 I		0.02 Ir		120		100000	[1] 2				200	
ENDRIN	72-20-8	0.0003 I		0.0003 Ir		11000		[0.26] 0.23	[5] 4,6,7,9				245	
EPICHLOROHYDRIN	106-89-8	0.002 H	0.0099 I	0.0002857 I	0.0042 I	35	X	[65900] 65800	[11] 1,3,4	13000	14900	X	116	4.50
ETHEPHON	16672-87-0	0.005 I				2		1240000	12				201	
ETHION	563-12-2	0.0005 I		0.0005 Ir		8700		[0.6] 0.85	[15] 4,6,9,10			X	200	
ETHOXYETHANOL, 2- (EGEE)	110-80-5	0.4 H		[0.4] 0.057 I		12	X	1000000	[15] 2	13200	15000	X	136	4.50
ETHYL ACETATE	141-78-6	0.9 I		0.9 Ir		59	X	[80000] 80800	1,2,3,4,5,6	13100	15000	X	77	18.07
ETHYL ACRYLATE	140-88-5		0.048 H		0.048 Hr	110	X	15000	[11] 1,2,6	13100	15100	X	100	18.07

1 Aqueous solubility references are keyed to the numbered list found at 250.304(f). Where there are multiple sources cited, the table value is the median of the values in the individual references.

Appendix A
Table 5 - Physical and Toxicological Properties
A. Organic Regulated Substances

Regulated Substance	CAS	RfDo (mg/kg-d)	CSFo (mg/kg-d)-1	RfDi (mg/kg-d)	CSFi (mg/kg-d)-1	Koc	VOC?	Aqueous Sol (mg/L)	Aqueous Sol Reference	TF Vol from Surface Soil	TF Vol from SubSurface Soil	Organic Liquid	Boiling Point (degrees C)	Degradation Coefficient (K)
ETHYL BENZENE	100-41-4	0.1 I		0.286 I		220	X	[206] 161	[11] 1,3,4	13100	15000	X	136	1.11
ETHYL DIPROPYLTHIOCARBAMATE, S- (EPTC)	759-94-4	0.025 I				240	X	365	2	12900	14900	X	127	
ETHYL ETHER	60-29-7	0.2 I		0.2 Ir		68	X	[69000] 60400	[3] 1	13100	15100	X	35	
ETHYL METHACRYLATE	97-63-2	0.09 H		0.09 Hr		22		4635.5	9,10				117	
ETHYLENE GLYCOL	107-21-1	2 I		2 Ir		4.4	X	1000000	[11] 2	13100	15100	X	198	10.54
ETHYLENE THIOUREA (ETU)	96-45-7	0.00008 I	0.11 H	0.00008 Ir	0.045 C	0.23		20000	2					4.50
ETHYLP-NITROPHENYL PHENYLPHOSPHOROTHIOATE	2104-64-5	0.00001 I				1,200		3.1	4				215	
FENAMIPHOS	22224-92-6	0.00025 I		0.00025 Ir		300		[700] 329	[9] 2				200	
FENVALERATE (PYDRIN)	51630-58-1	0.025 I				4,400		0.085	5	20500	25800	X	300	
FLUOMETURON	2164-17-2	0.013 I				68		97.5	2,5,6,8					
FLUORANTHENE	206-44-0	0.04 I		0.04 Ir		49000		[0.265] 0.26	1,5,6				375	0.29
FLUORENE	86-73-7	0.04 I		0.04 Ir		7900		[0.19] 1.9	[5] 1				298	2.11
FLUOROTRICHLOROMETHANE (FREON 11)	75-69-4	0.3 I		0.2 H		130	X	[1240] 1090	1,4,5,6	13100	15000	X	24	0.35
FONOFOS	944-22-9	0.002 I		0.002 Ir		1100	X	13	[9] 5,6,8	13400	15500	X	130	
FORMALDEHYDE	50-00-0	0.2 I	0.0455 Ir	[0.2] 0.0011 D	0.0455 I	3.6	X	[50000] 55000	[11] 1	13100	15100	X	-21	18.07
FORMIC ACID	64-18-6	2 H		2 Hr		0.54	X	1000000	[15] 2	13000	14900	X	101	18.07
FOSETYL-AL	39148-24-8	3 I				310		120000	2					
