

Regional Screening Level (RSL) Summary Table June 2011

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; Y = New York; O = EPA Office of Water; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1																											
Toxicity and Chemical-specific Information										Contaminant			Screening Levels										Protection of Ground Water SSLs				
SFO (mg/kg-day) ⁻¹	k e y	IUR (ug/m ³) ⁻¹	k e y	RfD _a (mg/kg-day)	k e y	RfC _i (mg/m ³)	k e y	V o l u t i l e 	m u t a g e n	GIABS	ABS	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
1.8E-02 8.7E-03	C I	5.1E-06 2.2E-06	C I	1.5E-01 4.0E-03	I I					1 1	0.1 0.1		ALAR Acephate Acetaldehyde	1596-84-5 30560-19-1 75-07-0	2.7E+01 5.6E+01 1.0E+01	c c** c**	9.6E+01 2.0E+02 5.2E+01	c c* c**	4.8E-01 1.1E+00	c c**	2.4E+00 5.6E+00	c c**	3.7E+00 7.7E+00 2.2E+00	c c* c**		8.2E-04 1.7E-03 4.5E-04	
				2.0E-02 9.0E-01 3.0E-03	I I P					1 1 1	0.1 1 1	1.1E+05 1.1E+05 1.1E+05	Acetochlor Acetone Acetone Cyanohydrin	34256-82-1 67-64-1 75-86-5	1.2E+03 6.1E+04 2.0E+02	n n n	1.2E+04 6.3E+05 2.1E+03	n nms n	3.2E+04 3.2E+01	n n	1.4E+05 2.6E+02	n n	7.3E+02 2.2E+04 5.8E+01	n n n		5.8E-01 4.5E+00 1.2E-02	
3.8E+00	C	1.3E-03	C	1.0E-01	I					1 1	1.3E+05 2.5E+03	1.0E-01	Acetonitrile Acetophenone Acetylaminofluorene, 2-	75-05-8 98-86-2 53-96-3	8.7E+02 7.8E+03 1.3E-01	n ns c	3.7E+03 1.0E+05 4.5E-01	n nms c	6.3E+01 1.0E+05 1.9E-03	n n	2.6E+02 3.7E+03 9.4E-03	n n c	1.3E+02 3.7E+03 1.8E-02	n n c		2.6E-02 1.1E+00 8.2E-05	
5.0E-01	I	1.0E-04	I	5.0E-04 2.0E-03 5.0E-01	I I I	2.0E-05 6.0E-03 1.0E-03	I I I			1 1 1	0.1 0.1 0.1	2.3E+04	Acrolein Acrylamide Acrylic Acid	107-02-8 79-06-1 79-10-7	1.5E-01 9.7E-01 3.0E+04	n c n	6.5E-01 3.4E+00 2.9E+05	n cm nm	2.1E-02 2.4E-02 1.0E+00	n c n	8.8E-02 1.2E-01 4.4E+00	n c n	4.2E-02 1.3E-01 1.8E+04	n c n		8.4E-06 2.8E-05 3.7E+00	
5.4E-01 5.6E-02	I C	6.8E-05	I	4.0E-02 1.0E-02	A I	2.0E-03 6.0E-03	I P			1 1	1.1E+04 0.1 0.1	1.0E-01	Acrylonitrile Adiponitrile Alachlor	107-13-1 111-69-3 15972-60-8	2.4E-01 8.5E+06 8.7E+00	c* nm c*	1.2E+00 3.6E+07 3.1E+01	c* nm c	3.6E-02 6.3E+00	c* n	1.8E-01 2.6E+01	c* n	4.5E-02 1.2E+00	c* c		9.9E-06 2.0E+00	
1.7E+01	I	4.9E-03	I	1.0E-03 1.0E-03 3.0E-05	I I I					1 1 1	0.1 0.1 0.1		Aldicarb Aldicarb Sulfone Aldrin	116-06-3 1646-88-4 309-00-2	6.1E+01 6.1E+01 2.9E-02	n n c*	6.2E+02 6.2E+02 1.0E-01	n n c	5.0E-04 2.5E-03	c c	4.0E-03 4.0E-03 4.0E-03	c n c		9.1E-03 8.0E-03 6.5E-04			
2.1E-02	C	6.0E-06	C	2.5E-01 5.0E-03	I I	1.0E-04 1.0E-03	X I			1 1	0.1 0.1	1.4E+03	Allyl Allyl Alcohol Allyl Chloride	74223-64-6 107-18-6 107-05-1	1.5E+04 3.0E+02 6.8E-01	n n c**	1.5E+05 3.1E+03 3.4E+00	nm c* c**	5.2E+00 1.0E-01 4.1E-01	n n c**	4.4E-01 2.0E+00	n c**	9.1E+03 1.8E+02 6.5E-01	n n c**		3.5E+00 3.7E-02 2.1E-04	
				1.0E+00 4.0E-04 3.0E-04	P I I	5.0E-03	P			1 1 1	0.1 0.1 0.1		Aluminum Aluminum Phosphide Amdro	7429-90-5 20859-73-8 67485-29-4	7.7E+04 3.1E+01 1.8E+01	n n n	9.9E+05 4.1E+02 1.8E+02	nm n n	5.2E+00 2.2E+01	n n	3.7E+04 1.5E+01 1.1E+01	n n n		5.5E+04 3.9E+03			
2.1E+01	C	6.0E-03	C	9.0E-03 8.0E-02	I P					1 1	0.1 0.1		Ametryn Aminobiphenyl, 4- Aminophenol, m-	834-12-8 92-67-1 591-27-5	5.5E+02 2.3E-02 4.9E+03	n c n	5.5E+03 8.2E-02 4.9E+04	n c n	4.1E-04 2.0E-03	c c	3.3E+02 3.2E-03 2.9E+03	n c n		3.5E-01 1.6E-05 1.1E+00			
				2.0E-02 2.5E-03	P I					1 1	0.1 0.1		Aminophenol, p- Amitraz Ammonia	123-30-8 33089-61-1 7664-41-7	1.2E+03 1.5E+02	n n	1.2E+04 1.5E+03	n n	1.0E+02 4.4E+02	n n	7.3E+02 9.1E+01	n n		2.8E-01 4.7E+01			
5.7E-03 4.0E-02	I P	1.6E-06	C	2.0E-01 7.0E-03 2.0E-03	I P X	1.0E-03	I			1 1	0.1 0.1		Ammonium Sulfamate Aniline Anthraquinone, 9,10-	7773-06-0 62-53-3 84-65-1	1.6E+04 8.5E+01 1.2E+01	n c** c*	2.0E+05 3.0E+02 4.3E+01	nm c* c*	1.0E+00 5.2E-02	n n	4.4E+00 2.9E-01	n n	7.3E+03 1.2E+01 1.7E+00	n c* c*		4.0E-03	
				4.0E-04 5.0E-04 9.0E-04	I H H					0.15 0.15 0.15			Antimony (metallic) Antimony Pentoxide Antimony Potassium Tartrate	7440-36-0 1314-60-9 11071-15-1	3.1E+01 3.9E+01 7.0E+01	n n n	4.1E+02 5.1E+02 9.2E+02	n n n	3.1E+01 5.2E-01	n n	4.1E+02 8.8E-01	n n	1.5E+01 1.8E+01 3.3E+01	n n n	6.0E+00	6.6E-01 2.7E-01	
				4.0E-04 1.3E-02	H I					0.15 0.1			Antimony Tetroxide Antimony Trioxide Apollo	1332-81-6 1309-64-4 74115-24-5	3.1E+01 2.8E+05 7.9E+02	n nm n	4.1E+02 1.2E+06 8.0E+03	n nm n	2.1E-01 2.1E-01	n n	8.8E-01 4.7E+02	n n			2.9E+01		
2.5E-02 1.5E+00	I I	7.1E-06 4.3E-03	I	5.0E-02 3.0E-04 3.5E-06	H I C					1 1 1	0.1 0.03		Aramite Arsenic, Inorganic Arsine	140-57-8 7440-38-2 7784-42-1	1.9E+01 3.9E+01 2.7E-01	c c* n	6.9E+01 1.6E+00 3.6E+00	c c n	3.4E-01 5.7E-04 5.2E-02	c c* n	1.7E+00 2.9E-03 2.2E-01	c c* n	2.7E+00 4.5E-02 1.3E-01	c n n	1.0E+01	3.0E-02 1.3E-03 2.9E-01	
2.3E-01	C			9.0E-03 5.0E-02 3.5E-02	I I I					1 1 1	0.1 0.1 0.1		Assure Asulam Atrazine	76578-14-8 3337-71-1 1912-24-9	5.5E+02 3.1E+03 2.1E+00	n n c	5.5E+03 3.1E+04 7.5E+00	n n c					3.3E+02 1.8E+03 2.9E-01	n n n	3.0E+00	5.1E+00 4.7E-01 1.9E-04	1.9E-03
8.8E-01 1.1E-01	C I	2.5E-04 3.1E-05	C I	4.0E-04	I					1 1	0.1 0.1		Auramine Avermectin B1 Azobenzene	492-80-8 65195-55-3 103-33-3	5.5E-01 2.4E+01 5.1E+00	c n c	2.0E+00 2.5E+02 2.3E+01	c c c	9.7E-03 7.8E-02 7.8E-02	c c c	4.9E-02 4.0E-01	c n	7.6E-02 1.5E+01 1.2E-01	c n c		7.0E-04 2.6E+01 9.6E-04	
				2.0E-01 4.0E-03 3.0E-02	I I I	5.0E-04	H			0.07 1 1			Barium Baygon Bayleton	7440-39-3 114-26-1 43121-43-3	1.5E+04 2.4E+02 1.8E+03	n n n	1.9E+05 2.5E+03 1.8E+04	nm n n	5.2E-01 2.2E+00	n n	2.2E+00 7.3E+03	n n	3.0E+02 1.5E+02 1.1E+03	n n n	2.0E+03	3.0E+02 4.7E-02 8.7E-01	8.2E+01
				2.5E-02 3.0E-01 5.0E-02	I I I					1 1 1	0.1 0.1 0.1		Baythroid Benefin Benomyl	68359-37-5 1861-40-1 17804-35-2	1.5E+03 1.8E+04 3.1E+03	n n n	1.5E+04 1.8E+05 3.1E+04	n nm n					9.1E+02 1.1E+04 1.6E+03	n c n		2.4E+02 3.6E+02 1.6E+00	
5.5E-02	I	7.8E-06	I	3.0E-02	I					1 1	0.1 1.8E+03		Bentazon Benzaldehyde Benzene	25057-89-0 100-52-7 71-43-2	1.8E+03 7.8E+03 1.1E+00	n ns c*	1.8E+04 1.0E+05 5.4E+00	n nms c*	3.1E-01 1.6E+00	c c*	1.6E+00 4.1E-01	c c*	5.0E+00	2.4E-01 8.1E-01 2.1E-04		2.6E-03	
				2.0E-04 1.0E-03 3.0E-03	X P I					1 1 1	0.1 1.3E+03		Benzenediamine-2-methyl sulfate, 1,4- Benzenethiol Benzidine	6369-59-1 108-98-5 92-87-5	1.2E+01 7.8E+01 5.0E-04	n n c	1.2E+02 1.0E+03 7.5E-03	n n cm	1.4E-05 1.8E-04	n c	7.3E+00 3.7E+01 9.4E-05	n n c		2.4E-02 3.7E+01 2.4E-07			
1.3E+01	I			4.0E+00 1.0E-01	I P					1 1	0.1 3.2E+02		Benzoic Acid Benzotrithloride Benzyl Alcohol	65-85-0 98-07-7 100-51-6	2.4E+05 4.9E-02 6.1E+03	nm c n	2.5E+06 2.2E-01 6.2E+04	nm c n			1.5E+05 5.2E-03 3.7E+03	n c n		3.4E+01 1.1E-05 8.9E-01			
1.7E-01	I	4.9E-05 2.4E-03	C I	2.0E-03 2.0E-03	P I	1.0E-03 2.0E-05	P I	V		1 0.007	1.5E+03		Benzyl Chloride Beryllium and compounds	100-44-7 7440-41-7	1.0E+00 1.6E+02	c* n	4.9E+00 2.0E+03	c* n	5.0E-02 1.0E-03	c* c*	2.5E-01 5.1E-03	c* c*	7.9E-02 7.3E+01	c* n	4.0E+00	8.7E-05 5.8E+01	3.2E+00