FURAN	110-00-9	0.001 I				130	X	10000	1	13100	15000	X	31.36	2.25
FURFURAL	98-01-1	0.003 I		0.0143 H		6.3	X	[83000] 91000	1,2,3	13000	14900	X	162	
GLYPHOSATE	1071-83-6	0.1 I		0.1 Ir		3500		12000	[4] 1,5,6				186	
HEPTACHLOR	76-44-8	0.0005 I	4.5 I	0.0005 Ir	4.55 I	6800		0.18	[11] 4,6,7				310	46.84
HEPTACHLOR EPOXIDE	1024-57-3	0.000013 I	9.1 I	0.000013 Ir	9.1 I	21000		[0.275]	[5] 4,6,7,9				200	0.23
HEXACHLOROBENZENE	118-74-1	0.0008 I	1.6 I	0.0008 Ir	1.61 I	3800		[0.0062] 0.006	[11] 1,4,5				319	0.06
HEXACHLOROBUTADIENE	87-68-3	0.0002 H	0.078 I	0.0002 Hr	0.077 I	4700		[3.2] 2.89	[11] 4,5,6,7			X	215	0.69
HEXACHLOROCYCLOPENTADIENE	77-47-4	0.007 I		0.00002 H		7200		[3.4] 1.8	[11] 5,6,7			X	239	4.50
HEXACHLOROETHANE	67-72-1	0.001 I	0.014 I	0.001 Ir	0.014 I	2200		50	[11] 1				187	0.69
HEXANE	110-54-3	0.06 H		0.0571 I		3600	X	[9.47] 9.5	[3] 1,5,6	13100	15000	X	69	
HEXYTHIAZOX (SAVEY)	78587-05-0	0.025 I				6,500		0.5	2					
HYDRAZINE/HYDRAZINE SULFATE	302-01-2		3 I		17[.15] I	0.0053	X	1000000	2	13000	15000	X	113.5	18.07
HYDROQUINONE	123-31-9	0.04 H		0.04 Hr		10		70000	2,3,5				285	18.07
INDENO[1,2,3-CD]PYRENE	193-39-5		0.73 N		[0.385] 0.31 T	31000000		0.062	5				536	0.17
IPRODIONE	36734-19-7	0.04 I			.	1,100		13	2					
ISOBUTYL ALCOHOL	78-83-1	0.3 I		0.3 Ir		60	X	[95000] 81000	1,2,3,4,5	13000	14900	X	108	17.57
ISOPHORONE	78-59-1	0.2 I	0.00095 I	0.2 Ir	0.00095 Ir	31		12000	2,4,5			X	215	4.50
KEPONE	143-50-0	0.0005 D	16 C		16.1 C	55000		7.6	[3] 4				350	0.17
MALATHION	121-75-5	0.02 I	[0.00095]	0.02 Ir	[0.00095]	1300	X	[145] 143	[3] 4	14000	16300	X	157	2.46
MALEIC HYDRAZIDE	123-33-1	0.5 I		0.5 Ir		2.8		6000	[15] 4				260	
MANEB	12427-38-2	0.005 I				1		23	9,13					
MERPHOS OXIDE	78-48-8	0.00003 I				53,000	X	2.3	8,10,12	13100	15100	X	150	
METHACRYLONITRILE	126-98-7	0.0001 I		0.0002 H		21	X	[25000] 25700	[12] 1	13100	15100	X	90	
METHAMIDOPHOS	10265-92-6	0.00005 I				5		2000000	5					
METHANOL	67-56-1	0.5 I		0.5 Ir		2.8	X	1000000	[11] 2	13100	15100	X	65	36.14
METHOMYL	16752-77-5	0.025 I		0.025 Ir		20		58000	[9] 2				144	
METHOXYCHLOR	72-43-5	0.005 I	[0.00095]	0.005 Ir	[0.00095]	63000		[0.1] 0.045	[11] 4,5,6				346	0.69
METHOXYETHANOL, 2-	109-86-4	0.001 H		0.00571 I			X	1000000	2	13100	15000	X	124.3	4.50
METHYL ACETATE	79-20-9	1 H				30	X	243500	4,5,6	13100	15100	X	56.9	
METHYL ACRYLATE	96-33-3	0.03 H				55	X	52000	1,2,5	13100	15100	X	70	18.07
METHYL CHLORIDE	74-87-3	0.004 M	0.013 H	0.029 D	0.0063 H	6	X	[5325] 6180	[11] 1,2,3,4	13200	15000	X	-24	4.50
METHYL ETHYL KETONE	78-93-3	0.6 I		0.286 I		32	X	[223000] 275000	[11] 1,2,3,4,5	13100	15100	X	80	2.57