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Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; Y = New York; O = EPA Office of Water; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1																											
Toxicity and Chemical-specific Information										Contaminant					Screening Levels										Protection of Ground Water SSLs		
SFO (mg/kg-day) ⁻¹	k _e y	IUR (ug/m ³) ⁻¹	k _e y	RfD _o (mg/kg-day)	k _e y	RfC _i (mg/m ³)	k _e y	V _o c	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
				1.0E-04	I					1	0.1		Bidrin	141-66-2	6.1E+00	n	6.2E+01	n					3.7E+00	n		8.5E-04	
				9.0E-03	P					1	0.1		Bifenox	42576-02-3	5.5E+02	n	5.5E+03	n					3.3E+02	n		2.5E+00	
				1.5E-02	I					1	0.1		Biphenethrin	82657-04-3	9.2E+02	n	9.2E+03	n					5.5E+02	n		2.5E+03	
8.0E-03	X			5.0E-02	I	4.0E-04	X	V		1		2.1E+02	Biphenyl, 1,1'-	92-52-4	5.1E+01	n	2.1E+02	n	4.2E-01	n	1.8E+00	n	8.3E-01	n		8.7E-03	
7.0E-02	H	1.0E-05	H	4.0E-02	I				V	1		1.0E+03	Bis(2-chloro-1-methylethyl) ether	108-60-1	4.6E+00	c	2.2E+01	c	2.4E-01	c	1.2E+00	c	3.2E-01	c		1.2E-04	
				3.0E-03	P					1	0.1		Bis(2-chloroethoxy)methane	111-91-1	1.8E+02	n	1.8E+03	n					1.1E+02	n		2.5E-02	
1.1E+00	I	3.3E-04	I						V	1		5.1E+03	Bis(2-chloroethyl)ether	111-44-4	2.1E-01	c	1.0E+00	c	7.4E-03	c	3.7E-02	c	1.2E-02	c		3.1E-06	
1.4E-02	I	2.4E-06	C	2.0E-02	I					1	0.1		Bis(2-ethylhexyl)phthalate	117-81-7	3.5E+01	c*	1.2E+02	c	1.0E+00	c	5.1E+00	c	4.8E+00	c	6.0E+00	1.1E+00	1.4E+00
2.2E+02	I	6.2E-02	I						V	1		4.2E+03	Bis(chloromethyl)ether	542-88-1	7.7E-05	c	3.9E-04	c	3.9E-05	c	2.0E-04	c	6.2E-05	c		1.5E-08	
				5.0E-02	I					1	0.1		Bisphenol A	80-05-7	3.1E+03	n	3.1E+04	n					1.8E+03	n		1.4E+02	
				2.0E-01	I	2.0E-02	H			1			Boron And Borates Only	7440-42-8	1.6E+04	n	2.0E+05	nm	2.1E+01	n	8.8E+01	n	7.3E+03	n		2.3E+01	
7.0E-01	I			4.0E-02	C	1.3E-02	C			1			Boron Trifluoride	7637-07-2	3.1E+03	n	4.1E+04	n	1.4E+01	n	5.7E+01	n	1.5E+03	n			
				4.0E-03	I					1			Bromate	15541-45-4	9.1E-01	c	4.1E+00	c					9.6E-02	c	1.0E+01	7.4E-04	7.7E-02
2.0E+00	X	6.0E-04	X						V	1		2.4E+03	Bromo-2-chloroethane, 1-	107-04-0	2.4E-02	c	1.2E-01	c	4.1E-03	c	2.0E-02	c	6.5E-03	c		1.8E-06	
				8.0E-03	I	6.0E-02	I	V		1		6.8E+02	Bromobenzene	108-86-1	3.0E+02	n	1.8E+03	ns	6.3E+01	n	2.6E+02	n	8.8E+01	n		5.9E-02	
				4.0E-02	X	V				1		4.0E+03	Bromochloromethane	74-97-5	1.6E+02	n	6.8E+02	n	4.2E+01	n	1.8E+02	n	8.3E+01	n		2.1E-02	
6.2E-02	I	3.7E-05	C	2.0E-02	I				V	1		9.3E+02	Bromodichloromethane	75-27-4	2.7E-01	c	1.4E+00	c	6.6E-02	c	3.3E-01	c	1.2E-01	c	8.0E+01(F)	3.2E-05	2.2E-02
7.9E-03	I	1.1E-06	I	2.0E-02	I					1	0.1		Bromoform	75-25-2	6.2E+01	c*	2.2E+02	c*	2.2E+00	c	1.1E+01	c	8.5E+00	c*	8.0E+01(F)	2.3E-03	2.1E-02
				1.4E-03	I	5.0E-03	I	V		1		3.6E+03	Bromomethane	74-83-9	7.3E+00	n	3.2E+01	n	5.2E+00	n	2.2E+01	n	8.7E+00	n		2.2E-03	
				5.0E-03	H					1	0.1		Bromophos	2104-96-3	3.1E+02	n	3.1E+03	n					1.8E+02	n		7.7E-01	
				2.0E-02	I					1	0.1		Bromoxynil	1689-84-5	1.2E+03	n	1.2E+04	n					7.3E+02	n		6.3E-01	
				2.0E-02	I					1	0.1		Bromoxynil Octanoate	1689-99-2	1.2E+03	n	1.2E+04	n					7.3E+02	n		6.4E+00	
3.4E+00	C	3.0E-05	I			2.0E-03	I	V		1		6.7E+02	Butadiene, 1,3-	106-99-0	5.4E-02	c*	2.6E-01	c*	8.1E-02	c*	4.1E-01	c*	1.8E-02	c		9.7E-06	
				1.0E-01	I					1	0.1		Butanol, N-	71-36-3	6.1E+03	n	6.2E+04	n					3.7E+03	n		7.6E-01	
1.9E-03	P			2.0E-01	I					1	0.1		Butyl Benzyl Phthlate	85-68-7	2.6E+02	c*	9.1E+02	c					3.5E+01	c		5.1E-01	
				2.0E+00	P	3.0E+01	P			1	0.1		Butyl alcohol, sec-	78-92-2	1.2E+05	nm	1.2E+06	nm	3.1E+04	n	1.3E+05	n	7.3E+04	n		1.5E+01	
				5.0E-02	I					1	0.1		Butylate	2008-41-5	3.1E+03	n	3.1E+04	n					1.8E+03	n		1.8E+00	
2.0E-04	C	5.7E-08	C							1	0.1		Butylated hydroxyanisole	25013-16-5	2.4E+03	c	8.6E+03	c	4.3E+01	c	2.2E+02	c	3.4E+02	c		6.3E-01	
				5.0E-02	P				V	1		1.1E+02	Butylbenzene, n-	104-51-8	3.9E+03	ns	5.1E+04	ns					1.8E+03	n		5.9E+00	
				1.0E+00	I					1	0.1		Butylphthalyl Butylglycolate	85-70-1	6.1E+04	n	6.2E+05	nm					3.7E+04	n		8.3E+02	
				2.0E-02	A					1	0.1		Cacodylic Acid	75-60-5	1.2E+03	n	1.2E+04	n					7.3E+02	n			
		1.8E-03	I	1.0E-03	I	2.0E-05	C			0.025	0.001		Cadmium (Diet)	7440-43-9	7.0E+01	n	8.0E+02	n									
		1.8E-03	I	5.0E-04	I	2.0E-05	C			0.05	0.001		Cadmium (Water)	7440-43-9					1.4E-03	c*	6.8E-03	c*	1.8E+01	n	5.0E+00	1.4E+00	3.8E-01
				5.0E-01	I					1	0.1		Caprolactam	105-60-2	3.1E+04	n	3.1E+05	nm					1.8E+04	n		4.5E+00	
1.5E-01	C	4.3E-05	C	2.0E-03	I					1	0.1		Captafol	2425-06-1	3.2E+00	c*	1.1E+01	c	5.7E-02	c	2.9E-01	c	4.5E-01	c		7.9E-04	
2.3E-03	C	6.6E-07	C	1.3E-01	I					1	0.1		Captan	133-06-2	2.1E+02	c*	7.5E+02	c	3.7E+00	c	1.9E+01	c	2.9E+01	c		2.1E-02	
				1.0E-01	I					1	0.1		Carbaryl	63-25-2	6.1E+03	n	6.2E+04	n					3.7E+03	n		3.3E+00	
				5.0E-03	I					1	0.1		Carbofuran	1563-66-2	3.1E+02	n	3.1E+03	n					1.8E+02	n	4.0E+01	7.1E-02	1.6E-02
				1.0E-01	I	7.0E-01	I	V		1		7.4E+02	Carbon Disulfide	75-15-0	8.2E+02	ns	3.7E+03	ns	7.3E+02	n	3.1E+03	n	1.0E+03	n		3.1E-01	
7.0E-02	I	6.0E-06	I	4.0E-03	I	1.0E-01	I	V		1		4.6E+02	Carbon Tetrachloride	56-23-5	6.1E-01	c	3.0E+00	c	4.1E-01	c	2.0E+00	c	4.4E-01	c	5.0E+00	1.7E-04	1.9E-03
				1.0E-02	I					1	0.1		Carbosulfan	55285-14-8	6.1E+02	n	6.2E+03	n					3.7E+02	n		8.8E+00	
				1.0E-01	I					1	0.1		Carboxin	5234-68-4	6.1E+03	n	6.2E+04	n					3.7E+03	n		2.0E+00	
				9.0E-04	I					1			Ceric oxide	1306-38-3	1.3E+06	nm	5.4E+06	nm	9.4E-01	n	3.9E+00	n					
				1.0E-01	I					1	0.1		Chloral Hydrate	302-17-0	6.1E+03	n	6.2E+04	n					3.7E+03	n		7.4E-01	
				1.5E-02	I					1	0.1		Chloramben	133-90-4	9.2E+02	n	9.2E+03	n					5.5E-02	n		1.3E-01	
4.0E-01	H									1	0.1		Chloranil	118-75-2	1.2E+00	c	4.3E+00	c					1.7E-01	c		1.4E-04	
3.5E-01	I	1.0E-04	I	5.0E-04	I	7.0E-04	I			1	0.04		Chlordane	12789-03-6	1.6E+00	c*	6.5E+00	c*	2.4E-02	c*	1.2E-01	c*	1.9E-01	c*	2.0E+00	1.3E-02	1.4E-01
1.0E+01	I	4.6E-03	C	3.0E-04	I					1	0.1		Chlordecone (Kepone)	143-50-0	4.9E-02	c	1.7E-01	c	5.3E-04	c	2.7E-03	c	6.7E-03	c		2.4E-04	
				7.0E-04	A					1	0.1		Chlorfenvinphos	470-90-6	4.3E+01	n	4.3E+02	n					2.6E+01	n		7.0E-02	
				2.0E-02	I					1	0.1		Chlorimuron, Ethyl-	90982-32-4	1.2E+03	n	1.2E+04	n					7.3E+02	n		2.5E-01	
				1.0E-01	I	1.5E-04	A			1			Chlorine	7782-50-5	7.5E+03	n	9.1E+04	n	1.5E-01	n	6.4E-01	n	3.7E+03	n		1.6E+00	
				3.0E-02	I	2.0E-04	I			1			Chlorine Dioxide	10049-04-4	2.3E+03	n	3.0E+04	n	2.1E-01	n	8.8E-01	n	1.1E+03	n			
				3.0E-02	I					1			Chlorite (Sodium Salt)	7758-19-2	2.3E+03	n	3.1E+04	n					1.1E+03	n	1.0E+03		
				3.0E-04	I	2.0E-02	H	2.0E-02	I	V	1	1.2E+03	Chloro-1,1-difluoroethane, 1-	75-68-3	5.8E+04	ns	2.4E+05	nms	5.2E+04	n	2.2E+05	n	1.0E+05	n		5.2E+01	
				3.0E-04	I	2.0E-02	H	2.0E-02	I	V	1	7.5E+02	Chloro-1,3-butadiene, 2-	126-99-8	9.4E-03	c	4.7E-02	c	8.1E-03	c	4.1E-02	c	1.6E-02	c		8.5E-06	
4.6E-01	H									1	0.1		Chloro-2-methylaniline HCl, 4-	3165-93-3	1.1E+00	c	3.7E+00	c					1.5E-01	c			

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Toxicity and Chemical-specific Information										Contaminant					Screening Levels										Protection of Ground Water SSLs	
SFO (mg/kg-day) ⁻¹	key	IUR (ug/m ³) ⁻¹	key	RFD _o (mg/kg-day)	key	RfC _i (mg/m ³) ⁻¹	key	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
				4.0E-02	P		V		1		7.3E+02	Chlorobutane, 1-	109-69-3	3.1E+03	ns	4.1E+04	ns					1.5E+03	n		5.9E-01	
						5.0E+01	I	V	1		1.7E+03	Chlorodifluoromethane	75-45-6	5.3E+04	n	2.2E+05	nms	5.2E+04	n	2.2E+05	n	1.0E+05	n		4.3E+01	
3.1E-02	C	2.3E-05	I	1.0E-02	I	9.8E-02	A	V	1		2.5E+03	Chloroform	67-66-3	2.9E-01	c	1.5E+00	c	1.1E-01	c	5.3E-01	c	1.9E-01	c	8.0E+01(F)	5.3E-05	2.2E-02
						9.0E-02	I	V	1		1.3E+03	Chloromethane	74-87-3	1.2E+02	n	5.0E+02	n	9.4E+01	n	3.9E+02	n	1.9E+02	n		4.9E-02	
2.4E+00	C	6.9E-04	C					V	1		2.6E+04	Chloromethyl Methyl Ether	107-30-2	1.9E-02	c	9.4E-02	c	3.5E-03	c	1.8E-02	c	5.6E-03	c		1.2E-06	
				8.0E-02	I		V		1		1.8E+02	Chloronaphthalene, Beta-	91-58-7	6.3E+03	ns	8.2E+04	ns					2.9E+03	n		1.5E+01	
3.0E-01	P			3.0E-03	P	1.0E-05	X		1	0.1		Chloronitrobenzene, o-	88-73-3	1.6E+00	c	5.7E+00	c	1.0E-02	n	4.4E-02	n	2.2E-01	c		2.1E-04	
6.3E-03	P			1.0E-03	P	6.0E-04	P		1	0.1		Chloronitrobenzene, p-	100-00-5	6.1E+01	n	2.7E+02	c**	6.3E-01	n	2.6E+00	n	1.1E+01	c**		9.9E-03	
				5.0E-03	I		V		1		2.2E+04	Chlorophenol, 2-	95-57-8	3.9E+02	n	5.1E+03	n					1.8E+02	n		1.5E-01	
						4.0E-04	C	V	1		6.2E+02	Chloropicrin	76-06-2	2.1E+00	n	8.8E+00	n	4.2E-01	n	1.8E+00	n	8.3E-01	n		2.5E-04	
3.1E-03	C	8.9E-07	C	1.5E-02	I				1	0.1		Chlorothalonil	1897-45-6	1.6E+02	c**	5.6E+02	c*	2.7E+00	c	1.4E+01	c	2.2E+01	c*		4.9E-02	
				2.0E-02	I		V		1		9.1E+02	Chlorotoluene, o-	95-49-8	1.6E+03	ns	2.0E+04	ns					7.3E+02	n		7.1E-01	
				2.0E-02	X		V		1		2.5E+02	Chlorotoluene, p-	106-43-4	1.6E+03	ns	2.0E+04	ns					7.3E+02	n		7.1E-01	
2.4E+02	C	6.9E-02	C						1	0.1		Chlorozotocin	54749-90-5	2.0E-03	c	7.2E-03	c	3.5E-05	c	1.8E-04	c	2.8E-04	c		6.2E-08	
				2.0E-01	I				1	0.1		Chlorpropham	101-21-3	1.2E+04	n	1.2E+05	nm					7.3E+03	n		6.6E+00	
				3.0E-03	I				1	0.1		Chlorpyrifos	2921-88-2	1.8E+02	n	1.8E+03	n					1.1E+02	n		1.6E+00	
				1.0E-02	H				1	0.1		Chlorpyrifos Methyl	5598-13-0	6.1E+02	n	6.2E+03	n					3.7E+02	n		1.7E+00	
				5.0E-02	I				1	0.1		Chlorsulfuron	64902-72-3	3.1E+03	n	3.1E+04	n					1.8E+03	n		1.5E+00	
				8.0E-04	H				1	0.1		Chlorthiophos	60238-56-4	4.9E+01	n	4.9E+02	nm					2.9E+01	n		7.5E-01	
				1.5E+00	I				0.013			Chromium(III), Insoluble Salts	16065-83-1	1.2E+05	nm	1.5E+06	nm					5.5E+04	n		9.9E+07	
5.0E-01	J	8.4E-02	S	3.0E-03	I	1.0E-04	I	M	0.025			Chromium(VI)	18540-29-9	2.9E-01	c	5.6E+00	c	1.1E-05	c	1.5E-04	c	4.3E-02	c		8.3E-04	
									0.013			Chromium, Total	7440-47-3											1.0E+02		1.8E+05
				9.0E-03	P	3.0E-04	P	6.0E-06	P		1	Cobalt	7440-48-4	2.3E+01	n	3.0E+02	n	2.7E-04	c*	1.4E-03	c*	1.1E+01	n		4.9E-01	
				6.2E-04	I			M	1	0.1		Coke Oven Emissions	8007-45-2					1.5E-03	c	2.0E-02	c					
				4.0E-02	H				1			Copper	7440-50-8	3.1E+03	n	4.1E+04	n					1.5E+03	n	1.3E+03	5.1E+01	4.6E+01
				5.0E-02	I	6.0E-01	C		1	0.1		Cresol, m-	108-39-4	3.1E+03	n	3.1E+04	n	6.3E+02	n	2.6E+03	n	1.8E+03	n		1.5E+00	
				5.0E-02	I	6.0E-01	C		1	0.1		Cresol, o-	95-48-7	3.1E+03	n	3.1E+04	n	6.3E+02	n	2.6E+03	n	1.8E+03	n		1.5E+00	
				5.0E-03	H	6.0E-01	C		1	0.1		Cresol, p-	106-44-5	3.1E+02	n	3.1E+03	n	6.3E+02	n	2.6E+03	n	1.8E+02	n		1.5E-01	
				1.0E-01	X				1	0.1		Cresol, p-chloro-m-	59-50-7	6.1E+03	n	6.2E+04	n					3.7E+03	n		4.3E+00	
				1.0E-01	A	6.0E-01	C	V	1		5.0E+04	Cresols	1319-77-3	7.5E+03	n	9.1E+04	ns	6.3E+02	n	2.6E+03	n	9.3E+02	n		7.6E-01	
1.9E+00	H			1.0E-03	P		V		1		1.7E+04	Crotonaldehyde, trans-	123-73-9	3.4E-01	c	1.5E+00	c					3.5E-02	c		7.2E-06	
				1.0E-01	I	4.0E-01	I	V	1		2.7E+02	Cumene	98-82-8	2.1E+03	ns	1.1E+04	ns	4.2E+02	n	1.8E+03	n	6.8E+02	n		1.1E+00	
2.2E-01	C	6.3E-05	C						1	0.1		Cupferron	135-20-6	2.2E+00	c	7.8E+00	c	3.9E-02	c	1.9E-01	c	3.1E-01	c		5.3E-04	
8.4E-01	H			2.0E-03	H				1	0.1		Cyanazine	21725-46-2	5.8E-01	c	2.1E+00	c					8.0E-02	c		3.7E-05	
				4.0E-02	I				1			~Calcium Cyanide	592-01-8	3.1E+03	n	4.1E+04	n					1.5E+03	n			
				5.0E-03	I				1			~Copper Cyanide	544-92-3	3.9E+02	n	5.1E+03	n					1.8E+02	n			
				2.0E-02	I		V		1	1.0E+07		~Cyanide (CN-)	57-12-5	1.6E+03	n	2.0E+04	n					7.3E+02	n	2.0E+02	7.4E+00	2.0E+00
				4.0E-02	I		V		1			~Cyanogen	460-19-5	3.1E+03	n	4.1E+04	n					1.5E+03	n			
				9.0E-02	I		V		1			~Cyanogen Bromide	506-68-3	7.0E+03	n	9.2E+04	n					3.3E+03	n			
				5.0E-02	I		V		1			~Cyanogen Chloride	506-77-4	3.9E+03	n	5.1E+04	n					1.8E+03	n			
				6.0E-04	I	8.0E-04	I	V	1			~Hydrogen Cyanide	74-90-8	4.7E+01	n	6.1E+02	n	8.3E-01	n	3.5E+00	n	1.6E+00	n			
				5.0E-02	I				1			~Potassium Cyanide	151-50-8	3.9E+03	n	5.1E+04	n					1.8E+03	n			
				2.0E-01	I				0.04			~Potassium Silver Cyanide	506-61-6	1.6E+04	n	2.0E+05	nm					7.3E+03	n			
				1.0E-01	I				0.04			~Silver Cyanide	506-64-9	7.8E+03	n	1.0E+05	nm					3.7E+03	n			
				4.0E-02	I				1			~Sodium Cyanide	143-33-9	3.1E+03	n	4.1E+04	n					1.5E+03	n			
				2.0E-04	P		V		1	4.6E+03		~Thiocyanate	463-56-9	1.6E+01	n	2.0E+02	n					7.3E+00	n	2.0E+02	1.5E-03	
				5.0E-02	I				1			~Zinc Cyanide	557-21-1	3.9E+03	n	5.1E+04	n					1.8E+03	n			
2.3E-02	H					6.0E+00	I	V	1	0.1	1.2E+02	Cyclohexane	110-82-7	7.0E+03	ns	2.9E+04	ns	6.3E+03	n	2.6E+04	n	1.3E+04	n		1.3E+01	
									1			Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	2.1E+01	c	7.5E+01	c					2.9E+00	c		1.7E-02	
				5.0E+00	I	7.0E-01	P		1	0.1		Cyclohexanone	108-94-1	3.1E+05	nm	3.1E+06	nm	7.3E+02	n	3.1E+03	n	1.8E+05	n		4.3E+01	
				2.0E-01	I				1	0.1		Cyclohexylamine	108-91-8	1.2E+04	n	1.2E+05	nm					7.3E+03	n		1.9E+00	
				5.0E-03	I				1	0.1		Cyhalothrin/karate	68085-85-8	3.1E+02	n	3.1E+03	n					1.8E+02	n		1.2E+02	
				1.0E-02	I				1	0.1		Cypermethrin	52315-07-8	6.1E+02	n	6.2E+03	n					3.7E+02	n		5.8E+01	
2.4E-01	I	6.9E-05	C	7.5E-03	I				1	0.1		Cyromazine	66215-27-8	4.6E+02	n	4.6E+03	n					2.7E+02	n		7.0E-02	
									1	0.1		DDD	72-54-8	2.0E+00	c	7.2E+00	c	3.5E-02	c	1.8E-01	c	2.8E-01	c		6.6E-02	
3.4E-01	I	9.7E-05	C						1	0.1		DDE, p,p'-	72-55-9	1.4E+00	c	5.1E+00	c	2.5E-02	c	1.3E-01	c	2.0E-01	c		4.7E-02	
3.4E-01	I	9.7E-05	I	5.0E-04	I				1	0.03		DDT	50-29-3	1.7E+00	c*	7.0E+00	c*	2.5E-02	c	1.3E-01	c	2.0E-01	c*		6.7E-02	
				1.0E-02	I				1	0.1		Dacthal	1861-32-1	6.1E+02	n	6.2E+03	n					3.7E+02	n		4.5E-01	
				3.0E-02	I				1	0.1		Delapron	75-99-0	1.8E+03	n	1.8E+04	n					1.1E+03	n	2.0E+02	2.3E-01	4.1E-02
				7.0E-03	I				1	0.1		Decabromodiphenyl ether, 2,2',3,3',4,4',5														