METHYL ISOBUTYL KETONE	108-10-1	0.08 H		[0.0229] 0.023 H		17	X	[19000] 19550	[11] 1,2,4,5	13100	15100	X	117	18.07
METHYL METHACRYLATE	80-62-6	[0.08] 1.4 I		[0.08] 0.2 I		10	X	[15000] 15600	[11] 1	13100	15100	X	100	4.5045
METHYL METHANESULFONATE	66-27-3		0.099 C		0.098 C	5.2		200000	[12] 2				203	
METHYL PARATHION	298-00-0	0.00025 I		0.00025 Ir		790	X	[50] 25	[9] 4,5,6	13500	15600	X	133	3.61
METHYL STYRENE (MIXED ISOMERS)	25013-15-4	0.006 H		0.011 H		2,200		89	9					
METHYL TERT-BUTYL ETHER (MTBE)	1634-04-4	0.857 Ir	0.0018 C	0.857 I		12	X	[51000] 45000	[11] 1,2,4,6	13100	15100	X	55	0.693
METHYLENE BIS(2-CHLOROANILINE), 4,4'-	101-14-4	0.0007 H	0.13 H	0.0007 Hr	0.13 H	3,000		13.9	10					
METHYLNAPHTHALENE, 2-	91-57-6	[0.04] 0.02 S		[0.00286] S 0.00086		16000		[24.6] 25	[5] 1			X	241	
METHYLSTYRENE, ALPHA	98-83-9	0.07 H				660	X	560	9			X	165.4	

1 Aqueous solubility references are keyed to the numbered list found at 250.304(f). Where there are multiple sources cited, the table value is the median of the values in the individual references.

Appendix A
Table 5 - Physical and Toxicological Properties
A. Organic Regulated Substances

Regulated Substance	CAS	RfDo (mg/kg-d)	CSFo (mg/kg-d)-1	RfDi (mg/kg-d)	CSFi (mg/kg-d)-1	Koc	VOC?	Aqueous Sol (mg/L)	Aqueous Sol Reference	TF Vol from Surface Soil	TF Vol from SubSurface Soil	Organic Liquid	Boiling Point (degrees C)	Degradation Coefficient (K)
NAPHTHALENE	91-20-3	[0.04] 0.02 I		[0.00286] I 0.00086		950		[31] 30	[11] 3				218	0.98
NAPHTHYLAMINE, 1-	134-32-7		1.8 S		1.8 S	3200		[1698] 1690	[11] 2				301	0.69
NAPHTHYLAMINE, 2-	91-59-8		1.8 C		1.8 C	87		[263] 6.4	[11] 6				306	0.69
NAPROPAMIDE	15299-99-7	0.1 I				880		70	2					
NITROANILINE, M-	99-09-2	0.0000571 S		0.0000571 S		18		[890] 100	[5] 3				306	
NITROANILINE, O-	88-74-4	0.0000571 Hr		0.0000571 H		27		[1260] 1200	[5] 6				284	
NITROANILINE, P-	100-01-6	0.0000571 S		0.0000571 S		15		800	[5] 2				332	
NITROBENZENE	98-95-3	0.0005 I		[0.000714] H 0.0006		130		[1900] 2000	[11] 2			X	211	0.64
NITROPHENOL, 2-	88-75-5	[0.062] 0.008 S		[0.062] 0.008 S		37		2100	[13] 1,2,3,4,5,6				215	9.01
NITROPHENOL, 4-	100-02-7	[0.062] 0.008 N		[0.062] 0.008 Nr		230		16000	[11] 2				279	25.81
NITROPROPANE, 2-	79-46-9	0.00571 Ir	[9.45] 9.4 Hr	0.00571 I	[9.45] 9.4 H	20	X	[17000] 16700	[11] 1,3,4,5	13000	14900	X	120	0.69
NITROSODIETHYLAMINE, N-	55-18-5		150 I		151 I	26	X	93000	[11] 10	13000	14900	X	176	0.69
NITROSODIMETHYLAMINE, N-	62-75-9		51 I		49 I	8.5	X	1000000	[11] 2	13000	14900	X	154	0.69
NITROSO-DI-N-BUTYLAMINE, N-	924-16-3		5.4 I		5.6 I	450		1200	9,10,13			X	235	0.69
NITROSODI-N-PROPYLAMINE, N-	621-64-7	0.095 D	7 I	0.095 Dr	7 C	11		[9894] 9900	[11] 6			X	206	0.69
NITROSODIPHENYLAMINE, N-	86-30-6		0.0049 I		0.0091 C	580		35	[11] 1				269	3.72
NITROSO-N-ETHYLUREA, N-	759-73-9		140 H		27 C	2		13000	9				125	1734.48
OCTYL PHTHALATE, DI-N-	117-84-0	0.02 H		0.02 Hr		980000000		3	[11] 5			X	234	0.69
OXAMYL (VYDATE)	23135-22-0	0.025 I		0.025 Ir		7.1		280000	[9] 2				101	
PARATHION	56-38-2	0.006 H		0.006 Hr		2300		[6.54] 20	[11] 2,4,5,6,7			X	375	
PCB-1016 (AROCLOR)	12674-11-2	0.00007 I	0.09 N	0.00007 Ir	0.09 Nr	110000		[0.049] 0.25	5			X	340	
PCB-1221 (AROCLOR)	11104-28-2		0.5 S		0.5 S	1900		[0.2] 0.59	5			X	340	
PCB-1232 (AROCLOR)	11141-16-5		0.5 S		0.5 S	1500		1.45	[5] 7			X	340	
PCB-1242 (AROCLOR)	53469-21-9		0.5 N		[0.05] 0.5 Nr	48000		[0.24] 0.1	5			X	340	
PCB-1248 (AROCLOR)	12672-29-6		1.8 S		1.8 S	190000		[0.006] 0.054	[5] 7,9,11			X	340	
PCB-1254 (AROCLOR)	11097-69-1	0.00002 I	1.8 N	0.00002 Ir	1.8 Nr	810000		[0.012] 0.057	5			X	340	
PCB-1260 (AROCLOR)	11096-82-5		0.6 N		0.6 Nr	1800000		0.08	5				[31] 385	
PEBULATE	1114-71-2	0.05 H				630	X	92	5	13000	14900	X	142	
PENTACHLOROBENZENE	608-93-5	0.0008 I		0.0008 Ir		32000		[0.24] 0.74	[3] 1,5,6,7				277	0.37
PENTACHLORONITROBENZENE	82-68-8	0.003 I	0.26 H	0.003 Ir	0.26 Hr	7900		[0.59] 0.44	[11] 4,6,8				328	0.36
PENTACHLOROPHENOL	87-86-5	0.03 I	0.12 I	0.03 Ir	0.12 Ir	20000		14	[11] 1,2,4,5				310	0.17
PHENACETIN	62-44-2		0.0022 C		0.0022 C	110		[760] 763	[12] 2,3,9				200	4.50
PHENANTHRENE	85-01-8	0.3 S		0.3 Sr		38000		[1.18] 1.1	1,4,5				341	0.63
PHENOL	108-95-2	0.6 I		0.6 Ir		22	X	[82800] 84300	[11] 1,2,3,4			X	182	36.14
PHENYLENEDIAMINE, M-	108-45-2	0.006 I		0.006 Ir		12		[447974] 351000	3				286	4.50
PHENYLPHENOL, 2-	90-43-7		0.00194 H			5,700		700	5				280	18.07
PHORATE	298-02-2	0.0002 H		0.0002 Hr		810	X	50	[12] 2	13100	15100	X	118	
PHTHALIC ANHYDRIDE	85-44-9	2 I		0.0343 H		79		[6200] 6170	[11] 2				285	13490.40
PICLORAM	1918-02-1	0.07 I				15		430	2					
POLYCHLORINATED BIPHENYLS (AROCLORS) (PCBS)	1336-36-3		2 I		2 I			0.0505	10,13					
PRONAMIDE	23950-58-5	0.075 I		0.075 Ir		200		15	[12] 2				321	
PROPANIL	709-98-8	0.005 I				160		225	2					
PROPHAM	122-42-9	0.02 I				51		250	5					
PROPYLBENZENE, N-	103-65-1	0.04 N				720	X	52	6	13100	15100	X	159.2	
PROPYLENE OXIDE	75-56-9	0.00857 Ir	0.24 I	0.008571 I	[0.0132] 0.013 I	25	X	[590000] 405000	[11] 1	13100	15000	X	34	
PYRENE	129-00-0	0.03 I		0.03 Ir		68000		[0.013] 0.132	[5] 1				393	0.07