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Toxicity and Chemical-specific Information										Contaminant					Screening Levels										Protection of Ground Water SSLs	
SFO (mg/kg-day) ⁻¹	key	IUR (ug/m ³) ⁻¹	key	RFD _o (mg/kg-day)	key	RFCD _i (mg/m ³) ⁻¹	key	muta- gen	GIABS	ABS	C _{sat} (mg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
8.0E-01	P	6.0E-03	P	2.0E-04	P	2.0E-04	I	V	M	1	9.8E+02	Dibromo-3-chloropropane, 1,2-	96-12-8	5.4E-03	c	6.9E-02	c	1.6E-04	c	2.0E-03	c	3.2E-04	c	2.0E-01	1.4E-07	8.6E-05
8.4E-02	I	2.7E-05	C	1.0E-02	I					1	0.1	Dibromobenzene, 1,4-	106-37-9	6.1E+02	n	6.2E+03	n					3.7E+02	n		3.5E-01	
				2.0E-02	I			V		1	0.1	Dibromochloromethane	124-48-1	6.8E-01	c	3.3E+00	c	9.0E-02	c	4.5E-01	c	1.5E-01	c	8.0E+01(F)	3.9E-05	2.1E-02
2.0E+00	I	6.0E-04	I	9.0E-03	I	9.0E-03	I	V		1	1.3E+03	Dibromoethane, 1,2-	106-93-4	3.4E-02	c	1.7E-01	c	4.1E-03	c	2.0E-02	c	6.5E-03	c	5.0E-02	1.8E-06	1.4E-05
				1.0E-02	H	4.0E-03	X	V		1	2.8E+03	Dibromomethane (Methylene Bromide)	74-95-3	2.5E+01	n	1.1E+02	n	4.2E+00	n	1.8E+01	n	8.2E+00	n		2.0E-03	
				1.0E-01	I					1	0.1	Dibutyl Phthalate	84-74-2	6.1E+03	n	6.2E+04	n					3.7E+03	n		9.2E+00	
				3.0E-04	P					1	0.1	Dibutyltin Compounds	NA	1.8E+01	n	1.8E+02	n					1.1E+01	n			
				3.0E-02	I					1	0.1	Dicamba	1918-00-9	1.8E+03	n	1.8E+04	n					1.1E+03	n		2.8E-01	
	4.2E-03	P						V		1	5.2E+02	Dichloro-2-butene, 1,4-	764-41-0	6.9E-03	c	3.5E-02	c	5.8E-04	c	2.9E-03	c	1.2E-03	c		5.4E-07	
	4.2E-03	P						V		1	0.1	Dichloro-2-butene, cis-1,4-	1476-11-5	6.9E-03	c	3.5E-02	c	5.8E-04	c	2.9E-03	c	1.2E-03	c		5.4E-07	
	4.2E-03	P						V		1	0.1	Dichloro-2-butene, trans-1,4-	110-57-6	6.9E-03	c	3.5E-02	c	5.8E-04	c	2.9E-03	c	1.2E-03	c		5.4E-07	
5.0E-02	I			4.0E-03	I					1	0.1	Dichloroacetic Acid	79-43-6	9.7E+00	c*	3.4E+01	c*					1.3E+00	c	6.0E+01	2.8E-04	1.2E-02
				9.0E-02	I	2.0E-01	H	V		1	3.8E+02	Dichlorobenzene, 1,2-	95-50-1	1.9E+03	ns	9.8E+03	ns	2.1E+02	n	8.8E+02	n	3.7E+02	n	6.0E+02	3.6E-01	5.8E-01
5.4E-03	C	1.1E-05	C	7.0E-02	A	8.0E-01	I	V		1		Dichlorobenzene, 1,4-	106-46-7	2.4E+00	c	1.2E+01	c	2.2E-01	c	1.1E+00	c	4.3E-01	c	7.5E+01	4.1E-04	7.2E-02
4.5E-01	I	3.4E-04	C							1	0.1	Dichlorobenzidine, 3,3'-	91-94-1	1.1E+00	c	3.8E+00	c	7.2E-03	c	3.6E-02	c	1.5E-01	c		9.8E-04	
				9.0E-03	X					1	0.1	Dichlorobenzophenone, 4,4'-	90-98-2	5.5E+02	n	5.5E+03	n					3.3E+02	n		2.0E+00	
				2.0E-01	I	1.0E-01	X	V		1	8.5E+02	Dichlorodifluoromethane	75-71-8	9.4E+01	n	4.0E+02	n	1.0E+02	n	4.4E+02	n	2.0E+02	n		3.1E-01	
5.7E-03	C	1.6E-06	C	2.0E-01	P			V		1	1.7E+03	Dichloroethane, 1,1-	75-34-3	3.3E+00	c	1.7E+01	c	1.5E+00	c	7.7E+00	c	2.4E+00	c		6.9E-04	
9.1E-02	I	2.6E-05	I	6.0E-03	X	7.0E-03	P	V		1	3.0E+03	Dichloroethane, 1,2-	107-06-2	4.3E-01	c*	2.2E+00	c*	9.4E-02	c*	4.7E-01	c*	1.5E-01	c*	5.0E+00	4.2E-05	1.4E-03
				5.0E-02	I	2.0E-01	I	V		1	1.2E+03	Dichloroethylene, 1,1-	75-35-4	2.4E+02	n	1.1E+03	n	2.1E+02	n	8.8E+02	n	3.4E+02	n	7.0E+00	1.2E-01	2.5E-03
				9.0E-03	H			V		1	1.3E+03	Dichloroethylene, 1,2- (Mixed Isomers)	540-59-0	7.0E+02	n	9.2E+03	ns					3.3E+02	n		9.7E-02	
				2.0E-03	I			V		1	2.4E+03	Dichloroethylene, 1,2-cis-	156-59-2	1.6E+02	n	2.0E+03	n					7.3E+01	n	7.0E+01	2.1E-02	2.1E-02
				2.0E-02	I	6.0E-02	P	V		1	1.7E+03	Dichloroethylene, 1,2-trans-	156-60-5	1.5E+02	n	6.9E+02	n	6.3E+01	n	2.6E+02	n	1.1E+02	n	1.0E+02	3.1E-02	2.9E-02
				3.0E-03	I					1	0.1	Dichlorophenol, 2,4-	120-83-2	1.8E+02	n	1.8E+03	n					1.1E+02	n		1.3E-01	
				1.0E-02	I					1	0.05	Dichlorophenoxy Acetic Acid, 2,4-	94-75-7	6.9E+02	n	7.7E+03	n					3.7E+02	n	7.0E+01	9.5E-02	1.8E-02
				8.0E-03	I					1	0.1	Dichlorophenoxybutyric Acid, 4-(2,4-	94-82-6	4.9E+02	n	4.9E+03	n					2.9E+02	n		1.2E-01	
3.6E-02	C	1.0E-05	C	9.0E-04	A	4.0E-03	I	V		1	1.4E+03	Dichloropropane, 1,2-	78-87-5	9.4E-01	c*	4.7E+00	c*	2.4E-01	c*	1.2E+00	c*	3.9E-01	c*	5.0E+00	1.3E-04	1.7E-03
				2.0E-02	P			V		1	1.5E+03	Dichloropropane, 1,3-	142-28-9	1.6E+03	ns	2.0E+04	ns					7.3E+02	n		2.5E-01	
				3.0E-03	I					1	0.1	Dichloropropanol, 2,3-	616-23-9	1.8E+02	n	1.8E+03	n					1.1E+02	n		2.3E-02	
1.0E-01	I	4.0E-06	I	3.0E-02	I	2.0E-02	I	V		1	1.6E+03	Dichloropropene, 1,3-	542-75-6	1.7E+00	c*	8.3E+00	c*	6.1E-01	c*	3.1E+00	c*	4.3E-01	c*		1.5E-04	
2.9E-01	I	8.3E-05	C	5.0E-04	I	5.0E-04	I			1	0.1	Dichlorvos	62-73-7	1.7E+00	c*	5.9E+00	c*	2.9E-02	c*	1.5E-01	c*	2.3E-01	c*		7.1E-05	
				8.0E-03	P	7.0E-03	P	V		1	1.3E+02	Dicyclopentadiene	77-73-6	3.1E+01	n	1.3E+02	ns	7.3E+00	n	3.1E+01	n	1.4E+01	n		4.8E-02	
1.6E+01	I	4.6E-03	I	5.0E-05	I					1	0.1	Dieldrin	60-57-1	3.0E-02	c	1.1E-01	c	5.3E-04	c	2.7E-03	c	4.2E-03	c		4.8E-02	
				3.0E-04	C					1	0.1	Diesel Engine Exhaust	NA					8.1E-03	c	4.1E-02	c					
						3.0E-03	C			1	0.1	Diethanolamine	111-42-2	4.3E+06	nm	1.8E+07	nm	3.1E+00	n	1.3E+01	n				1.2E+01	
				8.0E-01	I					1	0.1	Diethyl Phthalate	84-66-2	4.9E+04	n	4.9E+05	nm					2.9E+04	n			
				3.0E-02	P	1.0E-04	P			1	0.1	Diethylene Glycol Monobutyl Ether	112-34-5	1.8E+03	n	1.8E+04	n	1.0E-01	n	4.4E-01	n	1.1E+03	n		2.4E-01	
				6.0E-02	P	3.0E-04	P			1	0.1	Diethylene Glycol Monoethyl Ether	111-90-0	3.6E+03	n	3.6E+04	n	3.1E-01	n	1.3E+00	n	2.2E+03	n		4.4E-01	
				1.0E-03	P					1	0.1	Diethylformamide	617-84-5	6.1E+01	n	6.2E+02	n					3.7E+01	n		7.5E-03	
3.5E+02	C	1.0E-01	C							1	0.1	Diethylstilbestrol	56-53-1	1.4E-03	c	4.9E-03	c	2.4E-05	c	1.2E-04	c	1.9E-04	c		1.1E-04	
				8.0E-02	I					1	0.1	Difenoquat	43222-48-6	4.9E+03	n	4.9E+04	n					2.9E+03	n			
				2.0E-02	I					1	0.1	Diflubenuron	35367-38-5	1.2E+03	n	1.2E+04	n					7.3E+02	n		8.2E-01	
						4.0E+01	I	V		1	1.4E+03	Difluoroethane, 1,1-	75-37-6	5.2E+04	ns	2.2E+05	nms	4.2E+04	n	1.8E+05	n	8.3E+04	n		2.8E+01	
										1	0.1	Dihydrosafrole	94-58-6	1.1E+01	c	3.9E+01	c	1.9E-01	c	9.4E-01	c	1.5E+00	c		1.9E-03	
						7.0E-01	P	V		1	2.3E+03	Diisopropyl Ether	108-20-3	2.4E+03	ns	1.0E+04	ns	7.3E+02	n	3.1E+03	n	1.5E+03	n		3.7E-01	
				8.0E-02	I			V		1	5.3E+02	Diisopropyl Methylphosphonate	1445-75-6	6.3E+03	ns	8.2E+04	ns					2.9E+03	n		8.3E-01	
				2.0E-02	I					1	0.1	Dimethipin	55290-64-7	1.2E+03	n	1.2E+04	n					7.3E+02	n		1.6E-01	
				2.0E-04	I					1	0.1	Dimethoate	60-51-5	1.2E+01	n	1.2E+02	n					7.3E+00	n		1.6E-03	
1.4E-02	H					5.0E-03	I			1	0.1	Dimethoxybenzidine, 3,3'-	119-90-4	3.5E+01	c	1.2E+02	c					4.8E+00	c		5.8E-03	
1.7E-03	P			6.0E-02	P					1	0.1	Dimethyl methylphosphonate	756-79-6	2.9E+02	c*	1.0E+03	c*					4.0E+01	c*		8.3E-03	
4.6E+00	C	1.3E-03	C							1	0.1	Dimethylamino azobenzene [p-]	60-11-7	1.1E-01	c	3.7E-01	c	1.9E-03	c	9.4E-03	c	1.5E-02	c		6.2E-05	
5.8E-01	H									1	0.1	Dimethylaniline HCl, 2,4-	21436-96-4	8.4E-01	c	3.0E+00	c					1.2E-01	c		6.6E-05	
2.0E-01	P			2.0E-03	X					1	0.1	Dimethylaniline, 2,4-	95-68-1	2.4E+00	c*	8.6E+00	c					3.4E-01	c		1.9E-04	
				2.0E-03	I			V		1		Dimethylaniline, N,N-	121-69-7	1.6E+02	n	2.0E+03	ns					7.3E+01	n		2.6E-02	
1.1E+01	P									1	0.1	Dimethylbenzidine, 3,3'-	119-93-7	4.4E-02	c	1.6E-01	c					6.1E-03	c		4.0E-05	
				1.0E-01	P	3.0E-02	I			1	0.1	Dimethylformamide	68-12-2	6.1E+03	n	6.2E+04	n	3.1E+01	n	1.3E+02	n	3.7E+03	n		7.4E-01	
				1.0E-04	X																					