PYRIDINE	110-86-1	0.001 I		0.001 Ir		0.0066	X	1000000	[11] 2	13100	15000	X	115	18.07
QUINOLINE	91-22-5		12 H			1,300		60000	1,3,5		14900	X	237.7	12.65
QUIZALOFOP (ASSURE)	76578-14-8	0.009 I				580		0.3	2				220	
RONNEL	299-84-3	0.05 H				580		40	2				151	
SIMAZINE	122-34-9	0.005 I	0.12 H	0.005 Ir	0.12 Hr	110		5	[4] 5				225	
STRYCHNINE	57-24-9	0.0003 I		0.0003 Ir		280		[300] 143	[13] 5				270	4.50
STYRENE	100-42-5	0.2 I		0.286 I		910	X	[320] 300	[11] 5	13100	15100	X	145	1.20
TEBUTHIURON	34014-18-1	0.07 I				620		2500	2					
TERBACIL	5902-51-2	0.013 I				53		710	2					
TERBUFOS	13071-79-9	0.000025 H		0.000025 Hr		510	X	[4.5] 5	[7] 6	13000	15000	X	69	
TETRACHLOROBENZENE, 1,2,4,5-	95-94-3	0.0003 I		0.0003 Ir		1,800		0.583	1,5,6,7				245	0.69
TETRACHLORODIBENZO-P-DIOXIN, 2,3,7,8- (TCDD)	1746-01-6	0.000000001 D	150000 H		[116000] H	4300000		0.0000193	[12] 6				412	0.21

1 Aqueous solubility references are keyed to the numbered list found at 250.304(f). Where there are multiple sources cited, the table value is the median of the values in the individual references.

Appendix A
Table 5 - Physical and Toxicological Properties
A. Organic Regulated Substances

Regulated Substance	CAS	RfDo (mg/kg-d)	CSFo (mg/kg-d)-1	RfDi (mg/kg-d)	CSFi (mg/kg-d)-1	Koc	VOC?	Aqueous Sol (mg/L)	Aqueous Sol Reference	TF Vol from Surface Soil	TF Vol from SubSurface Soil	Organic Liquid	Boiling Point (degrees C)	Degradation Coefficient (K)
TETRACHLOROETHANE, 1,1,1,2-	630-20-6	0.03 I	0.026 I	0.03 Ir	0.0259 I	980	X	1100	1			X	130.5	3.79
TETRACHLOROETHANE, 1,1,2,2-	79-34-5	0.06 N	[0.27] 0.2 I	0.06 Nr	0.203 I	79	X	[2962] 2860	[11] 2	13100	15100	X	147	0.56
TETRACHLOROETHYLENE (PCE)	127-18-4	0.01 I	0.052 N	[0.0857] 0.14 N	0.00203 N	300	X	[200] 162	[11] 1,2,3,4,5	13100	15000	X	121	0.03
TETRACHLOROPHENOL, 2,3,4,6-	58-90-2	0.03 I		0.03 Ir		6200		[1000] 183	[15] 6				150	0.69
TETRAETHYL LEAD	78-00-2	0.0000001 I		0.0000001 Ir		4900		[0.21] 0.8	[15] 5			X	200	4.50
TETRAETHYLDITHIOPYROPHOSPHATE	3689-24-5	0.0005 I		0.0005 Ir		550	X	25	2	13000	14900	X	136	
THIOFANOX	39196-18-4	0.0003 H				0.022		5200	9					
THIRAM	137-26-8	0.005 I		0.005 Ir		1000		30	[3] 4				200	
TOLUENE	108-88-3	0.2 I		0.114 I		130	X	[526] 532.4	[11] 1,2,3,4	13100	15000	X	111	9.01
TOLUIDINE, M-	108-44-1		0.24 S		0.24 Sr	140		[15114] 15030	[18] 6			X	203	
TOLUIDINE, O-	95-53-4		[0.18] 0.24 H		[0.1785] 0.24 Hr	410		[16600] 15000	[11] 1,3,5			X	200	18.07
TOLUIDINE, P-	106-49-0		0.19 H		0.19 Hr	320		[6640] 7410	[6] 1,2,3				200	
TOXAPHENE	8001-35-2	0.001 D	1.1 I	0.001 Dr	1.12 I	1500		[0.55] 3	[11] 2,4,5				432	