Regional Screening Level (RSL) Summary Table June 2011

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; Y = New York; O = EPA Office of Water; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1																											
Toxicity and Chemical-specific Information										Contaminant			Screening Levels										Protection of Ground Water SSLs				
SFO (mg/kg-day) ¹	key y	IUR (ug/m ³) ¹	key y	RFD _o (mg/kg-day)	key y	RfC _i (mg/m ³)	key y	muta- gen	key y	GIABS	ABS	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
				1.0E-04	P					1	0.1		Dinitrobenzene, 1,2-	528-29-0	6.1E+00	n	6.2E+01	n					3.7E+00	n		3.3E-03	
				1.0E-04	I					1	0.1		Dinitrobenzene, 1,3-	99-65-0	6.1E+00	n	6.2E+01	n					3.7E+00	n		3.3E-03	
				1.0E-04	P					1	0.1		Dinitrobenzene, 1,4-	100-25-4	6.1E+00	n	6.2E+01	n					3.7E+00	n		3.3E-03	
				2.0E-03	I					1	0.1		Dinitrophenol, 2,4-	51-28-5	1.2E+02	n	1.2E+03	n					7.3E+01	n		8.2E-02	
6.8E-01	I							1	0.1				Dinitrotoluene Mixture, 2,4/2,6-	25321-14-6	7.2E-01	c	2.5E+00	c					9.9E-02	c		1.4E-04	
3.1E-01	C	8.9E-05	C	2.0E-03	I					1	0.102		Dinitrotoluene, 2,4-	121-14-2	1.6E+00	c*	5.5E+00	c	2.7E-02	c	1.4E-01	c	2.2E-01	c		2.9E-04	
				1.0E-03	P					1	0.099		Dinitrotoluene, 2,6-	606-20-2	6.1E+01	n	6.2E+02	n					3.7E+01	n		5.0E-02	
				2.0E-03	S					1	0.006		Dinitrotoluene, 2-Amino-4,6-	35572-78-2	1.5E+02	n	2.0E+03	n					7.3E+01	n		5.6E-02	
				2.0E-03	S					1	0.009		Dinitrotoluene, 4-Amino-2,6-	19406-51-0	1.5E+02	n	1.9E+03	n					7.3E+01	n		5.6E-02	
				1.0E-03	I					1	0.1		Dinoseb	88-85-7	6.1E+01	n	6.2E+02	n					7.3E+01	n	7.0E+00	3.2E-01	6.2E-02
1.0E-01	I	7.7E-06	C	3.0E-02	I	3.0E+00	C			1	0.1		Dioxane, 1,4-	123-91-1	4.9E+00	c	1.7E+01	c	3.2E-01	c	1.6E+00	c	6.7E-01	c		1.4E-04	
6.2E+03	I	1.3E+00	I							1	0.03		Dioxins **Hexachlorodibenzo-p-dioxin, Mixture	NA	9.4E-05	c	3.9E-04	c	1.9E-06	c	9.4E-06	c	1.1E-05	c		1.5E-05	
1.3E+05	C	3.8E+01	C	1.0E-09	A	4.0E-08	C			1	0.03		~TCDD, 2,3,7,8-	1746-01-6	4.5E-06	c*	1.8E-05	c*	6.4E-08	c	3.2E-07	c	5.2E-07	c*	3.0E-05	2.6E-07	1.5E-05
				3.0E-02	I					1	0.1		Diphenamid	957-51-7	1.8E+03	n	1.8E+04	n					1.1E+03	n		1.1E+01	
				8.0E-04	X					1	0.1		Diphenyl Sulfone	127-63-9	4.9E+01	n	4.9E+02	n					2.9E+01	n		7.1E-02	
				2.5E-02	I					1	0.1		Diphenylamine	122-39-4	1.5E+03	n	1.5E+04	n					9.1E+02	n		1.7E+00	
8.0E-01	I	2.2E-04	I							1	0.1		Diphenylhydrazine, 1,2-	122-66-7	6.1E-01	c	2.2E+00	c	1.1E-02	c	5.6E-02	c	8.4E-02	c		2.7E-04	
				2.2E-03	I					1	0.1		Diquat	85-00-7	1.3E+02	n	1.4E+03	n					8.0E+01	n	2.0E+01	1.5E+00	3.7E-01
7.4E+00	C	2.1E-03	C							1	0.1		Direct Black 38	1937-37-7	6.6E-02	c	2.3E-01	c	1.2E-03	c	5.8E-03	c	9.1E-03	c		4.4E+00	
7.4E+00	C	2.1E-03	C							1	0.1		Direct Blue 6	2602-46-2	6.6E-02	c	2.3E-01	c	1.2E-03	c	5.8E-03	c	9.1E-03	c		1.4E+01	
6.7E+00	C	1.9E-03	C							1	0.1		Direct Brown 95	16071-86-6	7.3E-02	c	2.6E-01	c	1.3E-03	c	6.5E-03	c	1.0E-02	c			
				4.0E-05	I					1	0.1		Disulfoton	298-04-4	2.4E+00	n	2.5E+01	n					1.5E+00	n		2.7E-03	
				1.0E-02	I					1	0.1		Dithiane, 1,4-	505-29-3	6.1E+02	n	6.2E+03	n					3.7E+02	n		1.8E-01	
				2.0E-03	I					1	0.1		Diuron	330-54-1	1.2E+02	n	1.2E+03	n					7.3E+01	n		3.1E-02	
				4.0E-03	I					1	0.1		Dodine	2439-10-3	2.4E+02	n	2.5E+03	n					1.5E+02	n		7.5E-01	
				2.5E-02	I			V		1		4.1E+02	EPTC	759-94-4	2.0E+03	ns	2.6E+04	ns					9.1E+02	n		4.8E-01	
				6.0E-03	I					1	0.1		Endosulfan	115-29-7	3.7E+02	n	3.7E+03	n					2.2E+02	n		3.0E+00	
				2.0E-02	I					1	0.1		Endothall	145-73-3	1.2E+03	n	1.2E+04	n					7.3E+02	n	1.0E+02	1.7E-01	2.4E-02
				3.0E-04	I					1	0.1		Endrin	72-20-8	1.8E+01	n	1.8E+02	n					1.1E+01	n	2.0E+00	4.4E-01	8.1E-02
9.9E-03	I	1.2E-06	I	6.0E-03	P	1.0E-03	I	V		1		1.1E+04	Epichlorohydrin	106-89-8	2.0E+01	n	8.8E+01	n	1.0E+00	n	4.4E+00	n	2.1E+00	n		4.5E-04	
				2.0E-02	I	V				1		1.5E+04	Epoxystyrene, 1,2-	106-88-7	1.7E+02	n	7.2E+02	n	2.1E+01	n	8.8E+01	n	4.2E+01	n		9.2E-03	
				5.0E-03	I					1	0.1		Ethephon	16672-87-0	3.1E+02	n	3.1E+03	n					1.8E+02	n		3.8E-02	
				5.0E-04	I					1	0.1		Ethion	563-12-2	3.1E+01	n	3.1E+02	n					1.8E+01	n		3.6E-02	
				1.0E-01	P	6.0E-02	P			1	0.1		Ethoxyethanol Acetate, 2-	111-15-9	6.1E+03	n	6.2E+04	n	6.3E+01	n	2.6E+02	n	3.7E+03	n		7.6E-01	
				4.0E-01	H	2.0E-01	I			1	0.1		Ethoxyethanol, 2-	110-80-5	2.4E+04	n	2.5E+05	nms	2.1E+02	n	8.8E+02	n	1.5E+04	n		2.9E+00	
				9.0E-01	I			V		1		1.1E+04	Ethyl Acetate	141-78-6	7.0E+04	ns	9.2E+05	nms					3.3E+04	n		7.0E+00	
4.8E-02	H							V		1		2.5E+03	Ethyl Acrylate	140-88-5	1.3E+01	c	6.0E+01	c					1.4E+00	c		3.1E-04	
						1.0E+01	I	V		1		2.1E+03	Ethyl Chloride	75-00-3	1.5E+04	ns	6.1E+04	ns	1.0E+04	n	4.4E+04	n	2.1E+04	n		5.9E+00	
				2.0E-01	I			V		1		1.0E+04	Ethyl Ether	60-29-7	1.6E+04	ns	2.0E+05	nms					7.3E+03	n		1.6E+00	
				9.0E-02	H	3.0E-01	P	V		1		1.1E+03	Ethyl Methacrylate	97-63-2	1.5E+03	ns	7.5E+03	ns	3.1E+02	n	1.3E+03	n	5.3E+02	n		1.2E-01	
				1.0E-05	I					1	0.1		Ethyl-p-nitrophenyl Phosphonate	2104-64-5	6.1E-01	n	6.2E+00	n					3.7E-01	n		1.1E-02	
1.1E-02	C	2.5E-06	C	1.0E-01	I	1.0E+00	I	V		1		4.8E+02	Ethylbenzene	100-41-4	5.4E+00	c	2.7E+01	c	9.7E-01	c	4.9E+00	c	1.5E+00	c	7.0E+02	1.7E-03	7.8E-01
				3.0E-02	P					1	0.1		Ethylene Cyanohydrin	109-78-4	1.8E+03	n	1.8E+04	n					1.1E+03	n		2.2E-01	
				9.0E-02	P					1	0.1		Ethylene Diamine	107-15-3	5.5E+03	n	5.5E+04	n					3.3E+03	n		7.5E-01	
				2.0E+00	I	4.0E-01	C			1	0.1		Ethylene Glycol	107-21-1	1.2E+05	nm	1.2E+06	nm	4.2E+02	n	1.8E+03	n	7.3E+04	n		1.5E+01	
				1.0E-01	I	1.6E+00	I			1	0.1		Ethylene Glycol Monobutyl Ether	111-76-2	6.1E+03	n	6.2E+04	n	1.7E+03	n	7.0E+03	n	3.7E+03	n		7.5E-01	
3.1E-01	C	8.8E-05	C			3.0E-02	C	V		1		1.2E+05	Ethylene Oxide	75-21-8	1.7E-01	c	8.3E-01	c	2.8E-02	c	1.4E-01	c	4.4E-02	c		9.1E-06	
4.5E-02	C	1.3E-05	C	8.0E-05	I					1	0.1		Ethylene Thiourea	96-45-7	4.9E+00	n	3.8E+01	c**	1.9E-01	c	9.4E-01	c	1.5E+00	c**		3.4E-04	
6.5E+01	C	1.9E-02	C							1	0.1		Ethyleneimine	151-56-4	7.5E-03	c	2.7E-02	c	1.3E-04	c	6.5E-04	c	1.0E-03	c		2.3E-07	
				3.0E+00	I					1	0.1		Ethylphthalyl Ethyl Glycolate	84-72-0	1.8E+05	nm	1.8E+06	nm					1.1E+05	n		2.5E+02	
				8.0E-03	I					1	0.1		Express	101200-48-0	4.9E+02	n	4.9E+03	n					2.9E+02	n		1.1E-01	
				2.5E-04	I					1	0.1		Fenamiphos	22224-92-6	1.5E+01	n	1.5E+02	n					9.1E+00	n		9.1E-03	
				2.5E-02	I					1	0.1		Fenpropathrin	39515-41-8	1.5E+03	n	1.5E+04	n					9.1E+02	n		4.1E+01	
				1.3E-02	I					1	0.1		Fluometuron	2164-17-2	7.9E+02	n	8.0E+03	n					4.7E+02	n		3.7E-01	
				4.0E-02	C	1.3E-02	C			1			Fluoride	16984-48-8	3.1E+03	n	4.1E+04	n	1.4E+01	n	5.7E+01	n	1.5E+03	n		2.2E+02	
				6.0E-02	I	1.3E-02	C			1			Fluorine (Soluble Fluoride)	7782-41-4	4.7E+03	n	6.1E+04	n	1.4E+01	n	5.7E+01	n	2.2E+03	n	4.0E+03	3.3E+02	6.0E+02
				8.0E-02	I					1	0.1		Fluridone	59756-60-4	4.9E+03	n	4.9E+04	n					2.9E+03	n		3.3E+02	
			</																								

Regional Screening Level (RSL) Summary Table June 2011

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; Y = New York; O = EPA Office of Water; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1																										
Toxicity and Chemical-specific Information										Contaminant					Screening Levels										Protection of Ground Water SSLs	
SFO (mg/kg-day) ⁻¹	k e y	IUR (ug/m ³) ⁻¹	k e y	RfD _o (mg/kg-day)	k e y	RfC _i (mg/m ³) ⁻¹	k e y	V o l u t e m u t a g e n	GIABS	ABS	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
				9.0E-01 3.0E+00	P I	3.0E-04	X		1 1	0.1 0.1		Formic Acid Fosetyl-AL	64-18-6 39148-24-8	4.9E+04 1.8E+05	n nm	4.2E+05 1.8E+06	nm nm	3.1E-01 n	n	1.3E+00 n	n	3.3E+04 1.1E+05	n		6.6E+00	
				1.0E-03 1.0E-03	X I		V		1 1		1.7E+02 6.2E+03	~Dibenzofuran ~Furan	132-64-9 110-00-9	7.8E+01 7.8E+01	n n	1.0E+03 1.0E+03	ns n					3.7E+01 3.7E+01	n n		6.8E-01 1.4E-02	
3.8E+00	H			3.0E-03	I	5.0E-02	H		1 1	0.1 0.1		Furazolidone Furfural Furium	67-45-8 98-01-1 531-82-8	1.3E-01 1.8E+02 3.2E-01	c n c	4.5E-01 1.8E+03 1.1E+00	c n c	5.2E+01 n 5.7E-03	n n c	2.2E+02 n 2.9E-02	n n c	1.8E-02 1.1E+02 4.5E-02	c n c		3.4E-05 2.3E-02 6.1E-05	
1.5E+00	C	4.3E-04	C	4.0E-04	I				1 1	0.1 0.1		Furmecyclox Glufosinate, Ammonium Glutaraldehyde	60568-05-0 77182-82-2 111-30-8	1.6E+01 2.4E+01 1.1E+05	c n nm	5.7E+01 2.5E+02 4.8E+05	c n nm	2.8E-01 n 8.3E-02	c n n	1.4E+00 n 3.5E-01	c n n	2.2E+00 1.5E+01 n	c n n		2.4E-03 3.2E-03	
				4.0E-04 1.0E-01 3.0E-03	I I I	1.0E-03	H		1 1 1	0.1 0.1 0.1		Glycidyl Glyphosate Goal	765-34-4 1071-83-6 42874-03-3	2.4E+01 6.1E+03 1.8E+02	n n n	2.5E+02 6.2E+04 1.8E+03	n n n	1.0E+00 n n	n n n	4.4E+00 n 4.4E+01	n n n	1.5E+01 3.7E+03 1.1E+02	n n n	7.0E+02	2.9E-03 7.4E-01 8.8E+00	1.4E-01
				3.0E-03 5.0E-05 1.3E-02	A I I	1.0E-02	A		1 1 1	0.1 0.1 0.1		Guthion Haloxyp, Methyl Harmony	86-50-0 69806-40-2 79277-27-3	1.8E+02 3.1E+00 7.9E+02	n n n	1.8E+03 3.1E+01 8.0E+03	n n n	1.0E+01 n n	n n n	4.4E+01 n 4.4E+01	n n n	1.1E+02 1.8E+00 4.7E+02	n n n		3.3E-02 2.0E-02 1.4E-01	
4.5E+00 9.1E+00	I I	1.3E-03 2.6E-03	I I	5.0E-04 1.3E-05 2.0E-03	I I I				1 1 1	0.1 0.1 0.1		Heptachlor Heptachlor Epoxide Hexabromobenzene	76-44-8 1024-57-3 87-82-1	1.1E-01 5.3E-02 1.2E+02	c c* n	3.8E-01 1.9E-01 1.2E+03	c c* n	1.9E-03 9.4E-04 n	c c n	9.4E-03 4.7E-03 n	c c n	1.5E-02 7.4E-03 7.3E+01	c c* n	4.0E-01 2.0E-01	1.2E-03 1.5E-04 4.2E-01	3.3E-02 4.1E-03
				2.0E-04 8.0E-04 1.0E-03	I I P				1 1 1	0.1 0.1 0.1		Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153) Hexachlorobenzene Hexachlorobutadiene	68631-49-2 118-74-1 87-68-3	1.2E+01 3.0E-01 6.2E+00	n c c**	1.2E+02 1.1E+00 2.2E+01	n c c*	1.1E-01 5.3E-03 1.1E-01	c c c	2.7E-02 n 5.6E-01	c c c	7.3E+00 4.2E-02 8.6E-01	n c c*	1.0E+00	5.3E-04 1.7E-03	1.3E-02
6.3E+00 1.8E+00 1.1E+00	I I C	1.8E-03 5.3E-04 3.1E-04	I I C	8.0E-03 1.3E-05 3.0E-04	A I I				1 1 1	0.1 0.1 0.04		Hexachlorocyclohexane, Alpha- Hexachlorocyclohexane, Beta- Hexachlorocyclohexane, Gamma- (Lindane)	319-84-6 319-85-7 58-89-9	7.7E-02 2.7E-01 5.2E-01	c c c*	2.7E-01 9.6E-01 2.1E+00	c c n	1.4E-03 4.6E-03 7.8E-03	c c c	6.8E-03 2.3E-02 4.0E-02	c c c	1.1E-02 3.7E-02 6.1E-02	c c c	2.0E-01	6.2E-05 2.2E-04 3.6E-04	1.2E-03
1.8E+00	I	5.1E-04	I	6.0E-03 1.0E-03	I I	2.0E-04	I		1 1	0.1 0.1		Hexachlorocyclohexane, Technical Hexachlorocyclopentadiene Hexachloroethane	608-73-1 77-47-4 67-72-1	2.7E-01 3.7E+02 3.5E+01	c n c**	9.6E-01 3.7E+03 1.2E+02	c n c**	4.8E-03 2.1E-01 6.1E-01	c n c	2.4E-02 8.8E-01 3.1E+00	c n c	3.7E-02 2.2E+02 4.8E+00	c n c**	5.0E+01	2.2E-04 6.8E-01 2.9E-03	1.6E-01
1.1E-01	I			3.0E-04 3.0E-03	I I				1 1	0.1 0.015		Hexachlorophene Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX) Hexamethylene Diisocyanate, 1,6-	70-30-4 121-82-4 822-06-0	1.8E+01 5.6E+00 3.4E+00	n c* n	1.8E+02 2.4E+01 1.4E+01	n c n	1.0E-02 n 4.4E-02	n n n	4.4E-02 n 2.1E-02	n c n	1.1E+01 6.1E-01 2.1E-02	n c n		1.5E+01 2.3E-04 2.1E-04	
				6.0E-02 2.0E+00 5.0E-03	H P I	7.0E-01	I V		1 1 1		1.4E+02 n 3.3E+03	Hexane, N- Hexanedioic Acid Hexanone, 2-	110-54-3 124-04-9 591-78-6	5.7E+02 1.2E+05 2.1E+02	ns nm n	2.6E+03 1.2E+06 1.4E+03	ns nm n	7.3E+02 n 3.1E+01	n n n	3.1E+03 n 1.3E+02	n n n	8.8E+02 7.3E+04 4.7E+01	n n n		6.2E+00 1.8E+01 1.1E-02	
3.0E+00 3.0E+00	I I	4.9E-03 4.9E-03	I I	3.3E-02	I	3.0E-05	P		1 1	0.1		Hexazinone Hydrazine Hydrazine Sulfate	51235-04-2 302-01-2 10034-93-2	2.0E+03 2.1E-01 2.1E-01	n c c	2.0E+04 9.5E-01 9.5E-01	n c c	5.0E-04 c* 5.0E-04	c c* c	2.5E-03 n 2.5E-03	c c* c	1.2E+03 2.2E-02 2.2E-02	c c c		5.5E-01	
				4.0E-02	C	1.4E-02 2.0E-03	C I		1 1			Hydrogen Chloride Hydrogen Fluoride Hydrogen Sulfide	7647-01-0 7664-39-3 7783-06-4	2.8E+07 3.1E+03 2.8E+06	nm n nm	1.2E+08 4.1E+04 1.2E+07	nm n nm	2.1E+01 1.5E+01 2.1E+00	n n n	8.8E+01 6.1E+01 8.8E+00	n n n					
6.0E-02	P			4.0E-02 1.3E-02 2.5E-01	P I I				1 1 1	0.1 0.1 0.1		Hydroquinone Imazalil Imazaquin	123-31-9 35554-44-0 81335-37-7	8.1E+00 7.9E+02 1.5E+04	c n n	2.9E+01 8.0E+03 1.5E+05	c n nm					1.1E+00 4.7E+02 9.1E+03	c n n		7.6E-04 8.2E+00 4.5E+01	
				1.0E-02 4.0E-02 7.0E-01	A I P				1 1 1			Iodine Iprodione Iron	7553-56-2 36734-19-7 7439-89-6	7.8E+02 2.4E+03 5.5E+04	n n n	1.0E+04 2.5E+04 7.2E+05	n n nm					3.7E+02 1.5E+03 2.6E+04	n n n		2.2E+01 4.5E-01 6.4E+02	
9.5E-04	I			3.0E-01 2.0E-01 1.5E-02	I I I	2.0E+00	C		1 1 1	0.1 0.1 0.1	1.0E+04	Isobutyl Alcohol Isophorone Isopropalin	78-83-1 78-59-1 33820-53-0	2.3E+04 5.1E+02 9.2E+02	ns c* n	3.1E+05 1.8E+03 9.2E+03	nms c* n	2.1E+03 n n	n n n	8.8E+03 n 5.5E+02	n c n	1.1E+04 7.1E+01 5.5E+02	n c n		2.3E+00 2.3E-02 1.3E+01	
				1.0E-01 5.0E-02	I I	7.0E+00	C		1 1	0.1 0.1		Isopropanol Isopropyl Methyl Phosphonic Acid Isoxaben	67-63-0 1832-54-8 82558-50-7	9.9E+09 6.1E+03 3.1E+03	nm n n	4.2E+10 6.2E+04 3.1E+04	nm n n	7.3E+03 n n	n n n	3.1E+04 n n	n n n				7.9E-01 5.0E+00	
				7.5E-02 2.0E-03	I I	3.0E-01	A V		1 1	0.1 0.1		JP-7 Kerb Lactofen	NA 23950-58-5 77501-63-4	4.3E+08 4.6E+03 1.2E+02	nm n n	1.8E+09 4.6E+04 1.2E+03	nm n n	3.1E+02 n n	n n n	1.3E+03 n n	n n n	6.3E+02 2.7E+03 7.3E+01	n n n		2.8E+00 3.4E+00	
2.8E-01	C	8.0E-05	C						1 1	0.1		Lead Compounds ~Lead acetate ~Lead and Compounds	301-04-2 7439-92-1	1.7E+00 4.0E+02	c c	6.2E+00 8.0E+02	c c	3.0E-02 n	c c	1.5E-01 n	c c	2.4E-01 n	c	1.5E+01		1.4E+01
3.8E-02	C	1.1E-05	C	1.0E-07 2.0E-03	I I				1 1	0.1 0.1		~Lead subacetate ~Tetraethyl Lead Linuron	1335-32-6 78-00-2 330-55-2	1.3E+01 6.1E-03 1.2E+02	c n n	4.5E+01 6.2E-02 1.2E+03	c n n	2.2E-01 n n	c n n	1.1E+00 n n	c n n	1.8E+00 3.7E-03 7.3E+01	c n n		1.3E-05 6.4E-02	
				2.0E-03 2.0E-01 5.0E-04	P I I				1 1 1	0.1 0.1 0.1		Lithium Londax MCPA	7439-93-2 83055-99-6 94-74-6	1.6E+02 1.2E+04 3.1E+01	n n n	2.0E+03 1.2E+05 3.1E+02	n nm n					7.3E+01 7.3E+03 1.8E+01	n n n		2.2E+01 1.9E+00 4.7E-03	

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; Y = New York; O = EPA Office of Water; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1																												
Toxicity and Chemical-specific Information													Contaminant				Screening Levels										Protection of Ground Water SSLs	
SFO (mg/kg-day) ⁻¹	k e y	IUR (ug/m ³) ⁻¹	k e y	RfD ₀ (mg/kg-day)	k e y	RfC ₁ (mg/m ³)	k e y	v o l u t a g e n	GIABS	ABS	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)		
				1.0E-02	I					1	0.1	MCPB	94-81-5	6.1E+02	n	6.2E+03	n					3.7E+02	n		1.4E-01			
				1.0E-03	I					1	0.1	MCPB	93-65-2	6.1E+01	n	6.2E+02	n					3.7E+01	n		1.1E-02			
				2.0E-02	I					1	0.1	Malathion	121-75-5	1.2E+03	n	1.2E+04	n					7.3E+02	n		1.9E-01			
				1.0E-01	I	7.0E-04	C			1	0.1	Maleic Anhydride	108-31-6	6.1E+03	n	6.1E+04	n	7.3E-01	n	3.1E+00	n	3.7E+03	n		7.4E-01			
				5.0E-01	I					1	0.1	Maleic Hydrazide	123-33-1	3.1E+04	n	3.1E+05	nm					1.8E+04	n		3.8E+00			
				1.0E-04	P					1	0.1	Malononitrile	109-77-3	6.1E+00	n	6.2E+01	n					3.7E+00	n		7.5E-04			
				3.0E-02	H					1	0.1	Mancozeb	8018-01-7	1.8E+03	n	1.8E+04	n					1.1E+03	n		1.5E+00			
				5.0E-03	I					1	0.1	Maneb	12427-38-2	3.1E+02	n	3.1E+03	n					1.8E+02	n		2.6E-01			
				1.4E-01	I	5.0E-05	I			1		Manganese (Diet)	7439-96-5															
				2.4E-02	S	5.0E-05	I		0.04			Manganese (Non-diet)	7439-96-5	1.8E+03	n	2.3E+04	n	5.2E-02	n	2.2E-01	n	8.8E+02	n		5.7E+01			
				9.0E-05	H					1	0.1	Mephsotolan	950-10-7	5.5E+00	n	5.5E+01	n					3.3E+00	n		4.8E-03			
				3.0E-02	I					1	0.1	Mepiquat Chloride	24307-26-4	1.8E+03	n	1.8E+04	n					1.1E+03	n		3.6E-01			
				3.0E-04	I	3.0E-05	C		0.07			Mercury Compounds																
						3.0E-04	I V		1		3.1E+00	~Mercuric Chloride (and other Mercury salts)	7487-94-7	2.3E+01	n	3.1E+02	n	3.1E-02	n	1.3E-01	n	1.1E+01	n	2.0E+00				
												~Mercury (elemental)	7439-97-6	1.0E+01	ns	4.3E+01	ns	3.1E-01	n	1.3E+00	n	6.3E-01	n	2.0E+00	3.3E-02	1.0E-01		
				1.0E-04	I					1		~Methyl Mercury	22967-92-6	7.8E+00	n	1.0E+02	n					3.7E+00	n					
				8.0E-05	I					1	0.1	~Phenylmercuric Acetate	62-38-4	4.9E+00	n	4.9E+01	n					2.9E+00	n		9.1E-04			
				3.0E-05	I					1	0.1	Merphos	150-50-5	1.8E+00	n	1.8E+01	n					1.1E+00	n		1.1E-01			
				3.0E-05	I					1	0.1	Merphos Oxide	78-48-8	1.8E+00	n	1.8E+01	n					1.1E+00	n		5.4E-03			
				6.0E-02	I					1	0.1	Metalaxyl	57837-19-1	3.7E+03	n	3.7E+04												