TRIALLATE	2303-17-5	0.013 I				2,000		4	5				117	
TRIBROMOMETHANE (BROMOFORM)	75-25-2	0.02 I	0.0079 I	0.02 Ir	0.00385 I	130	X	[3010] 3050	[11] 1,2,3,4	13100	15100	X	149	0.69
TRICHLORO-1,2,2-TRIFLUOROETHANE, 1,1,2-	76-13-1	30 I		8.57 H		1,200	X	170	1			X	47.7	0.35
TRICHLOROBENZENE, 1,2,4-	120-82-1	0.01 I	0.0036 C	0.0571 H		1500		[49] 44.4	[11] 1,4,6,7			X	213	0.69
TRICHLOROBENZENE, 1,3,5-	108-70-3	[0.01] 0.006 M		0.0571 S		3100		[6.01] 5.8	[3] 5				208	
TRICHLOROETHANE, 1,1,1-	71-55-6	[0.571] 0.28 N		[0.571] 0.63 N		100	X	1495	[11] 1,4,5,6	13100	15000	X	74	0.05
TRICHLOROETHANE, 1,1,2-	79-00-5	0.004 I	0.057 I	0.004 Ir	0.056 I	76	X	4420	[11] 1	13100	15100	X	114	0.03
TRICHLOROETHYLENE (TCE)	79-01-6	[0.002] 0.006 N	0.011 N	0.143 D	0.00595 N	93	X	1100	[11] 1	13100	15000	X	87	0.02
TRICHLOROPHENOL, 2,4,5-	95-95-4	0.1 I		0.1 Ir		2400		[1200] 1000	[11] 1,2,4				246	0.14
TRICHLOROPHENOL, 2,4,6-	88-06-2	[0.042]	0.011 I	[0.042]	0.01085 I	1100		[800] 850	[11] 1,2,4,5				246	0.14
TRICHLOROPHENOXYACETIC ACID, 2,4,5- (2,4,5-T)	93-76-5	0.01 I		0.01 Ir		43		[240] 278	[3] 2,4,5				279	1.39
TRICHLOROPHENOXYPROPIONIC ACID, 2,4,5- (2,4,5-TP)(SILVEX)	93-72-1	0.008 I		0.008 Ir		1700		140	[1] 2				200	
TRICHLOROPROPANE, 1,1,2-	598-77-6	0.005 I				24	X	2700	14	13100	15000	X	117	
TRICHLOROPROPANE, 1,2,3-	96-18-4	0.006 I	7 H	[0.0005714] N 0.0014	7 Hr	280	X	[1896] 1896	[15] 1,4,6	13100	15100	X	157	0.35
TRICHLOROPROPENE, 1,2,3-	96-19-5	0.005 H				190	X	2700	14	13100	15000	X	142	
TRIFLURALIN	1582-09-8	0.0075 I	0.0077 I	0.0075 Ir	0.0077 Ir	720		4	2,5,6,7				139	
TRIMETHYLBENZENE, 1,3,4- (TRIMETHYLBENZENE, 1,2,4-)	95-63-6	0.05 N		0.0017 N		2,200	X	56	1	13100	15000	X	169	4.50
TRIMETHYLBENZENE, 1,3,5-	108-67-8	0.05 N		0.0017 N		660	X	48.9	1	13100	15100	X	164.7	
TRINITROTOLUENE, 2,4,6-	118-96-7	0.0005 I	0.03 I			1		100	2				240	
VINYL ACETATE	108-05-4	1 I		0.0571 I		2.8	X	20000	[11] 1	13200	15000	X	73	
VINYL BROMIDE (BROMOETHENE)	593-60-2	0.000857 Ir	0.11 Hr	0.000857143 I	0.11 H	150		4180	12				15.8	0.09
VINYL CHLORIDE	75-01-4	0.003 I	[1.9] 1.5 I	0.029 I	[0.294] 0.03 I	10	X	[8800] 2700	[11] 1	13200	15000	X	-13	0.09
WARFARIN	81-81-2	0.0003 I		0.0003 Ir		910		[90.0000000 0917] 17	[9] 4				356	4.50
XYLENES (TOTAL)	1330-20-7	2 I		[2] 0.12 D		350	X	175	[10] 13	13100	15000	X	140	0.69
ZINEB	12122-67-7	0.05 I				19		10	4					

1 Aqueous solubility references are keyed to the numbered list found at 250.304(f). Where there are multiple sources cited, the table value is the median of the values in the individual references.