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Toxicity and Chemical-specific Information										Contaminant					Screening Levels										Protection of Ground Water SSLs			
SFO (mg/kg-day) ⁻¹	key	IUR (ug/m ³) ⁻¹	key	RfD _o (mg/kg-day)	key	RfC _i (mg/m ³) ⁻¹	key	V o muta- gen	key	GIABS	key	ABS	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
				3.0E-02	X	1.0E-01	P	V		1				Naphtha, High Flash Aromatic (HFAN)	64724-95-6	2.3E+03	n	3.1E+04	n	1.0E+02	n	4.4E+02	n	1.8E+02	n			
1.8E+00	C	0.0E+00	C								1	0.1		Naphthylamine, 2-	91-59-8	2.7E-01	c	9.6E-01	c					3.7E-02	c		1.9E-04	
				1.0E-01	I							1	0.1	Napropamide	15299-99-7	6.1E+03	n	6.2E+04	n					3.7E+03	n		3.7E+03	n
				5.0E-02	C	5.0E-05	C			0.04				Nickel Carbonyl	13463-39-3	3.7E+03	n	4.4E+04	n	5.2E-02	n	2.2E-01	n	1.8E+03	n		2.4E+01	
				5.0E-02	C	1.0E-04	C				1			Nickel Oxide	1313-99-1	3.8E+03	n	4.7E+04	n	1.0E-01	n	4.4E-01	n	1.8E+03	n			
2.4E-04	I	5.0E-02	C	5.0E-05	C					0.04				Nickel Refinery Dust	NA	3.7E+03	n	4.4E+04	n	1.0E-02	c**	5.1E-02	c**	1.8E+03	n		2.7E+02	
2.6E-04	C	2.0E-02	I	9.0E-05	A					0.04				Nickel Soluble Salts	7440-02-0	1.5E+03	n	2.0E+04	n	9.4E-03	c*	4.7E-02	c**	7.3E+02	n		4.8E+01	
1.7E+00	C	4.8E-04	I	5.0E-02	C	5.0E-05	C			0.04				Nickel Subulfide	12035-72-2	3.8E-01	c	1.7E+00	c	5.1E-03	c*	2.6E-02	c**	4.0E-02	c			
				1.6E+00	I						1			Nitrate	14797-55-8	1.3E+05	nm	1.6E+06	nm					5.8E+04	n	1.0E+04		
				1.0E-01	I						1			Nitrite	14797-65-0	7.8E+03	n	1.0E+05	nm					3.7E+03	n			
2.0E-02	P			1.0E-02	X	5.0E-05	X				1	0.1		Nitroaniline, 2-	88-74-4	6.1E+02	n	6.0E+03	n	5.2E-02	n	2.2E-01	n	3.7E+02	n		1.5E-01	
				4.0E-03	P	6.0E-03	P				1	0.1		Nitroaniline, 4-	100-01-6	2.4E+01	c*	8.6E+01	c*	6.3E+00	n	2.6E+01	n	3.4E+00	c*		1.4E-03	
		4.0E-05	I	2.0E-03	I	9.0E-03	I	V			1		3.1E+03	Nitrobenzene	98-95-3	4.8E+00	c*	2.4E+01	c*	6.1E-02	c	3.1E-01	c	1.2E-01	c		7.9E-05	
				3.0E+03	P						1	0.1		Nitrocellulose	9004-70-0	1.8E+08	nm	1.8E+09	nm					1.1E+08	n		2.4E+04	
1.3E+00	C	3.7E-04	C	7.0E-02	H						1	0.1		Nitrofurantoin	67-20-9	4.3E+03	n	4.3E+04	n					2.6E+03	n		1.1E+00	
											1	0.1		Nitrofurazone	59-87-0	3.7E-01	c	1.3E+00	c	6.6E-03	c	3.3E-02	c	5.2E-02	c		4.7E-05	
1.7E-02	P			1.0E-04	P						1	0.1		Nitroglycerin	55-63-0	6.1E+00	n	6.2E+01	n					3.7E+00	n		1.6E-03	
				1.0E-01	I						1	0.1		Nitroguanidine	556-88-7	6.1E+03	n	6.2E+04	n					3.7E+03	n		8.8E-01	
				9.0E-06	P	2.0E-02	P	V			1		1.8E+04	Nitromethane	75-52-5	4.9E+00	c*	2.5E+01	c*	2.7E-01	c*	1.4E+00	c*	5.4E-01	c*		1.2E-04	
2.7E+01	C	7.7E-03	C	2.7E-03	H						1		4.9E+03	Nitropropane, 2-	79-46-9	1.3E-02	c	6.4E-02	c	9.0E-04	c	4.5E-03	c	1.8E-03	c		4.7E-07	
1.2E+02	C	3.4E-02	C					M		1	0.1			Nitroso-N-ethylurea, N-	759-73-9	4.3E-03	c	6.4E-02	c	1.2E-04	c	1.6E-03	c	8.0E-04	c		1.9E-07	
								M		1	0.1			Nitroso-N-methylurea, N-	684-93-5	9.6E-04	c	1.4E-02	c	2.8E-05	c	3.6E-04	c	1.8E-04	c		4.0E-08	
5.4E+00	I	1.6E-03	I					V			1		7.1E+03	Nitroso-di-N-butylamine, N-	924-16-3	8.7E-02	c	4.0E-01	c	1.5E-03	c	7.7E-03	c	2.4E-03	c		5.0E-06	
7.0E+00	I	2.0E-03	C								1	0.1		Nitroso-di-N-propylamine, N-	621-64-7	6.9E-02	c	2.5E-01	c	1.2E-03	c	6.1E-03	c	9.6E-03	c		7.2E-06	
2.8E+00	I	8.0E-04	C								1	0.1		Nitrosodiethanolamine, N-	1116-54-7	1.7E-01	c	6.2E-01	c	3.0E-03	c	1.5E-02	c	2.4E-02	c		4.9E-06	
1.5E+02	I	4.3E-02	I								1	0.1		Nitrosodiethylamine, N-	55-18-5	7.7E-04	c	1.1E-02	c	2.2E-05	c	2.9E-04	c	1.4E-04	c		5.3E-08	
5.1E+01	I	1.4E-02	I	8.0E-06	P	4.0E-05	X				1	0.1		Nitrosodimethylamine, N-	62-75-9	2.3E-03	c	3.4E-02	c	6.9E-05	c	8.8E-04	c	4.2E-04	c		1.0E-07	
4.9E-03	I	2.6E-06	C								1	0.1		Nitrosodiphenylamine, N-	86-30-6	9.9E+01	c	3.5E+02	c	9.4E-01	c	4.7E+00	c	1.4E+01	c		7.5E-02	
2.2E+01	I	6.3E-03	C								1	0.1		Nitrosomethylethylamine, N-	10595-95-6	2.2E-02	c	7.8E-02	c	3.9E-04	c	1.9E-03	c	3.1E-03	c		8.8E-07	
6.7E+00	C	1.9E-03	C								1	0.1		Nitrosomorpholine [N-]	59-89-2	7.3E-02	c	2.6E-01	c	1.3E-03	c	6.5E-03	c	1.0E-02	c		2.5E-06	
9.4E+00	C	2.7E-03	C								1	0.1		Nitrosopiperidine [N-]	100-75-4	5.2E-02	c	1.8E-01	c	9.0E-04	c	4.5E-03	c	7.2E-03	c		3.8E-06	
2.1E+00	I	6.1E-04	I								1	0.1		Nitrosopyrrolidine, N-	930-55-2	2.3E-01	c	8.2E-01	c	4.0E-03	c	2.0E-02	c	3.2E-02	c		1.2E-05	
				1.0E-04	X						1	0.1		Nitrotoluene, m-	99-08-1	6.1E+00	n	6.2E+01	n					3.7E+00	n		3.4E-03	
2.2E-01	P			9.0E-04	P			V			1		1.5E+03	Nitrotoluene, o-	88-72-2	2.9E+00	c*	1.3E+01	c*					3.1E-01	c		2.9E-04	
1.6E-02	P			4.0E-03	P						1	0.1		Nitrotoluene, p-	99-99-0	3.0E+01	c**	1.1E+02	c*					4.2E+00	c*		3.9E-03	
				3.0E-04	X	2.0E-01	P	V			1		6.9E+00	Nonane, n-	111-84-2	2.1E+01	ns	2.3E+02	ns	2.1E+02	n	8.8E+02	n	1.1E+01	n		1.5E-01	
				4.0E-02	I						1	0.1		Norflurazon	27314-13-2	2.4E+03	n	2.5E+04	n					1.5E+03	n		9.4E+00	
				7.0E-04	I						1	0.1		Nustar	85509-19-9	4.3E+01	n	4.3E+02	n					2.6E+01	n		4.1E+00	
				3.0E-03	I						1	0.1		Octabromodiphenyl Ether	32536-52-0	1.8E+02	n	1.8E+03	n					1.1E+02	n		2.2E+01	
				5.0E-02	I						1	0.006		Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetra (HMX)	2691-41-0	3.8E+03	n	4.9E+04	n					1.8E+03	n		2.3E+00	
				2.0E-03	H						1	0.1		Octamethylpyrophosphoramide	152-16-9	1.2E+02	n	1.2E+03	n					7.3E+01	n		1.8E-02	
				5.0E-02	I						1	0.1		Oryzalin	19044-88-3	3.1E+03	n	3.1E+04	n					1.8E+03	n		3.4E+00	
				5.0E-03	I						1	0.1		Oxadiazon	19666-30-9	3.1E+02	n	3.1E+03	n					1.8E+02	n		1.9E+00	
				2.5E-02	I						1	0.1		Oxamyl	23135-22-0	1.5E+03	n	1.5E+04	n					9.1E+02	n	2.0E+02	2.0E-01	4.4E-02
				1.3E-02	I						1	0.1		Paclobutrazol	76738-62-0	7.9E+02	n	8.0E+03	n					4.7E+02	n		9.7E-01	
				4.5E-03	I						1	0.1		Paraquat Dichloride	1910-42-5	2.7E+02	n	2.8E+03	n					1.6E+02	n		2.3E+00	
				6.0E-03	H						1	0.1		Parathion	56-38-2	3.7E+02	n	3.7E+03	n					2.2E+02	n		1.1E+00	
				5.0E-02	H						1	0.1		Pebulate	1114-71-2	3.1E+03	n	3.1E+04	n					1.8E+03	n		1.5E+00	
				4.0E-02	I						1	0.1		Pendimethalin	40487-42-1	2.4E+03	n	2.5E+04	n					1.5E+03	n		1.7E+01	
				2.0E-03	I						1	0.1		Pentabromodiphenyl Ether	32534-81-9	1.2E+02	n	1.2E+03	n					7.3E+01	n		3.2E+00	
				1.0E-04	I						1	0.1		Pentabromodiphenyl ether, 2,2',4,4',5- (BDE-99)	60348-60-9	6.1E+00	n	6.2E+01	n					3.7E+00	n		1.6E-01	
				8.0E-04	I						1	0.1		Pentachlorobenzene	608-93-5	4.9E+01	n	4.9E+02	n					2.9E+01	n		2.2E-01	
9.0E-02	P										1	0.1		Pentachloroethane	76-01-7	5.4E+00	c	1.9E+01	c					7.5E-01	c		3.6E-04	
2.6E-01	H			3.0E-03	I						1	0.1		Pentachloronitrobenzene	82-68-8	1.9E+00	c*	6.6E+00	c					2.6E-01	c		3.2E-03	
4.0E-01	I	5.1E-06	C	5.0E-03	I					0.25				Pentachlorophenol	87-86-5	8.9E-01	c	2.7E+00	c	4.8E-01	c	2.4E+00	c	1.7E-01	c	1.0E+00	1.7E-03	1.0E-02
4.0E-03	X			2.0E-03	P						1	0.1	3.9E+02	Pentaerythritol tetranitrate (PETN)	78-11-5													

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Toxicity and Chemical-specific Information										Contaminant					Screening Levels								Protection of Ground Water SSLs				
SFO (mg/kg-day) ⁻¹	k e y	IUR (ug/m ³ -day) ⁻¹	k e y	RfD _o (mg/kg-day)	k e y	RfC _i (mg/m ³)	k e y	V o l u t i l e n c e	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
		2.5E-01 3.0E-01	I I			2.0E-01	C			1	0.1		Phenmedipham Phenol	13684-63-4 108-95-2	1.5E+04 1.8E+04	n n	1.5E+05 1.8E+05	nm nm					9.1E+03 1.1E+04	n n		4.9E+01 6.3E+00	
		5.0E-04 6.0E-03	X I							1	0.1		Phenothiazine Phenylenediamine, m- Phenylenediamine, o-	92-84-2 108-45-2 95-54-5	3.1E+01 3.7E+02 1.0E+01	n c c	3.1E+02 3.7E+03 3.7E+01	n c n					1.8E+01 2.2E+02 1.4E+00	n c c		5.9E-02 3.8E-04	
4.7E-02	H			1.9E-01 2.0E-04	H H					1	0.1		Phenylenediamine, p- Phenylphenol, 2- Phorate	106-50-3 90-43-7 298-02-2	1.2E+04 2.5E+02 1.2E+01	n c n	1.2E+05 8.9E+02 1.2E+02	nm c n					6.9E+03 3.5E+01 7.3E+00	n c n		1.9E+00 4.7E-01 8.2E-03	
				3.0E-04	I	V				1		1.6E+03	Phosgene Phosmet Phosphates, Inorganic	75-44-5 732-11-6	3.3E-01 1.2E+03	n n	1.4E+00 1.2E+04	n n	3.1E-01	n	1.3E+00	n	7.3E+02	n		1.6E-01	
		4.9E+01 4.9E+01 4.9E+01	P P P							1			~Aluminum metaphosphate ~Ammonium polyphosphate ~Calcium pyrophosphate	13776-88-0 68333-79-9 7790-76-3	3.8E+06 3.8E+06 3.8E+06	nm nm nm	5.0E+07 5.0E+07 5.0E+07	nm nm nm					1.8E+06 1.8E+06 1.8E+06	n n n			
		4.9E+01 4.9E+01 4.9E+01	P P P							1			~Diammonium phosphate ~Dicalcium phosphate ~Dimagnesium phosphate	7783-28-0 7757-93-9 7782-75-4	3.8E+06 3.8E+06 3.8E+06	nm nm nm	5.0E+07 5.0E+07 5.0E+07	nm nm nm					1.8E+06 1.8E+06 1.8E+06	n n n			
		4.9E+01 4.9E+01 4.9E+01	P P P							1			~Dipotassium phosphate ~Disodium phosphate ~Monoaluminum phosphate	7758-11-4 7558-79-4 13530-50-2	3.8E+06 3.8E+06 3.8E+06	nm nm nm	5.0E+07 5.0E+07 5.0E+07	nm nm nm					1.8E+06 1.8E+06 1.8E+06	n n n			
		4.9E+01 4.9E+01 4.9E+01	P P P							1			~Monoammonium phosphate ~Monocalcium phosphate ~Monomagnesium phosphate	7722-76-1 7758-23-8 7757-86-0	3.8E+06 3.8E+06 3.8E+06	nm nm nm	5.0E+07 5.0E+07 5.0E+07	nm nm nm					1.8E+06 1.8E+06 1.8E+06	n n n			
		4.9E+01 4.9E+01 4.9E+01	P P P							1			~Monopotassium phosphate ~Monosodium phosphate ~Polyphosphoric acid	7778-77-0 7558-80-7 8017-16-1	3.8E+06 3.8E+06 3.8E+06	nm nm nm	5.0E+07 5.0E+07 5.0E+07	nm nm nm					1.8E+06 1.8E+06 1.8E+06	n n n			
		4.9E+01 4.9E+01 4.9E+01	P P P							1			~Potassium triphosphate ~Sodium acid pyrophosphate ~Sodium aluminum phosphate (acidic)	13845-36-8 7758-16-9 7785-88-8	3.8E+06 3.8E+06 3.8E+06	nm nm nm	5.0E+07 5.0E+07 5.0E+07	nm nm nm					1.8E+06 1.8E+06 1.8E+06	n n n			
		4.9E+01 4.9E+01 4.9E+01	P P P							1			~Sodium aluminum phosphate (anhydrous) ~Sodium aluminum phosphate (tetrahydrate) ~Sodium hexametaphosphate	10279-59-1 10305-76-7 10124-56-8	3.8E+06 3.8E+06 3.8E+06	nm nm nm	5.0E+07 5.0E+07 5.0E+07	nm nm nm					1.8E+06 1.8E+06 1.8E+06	n n n			
		4.9E+01 4.9E+01 4.9E+01	P P P							1			~Sodium polyphosphate ~Sodium trimetaphosphate ~Sodium triphosphate	68915-31-1 7785-84-4 7758-29-4	3.8E+06 3.8E+06 3.8E+06	nm nm nm	5.0E+07 5.0E+07 5.0E+07	nm nm nm					1.8E+06 1.8E+06 1.8E+06	n n n			
		4.9E+01 4.9E+01 4.9E+01	P P P							1			~Tetrapotassium phosphate ~Tetrasodium pyrophosphate ~Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate)	7320-34-5 7722-88-5 15136-87-5	3.8E+06 3.8E+06 3.8E+06	nm nm nm	5.0E+07 5.0E+07 5.0E+07	nm nm nm					1.8E+06 1.8E+06 1.8E+06	n n n			
		4.9E+01 4.9E+01 4.9E+01	P P P							1			~Tricalcium phosphate ~Trimagnesium phosphate ~Tripotassium phosphate	7758-87-4 7757-87-1 7778-53-2	3.8E+06 3.8E+06 3.8E+06	nm nm nm	5.0E+07 5.0E+07 5.0E+07	nm nm nm					1.8E+06 1.8E+06 1.8E+06	n n n			
		4.9E+01 3.0E-04 4.9E+01	P I P			3.0E-04	I			1			~Trisodium phosphate Phosphine Phosphoric Acid	7601-54-9 7803-51-2 7664-38-2	3.8E+06 2.3E+01 3.0E+06	nm n nm	5.0E+07 3.1E+02 2.7E+07	nm n nm		n	1.3E+00	n	1.1E+01 1.1E+01 1.8E+06	n n n			
		2.0E-05 1.0E+00 2.0E+00	I H I							1			Phosphorus, White Phthalic Acid, P- Phthalic Anhydride	7723-14-0 100-21-0 85-44-9	1.6E+00 6.1E+04 1.2E+05	n n nm	2.0E+01 6.2E+05 1.2E+06	n nm nm				n	7.3E-01 3.7E+04 7.3E+04	n n n		2.7E-03 1.3E+01 1.6E+01	
		7.0E-02 1.0E-04 1.0E-02	I X I							1	0.1		Picloram Picramic Acid (2-Amino-4,6-dinitrophenol) Pirimiphos, Methyl	1918-02-1 96-91-3 29232-93-7	4.3E+03 6.1E+00 6.1E+02	n n n	4.3E+04 6.2E+01 6.2E+03	n c n					2.6E+03 3.7E+00 3.7E+02	n c c	5.0E+02	7.1E-01 2.4E-03 3.5E-01	1.4E-01
3.0E+01	C	8.6E-03	C	7.0E-06	H					1	0.1		Polybrominated Biphenyls Polychlorinated Biphenyls (PCBs) ~Aroclor 1016	59536-65-1 12674-11-2	1.6E-02 3.9E+00	c* n	5.7E-02 2.1E+01	c* c**	2.8E-04 1.2E-01	c c	1.4E-03 6.1E-01	c c	2.2E-03 9.6E-01	c c**		9.2E-02	
7.0E-02	S	2.0E-05	S	7.0E-05	I					1	0.14		~Aroclor 1221 ~Aroclor 1232 ~Aroclor 1242	11104-28-2 11141-16-5 53469-21-9	1.4E-01 1.4E-01 2.2E-01	c c c	5.4E-01 5.4E-01 7.4E-01	c c c	4.3E-03 4.3E-03 4.3E-03	c c c	2.1E-02 2.1E-02 2.1E-02	c c c	6.8E-03 6.8E-03 3.4E-02	c c c		1.2E-04 1.2E-04 5.3E-03	
2.0E+00	S	5.7E-04	S							1	0.14		~Aroclor 1248 ~Aroclor 1254 ~Aroclor 1260	12672-29-6 11097-69-1 11096-82-5	2.2E-01 2.2E-01 2.2E-01	c c** c	7.4E-01 7.4E-01 7.4E-01	c c* c	4.3E-03 4.3E-03 4.3E-03	c c c	2.1E-02 2.1E-02 2.1E-02	c c c	3.4E-02 3.4E-02 3.4E-02	c c* c		5.2E-03 8.8E-03 2.4E-02	
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			1	0.14		~Heptachlorobiphenyl, 2,3,3',4,4',5,5' (PCB 189) ~Hexachlorobiphenyl, 2,3',4,4',5,5' (PCB 167) ~Hexachlorobiphenyl, 2,3,3',4,4',5' (PCB 157)	39635-31-9 52663-72-6 69782-90-7	1.1E-01 1.1E-01 1.1E-01	c* c* c*	3.8E-01 3.8E-01 3.8E-01	c* c* c*	2.1E-03 2.1E-03 2.1E-03	c c c	1.1E-02 1.1E-02 1.1E-02	c c c	1.7E-02 1.7E-02 1.7E-02	c* c* c*		1.2E-02 7.2E-03 7.4E-03	
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E			1	0.14		~Hexachlorobiphenyl, 2,3,3',4,4',5,5' (PCB 156) ~Hexachlorobiphenyl, 3,3',4,4',5,5' (PCB 169) ~Pentachlorobiphenyl, 2',3,4,4',5' (PCB 123)	38380-08-4 32774-16-6 65510-44-3	1.1E-01 1.1E-04 1.1E-01	c* c* c*	3.8E-01 3.8E-04 3.8E-01	c* c* c*	2.1E-03 2.1E-06 2.1E-03	c c c	1.1E-02 1.1E-05 1.1E-02	c c c	1.7E-02 1.7E-05 1.7E-02	c* c* c*		7.4E-03 7.2E-06 4.5E-03	

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Toxicity and Chemical-specific Information										Contaminant					Screening Levels										Protection of Ground Water SSLs		
SFO (mg/kg-day) ⁻¹	k e y	IUR (ug/m ³) ⁻¹	RfD _a (mg/kg-day)	k e y	RfC _i (mg/m ³) ⁻¹	k e y	V o l u t e	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)	
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E		1	0.14		~Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	31508-00-6	1.1E-01	c*	3.8E-01	c*	2.1E-03	c	1.1E-02	c	1.7E-02	c*		4.4E-03		
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E		1	0.14		~Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	1.1E-01	c*	3.8E-01	c*	2.1E-03	c	1.1E-02	c	1.7E-02	c*		4.5E-03		
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E		1	0.14		~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	74472-37-0	1.1E-01	c*	3.8E-01	c*	2.1E-03	c	1.1E-02	c	1.7E-02	c*		4.5E-03		
1.3E+04	E	3.8E+00	E	1.0E-08	E	4.0E-07	E		1	0.14		~Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	57465-28-8	3.4E-05	c*	1.1E-04	c*	6.4E-07	c	3.2E-06	c	5.2E-06	c*		1.3E-06		
2.0E+00	I	5.7E-04	I						1	0.14		~Polychlorinated Biphenyls (high risk)	1336-36-3	2.2E-01	c	7.4E-01	c	4.3E-03	c	2.1E-02	c						
4.0E-01	I	1.0E-04	I						1	0.14		~Polychlorinated Biphenyls (low risk)	1336-36-3					2.4E-02	c	1.2E-01	c	1.7E-01	c	5.0E-01	2.6E-02	7.8E-02	
7.0E-02	I	2.0E-05	I						1	0.14		~Polychlorinated Biphenyls (lowest risk)	1336-36-3					1.2E-01	c	6.1E-01	c						
1.3E+01	E	3.8E-03	E	1.0E-05	E	4.0E-04	E		1	0.14		~Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	3.4E-02	c*	1.1E-01	c*	6.4E-04	c	3.2E-03	c	5.2E-03	c*		8.1E-04		
3.9E+01	E	1.1E-02	E	3.3E-06	E	1.3E-04	E		1	0.14		~Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)	70362-50-4	1.1E-02	c*	3.8E-02	c*	2.1E-04	c	1.1E-03	c	1.7E-03	c*		2.7E-04		
				6.0E-04	I				1	0.13		Polymeric Methylenediphenyl Diisocyanate (PMDI)	9016-87-9	8.5E+05	nm	3.6E+06	nm	6.3E-01	n	2.6E+00	n						
				6.0E-02	I			V		1	0.13	Polynuclear Aromatic Hydrocarbons (PAHs)															
				3.0E-01	I			V		1	0.13	~Acenaphthene	83-32-9	3.4E+03	n	3.3E+04	n					2.2E+03	n		2.2E+01		
7.3E-01	E	1.1E-04	C					M	1	0.13		~Anthracene	120-12-7	1.7E+04	n	1.7E+05	nm					1.1E+04	n		3.6E+02		
1.2E+00	C	1.1E-04	C						1	0.13		~Benz[a]anthracene	56-55-3	1.5E-01	c	2.1E+00	c	8.7E-03	c	1.1E-01	c	2.9E-02	c		1.0E-02		
									1	0.13		~Benzo[j]fluoranthene	205-82-3	3.8E-01	c	1.3E+00	c	2.2E-02	c	1.1E-01	c	5.6E-02	c		6.7E-02		
7.3E+00	I	1.1E-03	C					M	1	0.13		~Benzo[a]pyrene	50-32-8	1.5E-02	c	2.1E-01	c	8.7E-04	c	1.1E-02	c	2.9E-03	c	2.0E-01	3.5E-03	2.4E-01	
7.3E-01	E	1.1E-04	C					M	1	0.13		~Benzo[b]fluoranthene	205-99-2	1.5E-01	c	2.1E+00	c	8.7E-03	c	1.1E-01	c	2.9E-02	c		3.5E-02		
7.3E-02	E	1.1E-04	C					M	1	0.13		~Benzo[k]fluoranthene	207-08-9	1.5E+00	c	2.1E+01	c	8.7E-03	c	1.1E-01	c	2.9E-01	c		3.5E-01		
7.3E-03	E	1.1E-05	C					M	1	0.13		~Chrysene	218-01-9	1.5E+01	c	2.1E+02	c	8.7E-02	c	1.1E+00	c	2.9E+00	c		1.1E+00		
7.3E+00	E	1.2E-03	C					M	1	0.13		~Dibenz[a,h]anthracene	53-70-3	1.5E-02	c	2.1E-01	c	8.0E-04	c	1.0E-02	c	2.9E-03	c		1.1E-02		
1.2E+01	C	1.1E-03	C						1	0.13		~Dibenz[a,e]pyrene	192-65-4	3.8E-02	c	1.3E-01	c	2.2E-03	c	1.1E-02	c	5.6E-03	c		7.3E-02		
2.5E+02	C	7.1E-02	C					M	1	0.13		~Dimethylbenz(a)anthracene, 7,12-	57-97-6	4.3E-04	c	6.2E-03	c	1.4E-05	c	1.7E-04	c	8.6E-05	c		8.5E-05		
				4.0E-02	I				1	0.13		~Fluoranthene	206-44-0	2.3E+03	n	2.2E+04	n					1.5E+03	n		1.6E+02		
				4.0E-02	I			V	1	0.13		~Fluorene	86-73-7	2.3E+03	n	2.2E+04	n					1.5E+03	n		2.7E+01		
7.3E-01	E	1.1E-04	C					M	1	0.13		~Indeno[1,2,3-cd]pyrene	193-39-5	1.5E-01	c	2.1E+00	c	8.7E-03	c	1.1E-01	c	2.9E-02	c		1.2E-01		
2.9E-02	P			7.0E-02	A			V	1		3.9E+02	~Methylnaphthalene, 1-	90-12-0	2.2E+01	c	9.9E+01	c					2.3E+00	c		1.2E-02		
				4.0E-03	I			V	1		3.7E+02	~Methylnaphthalene, 2-	91-57-6	3.1E+02	n	4.1E+03	ns					1.5E+02	n		7.5E-01		
		3.4E-05	C	2.0E-02	I	3.0E-03	I	V		1	0.13	~Naphthalene	91-20-3	3.6E+00	c*	1.8E+01	c*	7.2E-02	c*	3.6E-01	c*	1.4E-01	c*		4.7E-04		
1.2E+00	C	1.1E-04	C						1	0.13		~Nitropyrene, 4-	57835-92-4	3.8E-01	c	1.3E+00	c	2.2E-02	c	1.1E-01	c	5.6E-02	c		9.7E-03		
				3.0E-02	I			V		1	0.13	~Pyrene	129-00-0	1.7E+03	n	1.7E+04	n					1.1E+03	n		1.2E+02		
1.5E-01	I			9.0E-03	I				1	0.1		Prochloraz	67747-09-5	3.2E+00	c	1.1E+01	c					4.5E-01	c		2.3E-03		
				6.0E-03	H				1	0.1		Profluralin	26399-36-0	3.7E+02	n	3.7E+03	n					1.3E+02	n		2.2E+02		
				1.5E-02	I				1	0.1		Prometon	1610-18-0	9.2E+02	n	9.2E+03	n					5.5E+02	n		2.6E-01		
				4.0E-03	I				1	0.1		Prometryn	7287-19-6	2.4E+02	n	2.5E+03	n					1.5E+02	n		2.2E-01		
				1.3E-02	I				1	0.1		Propachlor	1918-16-7	7.9E+02	n	8.0E+03	n					4.7E+02	n		2.9E-01		
				5.0E-03	I				1	0.1		Propanil	709-98-8	3.1E+02	n	3.1E+03	n					1.8E+02	n		1.0E-01		
				2.0E-02	I				1	0.1		Propargite	2312-35-8	1.2E+03	n	1.2E+04	n					7.3E+02	n		5.4E+01		
				2.0E-03	I				1	0.1		Propargyl Alcohol	107-19-7	1.2E+02	n	1.2E+03	n					7.3E+01	n		1.5E-02		
				2.0E-02	I				1	0.1		Propazine	139-40-2	1.2E+03	n	1.2E+04	n					7.3E+02	n		6.5E-01		
				2.0E-02	I				1	0.1		Propham	122-42-9	1.2E+03	n	1.2E+04	n					7.3E+02	n		4.7E-01		
				1.3E-02	I				1	0.1		Propiconazole	60207-90-1	7.9E+02	n	8.0E+03	n					4.7E+02	n		1.6E+00		
					8.0E-03	I	V		1		3.3E+04	Propionaldehyde	123-38-6	8.0E+01	n	3.4E+02	n	8.3E+00	n	3.5E+01	n	1.7E+01	n		3.4E-03		
				1.0E-01	X	1.0E+00	X	V		1	0.1	2.6E+02	Propyl benzene	103-65-1	3.4E+03	ns	2.1E+04	ns	1.0E+03	n	4.4E+03	n	1.3E+03	n		2.5E+00	
					3.0E+00	C			1	0.1		Propylene	115-07-1	4.3E+09	nm	1.8E+10	nm	3.1E+03	n	1.3E+04	n						
				2.0E+01	P				1	0.1		Propylene Glycol	57-55-6	1.2E+06	nm	1.2E+07	nm					7.3E+05	n		1.5E+02		
					2.7E-04	A	V		1		1.5E+03	Propylene Glycol Dinitrate	6423-43-4	5.7E+01	n	2.4E+02	n	2.8E-01	n	1.2E+00	n	5.7E-01	n		1.8E-04		
				7.0E-01	H				1	0.1		Propylene Glycol Monoethyl Ether	1569-02-4	4.3E+04	n	4.3E+05	nm					2.6E+04	n		5.2E+00		
				7.0E-01	H	2.0E+00	I		1	0.1		Propylene Glycol Monomethyl Ether	107-98-2	4.3E+04	n	4.3E+05	nm	2.1E+03	n	8.8E+03	n	2.6E+04	n		5.2E+00		
2.4E-01	I	3.7E-06	I						1		7.8E+04	Propylene Oxide	75-56-9	2.0E+00	c	9.0E+00	c	6.6E-01	c*	3.3E+00	c*	2.3E-01	c		4.9E-05		
				2.5E-01	I				1	0.1		Pursuit	81335-77-5	1.5E+04	n	1.5E+05	nm					9.1E+03	n		8.0E+00		
				2.5E-02	I				1	0.1		Pydrin	51630-58-1	1.5E+03	n	1.5E+04	n					9.1E+02	n		5.8E+02		
				1.0E-03	I			V	1		5.3E+05	Pyridine	110-86-1	7.8E+01	n	1.0E+03	n					3.7E+01	n		1.3E-02		
3.0E+00	I			5.0E-04	I				1	0.1		Quinalphos	13593-03-8	3.1E+01	n	3.1E+02	n					1.8E+01	n		1.6E-01		
									1	0.1		Quinoline	91-22-5	1.6E-01	c	5.7E-01	c					2.2E-02	c		7.4E-05		
					3.0E-02	A			1			Refractory Ceramic Fibers	NA	4.3E+07	nm	1.8E+08	nm	3.1E+01	n	1.3E+02	n						
				3.0E-02	I				1	0.1		Resmethrin	10453-86-8	1.8E+03	n	1.8E+04	n					1.1E+03	n		6.8E+02		
				5.0E-02	H				1	0.1		Ronnel	299-84-3	3.1E+03	n	3.1E+04	n					1.8E+03	n		1.7E+01		
2.2E-01	C	6.3E-05	C						1	0.1		Rotenone	83-79-4	2.4E+02</													

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Toxicity and Chemical-specific Information										Contaminant					Screening Levels								Protection of Ground Water SSLs			
SFO (mg/kg-day) ⁻¹	k _e y	IUR (ug/m ³) ⁻¹	k _e y	RfD _a (mg/kg-day)	k _e y	RfC _i (mg/m ³)	k _e y	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
				5.0E-03	I					0.04		Silver	7440-22-4	3.9E+02	n	5.1E+03	n					1.8E+02	n		1.6E+00	
1.2E-01	H			5.0E-03	I				1	0.1		Simazine	122-34-9	4.1E+00	c*	1.4E+01	c					5.6E-01	c	4.0E+00	2.8E-04	2.0E-03
				1.3E-02	I							Sodium Acifluorfen	62476-59-9	7.9E+02	n	8.0E+03	n					4.7E+02	n		3.8E+00	
				4.0E-03	I							Sodium Azide	26628-22-8	3.1E+02	n	4.1E+03	n					1.5E+02	n			
2.7E-01	H			3.0E-02	I				1	0.1		Sodium Diethyldithiocarbamate	148-18-5	1.8E+00	c	6.4E+00	c					2.5E-01	c			
				5.0E-02	A	1.3E-02	C					Sodium Fluoride	7681-49-4	3.9E+03	n	5.1E+04	n	1.4E+01	n	5.7E+01	n	1.8E+03	n			
				2.0E-05	I					1	0.1	Sodium Fluoroacetate	62-74-8	1.2E+00	n	1.2E+01	n					7.3E-01	n		1.5E-04	
2.4E-02	H			1.0E-03	H							Sodium Metavanadate	13718-26-8	7.8E+01	n	1.0E+03	n					3.7E+01	n			
				3.0E-02	I					1	0.1	Stirofos (Tetrachlorovinphos)	961-11-5	2.0E+01	c*	7.2E+01	c					2.8E+00	c		8.3E-03	
				6.0E-01	I							Strontium, Stable	7440-24-6	4.7E+04	n	6.1E+05	nm					2.2E+04	n		7.7E+02	
				3.0E-04	I					1	0.1	Strychnine	57-24-9	1.8E+01	n	1.8E+02	n					1.1E+01	n		1.2E-01	
				2.0E-01	I	1.0E+00	I	V				Styrene	100-42-5	6.3E+03	ns	3.6E+04	ns	1.0E+03	n	4.4E+03	n	1.6E+03	n	1.0E+02	1.8E+00	1.1E-01
				8.0E-04	P					1	0.1	Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9	4.9E+01	n	4.9E+02	n					2.9E+01	n		1.7E-01	
						1.0E-03	C			1		Sulfuric Acid	7664-93-9	1.4E+06	nm	6.0E+06	nm	1.0E+00	n	4.4E+00	n					
				2.5E-02	I					1	0.1	Systhane	88671-89-0	1.5E+03	n	1.5E+04	n					9.1E+02	n		1.1E+01	
				3.0E-02	H					1	0.1	TCMTB	21564-17-0	1.8E+03	n	1.8E+04	n					1.1E+03	n		7.6E+00	
				7.0E-02	I					1	0.1	Tebuthiuron	34014-18-1	4.3E+03	n	4.3E+04	n					2.6E+03	n		7.3E-01	
				2.0E-02	H					1	0.1	Temephos	3383-96-8	1.2E+03	n	1.2E+04	n					7.3E+02	n		1.4E+02	
				1.3E-02	I					1	0.1	Terbacil	5902-51-2	7.9E+02	n	8.0E+03	n					4.7E+02	n		1.4E-01	
				2.5E-05	H					1	0.1	Terbufos	13071-79-9	1.5E+00	n	1.5E+01	n					9.1E-01	n		2.0E-03	
				1.0E-03	I					1	0.1	Terbutryn	886-50-0	6.1E+01	n	6.2E+02	n					3.7E+01	n		5.2E-02	
				1.0E-04	I					1	0.1	Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1	6.1E+00	n	6.2E+01	n					3.7E+00	n		9.7E-02	
2.6E-02	I	7.4E-06	I	3.0E-02	I					1		Tetrachlorobenzene, 1,2,4,5-	95-94-3	1.8E+01	n	1.8E+02	n					1.1E+01	n		5.1E-02	
2.0E-01	I	5.8E-05	C	2.0E-02	I			V			6.8E+02	Tetrachloroethane, 1,1,1,2-	630-20-6	1.9E+00	c	9.3E+00	c	3.3E-01	c	1.7E+00	c	5.2E-01	c		2.0E-04	
								V			1.9E+03	Tetrachloroethane, 1,1,2,2-	79-34-5	5.6E-01	c	2.8E+00	c	4.2E-02	c	2.1E-01	c	6.7E-02	c		2.6E-05	
5.4E-01	C	5.9E-06	C	1.0E-02	I	2.7E-01	A	V			1	Tetrachloroethylene	127-18-4	5.5E-01	c	2.6E+00	c	4.1E-01	c	2.1E+00	c	1.1E-01	c	5.0E+00	4.9E-05	2.3E-03
				3.0E-02	I						1	Tetrachlorophenol, 2,3,4,6-	58-90-2	1.8E+03	n	1.8E+04	n					1.1E+03	n		6.7E+00	
2.0E+01	H										1	Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1	2.4E-02	c	8.6E-02	c					3.4E-03	c		1.1E-05	
				5.0E-04	I					1	0.1	Tetraethyl Dithiopyrophosphate	3689-24-5	3.1E+01	n	3.1E+02	n					1.8E+01	n		1.3E-02	
						8.0E+01	I	V				Tetrafluoroethane, 1,1,1,2-	811-97-2	1.1E+05	nms	4.6E+05	nms	8.3E+04	n	3.5E+05	n	1.7E+05	n		9.3E+01	
				4.0E-03	P					1	0.1	Tetryl (Trinitrophenylmethyl nitramine)	479-45-8	2.4E+02	n	2.5E+03	n					1.5E+02	n		1.4E+00	
				1.0E-05	X					1		Thallium (Soluble Salts)	7440-28-0	7.8E-01	n	1.0E+01	n					3.7E-01	n	2.0E+00	2.6E-02	1.4E-01
				1.0E-02	I					1	0.1	Thiobencarb	28249-77-6	6.1E+02	n	6.2E+03	n					3.7E+02	n		1.3E+00	
				7.0E-02	X					1	0.008	Thiodiglycol	111-48-8	5.4E+03	n	6.8E+04	n					2.6E+03	n		5.2E-01	
				3.0E-04	H					1	0.1	Thiofanox	39196-18-4	1.8E+01	n	1.8E+02	n					1.1E+01	n		3.8E-03	
				8.0E-02	I					1	0.1	Thiophanate, Methyl	23564-05-8	4.9E+03	n	4.9E+04	n					2.9E+03	n		2.5E+00	
				5.0E-03	I					1	0.1	Thiram	137-26-8	3.1E+02	n	3.1E+03	n					1.8E+02	n		2.6E-01	
				6.0E-01	H					1		Tin	7440-31-5	4.7E+04	n	6.1E+05	nm					2.2E+04	n		5.5E+03	
						1.0E-04	A			1		Titanium Tetrachloride	7550-45-0	1.4E+05	nm	6.0E+05	nm	1.0E-01	n	4.4E-01	n					
				8.0E-02	I	5.0E+00	I	V			8.2E+02	Toluene	108-88-3	5.0E+03	ns	4.5E+04	ns	5.2E+03	n	2.2E+04	n	2.3E+03	n	1.0E+03	1.6E+00	6.9E-01
1.8E-01	X			1.0E-04	X					1	0.1	Toluene-2,5-diamine	95-70-5	2.7E+00	c**	9.6E+00	c**					3.7E-01	c**		1.2E-04	
1.9E-01	H									1	0.1	Toluidine, p-	106-49-0	2.6E+00	c	9.1E+00	c					3.5E-01	c		1.5E-04	
1.1E+00	I	3.2E-04	I							1	0.1	Toxaphene	8001-35-2	4.4E-01	c	1.6E+00	c	7.6E-03	c	3.8E-02	c	6.1E-02	c	3.0E+00	9.4E-03	4.6E-01
				7.5E-03	I					1	0.1	Tralometrin	66841-25-6	4.6E+02	n	4.6E+03	n					2.7E+02	n		1.0E+02	
				3.0E-04	A					1	0.1	Tri-n-butyltin	688-73-3	1.8E+01	n	1.8E+02	n					1.1E+01	n		2.4E-01	
				1.3E-02	I					1	0.1	Triallate	2303-17-5	7.9E+02	n	8.0E+03	n					4.7E+02	n		1.1E+00	
				1.0E-02	I					1	0.1	Triasulfuron	82097-50-5	6.1E+02	n	6.2E+03	n					3.7E+02	n		3.8E-01	
				5.0E-03	I					1	0.1	Tribromobenzene, 1,2,4-	615-54-3	3.1E+02	n	3.1E+03	n					1.8E+02	n		2.6E-01	
9.0E-03	P			1.0E-02	P					1	0.1	Tributyl Phosphate	126-73-8	5.4E+01	c*	1.9E+02	c*					7.5E+00	c*		3.7E-02	
				3.0E-04	P					1	0.1	Tributyltin Compounds	NA	1.8E+01	n	1.8E+02	n					1.1E+01	n			
				3.0E-04	I					1	0.1	Tributyltin Oxide	56-35-9	1.8E+01	n	1.8E+02	n					1.1E+01	n		5.7E+02	
				3.0E+01	I	3.0E+01	H	V			9.1E+02	Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1	4.3E+04	ns	1.8E+05	nms	3.1E+04	n	1.3E+05	n	5.9E+04	n		1.5E+02	
										1	0.1	Trichloroacetic Acid	76-03-9											6.0E+01		1.2E-02
2.9E-02	H									1	0.1	Trichloroaniline HCl, 2,4,6-	33663-50-2	1.7E+01	c	5.9E+01	c					2.3E+00	c		6.4E-03	
7.0E-03	X			3.0E-05	X					1	0.1	Trichloroaniline, 2,4,6-	634-93-5	1.8E+00	n	1.8E+01	n					1.1E+00	n		9.9E-03	
				8.0E-04	X			V		1	0.1	Trichlorobenzene, 1,2,3-	87-61-6	4.9E+01	n	4.9E+02	ns					2.9E+01	n		8.7E-02	
2.9E-02	P			1.0E-02	I	2.0E-03	P	V		1		Trichlorobenzene, 1,2,4-	120-82-1	2.2E+01	c**	9.9E+01	c**	2.1E+00	n	8.8E+00	n	2.3E+00	c**	7.0E+01	6.8E-03	2.0E-01
				2.0E+00	I	5.0E+00	I	V		1		Trichloroethane, 1,1,1-	71-55-6	8.7E+03	ns	3.8E+04	ns	5.2E+03	n	2.2E+04	n	9.1E+03	n	2.0E+02	3.2E+00	7.0E-02
5.7E-02	I	1.6E-05	I	4.0E-03	I	2.0E-04	X	V		1		Trichloroethane, 1,1,2-	79-00-5	1.1E+00	c**	5.3E+00	c**	1.5E-01	c**	7.7E-01	c**	2.4E-01	c**	5.0E+00	7.8E-05	1.6E-03
5.9E-03	C	2.0E-06	C			1.0E-02	Y	V		1		Trichloroethylene	79-01-6	2.8E+00	c**	1.4E+01	c**	1.2E+00	c**	6.1E						

Regional Screening Level (RSL) Summary Table June 2011

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; Y = New York; O = EPA Office of Water; E = Environmental Criteria and Assessment Office; S = see user guide Section 5; L = see user guide on lead; M = mutagen; V = volatile; F = See FAQ; c = cancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; n = noncancer; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide); SSL values are based on DAF=1																											
Toxicity and Chemical-specific Information													Contaminant		Screening Levels											Protection of Ground Water SSLs	
SFO (mg/kg-day) ⁻¹	key	IUR (ug/m ³) ⁻¹	key	RfD _a (mg/kg-day)	key	RfC _i (mg/m ³)	key	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)	
3.0E+01	I			5.0E-03 4.0E-03	I I	3.0E-04	V V			1	1.3E+03 1.4E+03	Trichloropropane, 1,1,2- Trichloropropane, 1,2,3-	598-77-6 96-18-4	3.9E+02 5.0E-03	n c	5.1E+03 9.5E-02	ns c	3.1E-01	n	1.3E+00	n	1.8E+02 7.2E-04	n c		7.1E-02 3.1E-07		
				3.0E-03 3.0E-03	X I	3.0E-04	P I	V		1 0.1	4.5E+02 2.8E+04	Trichloropropene, 1,2,3- Tridiphane Triethylamine	96-19-5 58138-08-2 121-44-8	7.8E-01 1.8E+02 1.2E+02	n n n	3.3E+00 1.8E+03 5.2E+02	n n n	3.1E-01	n	1.3E+00	n	6.2E-01 1.1E+02 1.5E+01	n n n		3.1E-04 7.8E-01 4.4E-03		
7.7E-03 2.0E-02	I P			7.5E-03 1.0E-02	I P					1 0.1		Trifluralin Trimethyl Phosphate Trimethylbenzene, 1,2,3-	1582-09-8 512-56-1 526-73-8	6.3E+01 2.4E+01 7.1E+06	c** c* nm	2.2E+02 8.6E+01 3.0E+07	c* c* nm					8.7E+00 3.4E+00 1.0E+01	c* c n		2.9E-01 7.4E-04		
				5.0E-03	P V					1	2.2E+02 1.8E+02	Trimethylbenzene, 1,2,4- Trimethylbenzene, 1,3,5- Trinitrobenzene, 1,3,5-	95-63-6 108-67-8 99-35-4	6.2E+01 7.8E+02 2.2E+03	n ns n	2.6E+02 1.0E+04 2.7E+04	ns ns n	7.3E+00	n	3.1E+01	n	1.5E+01 3.7E+02 1.1E+03	n n n		2.1E-02 5.2E-01 3.9E+00		
3.0E-02	I			5.0E-04	I					1	0.032	Trinitrotoluene, 2,4,6-	118-96-7	1.9E+01	c**	7.9E+01	c**					2.2E+00	c**		1.3E-02		
2.0E-02	P			2.0E-02 7.0E-03	P P					1 0.1		Triphenylphosphine Oxide Tris(2-chloroethyl)phosphate	791-28-6 115-96-8	1.2E+03 2.4E+01	n c*	1.2E+04 8.6E+01	n c*					7.3E+02 3.4E+00	n c*		3.0E+00 3.3E-03		
3.2E-03 1.0E+00	P C	2.9E-04 C		1.0E-01 3.0E-03	P I	3.0E-04	A			1 1	0.1	Tris(2-ethylhexyl)phosphate Uranium (Soluble Salts) Urethane	78-42-2 NA 51-79-6	1.5E+02 2.3E+02 1.2E-01	c* n c	5.4E+02 3.1E+03 1.7E+00	c n c	3.1E-01	n	1.3E+00	n	2.1E+01 1.1E+02 2.2E-02	c n c	3.0E+01	1.0E+02 4.9E+01 4.8E-06	1.4E+01	
		8.3E-03	P	9.0E-03 2.0E-02 5.0E-03	I H S	7.0E-06	P			0.026 0.026 1		Vanadium Pentoxide Vanadium Sulfate Vanadium and Compounds	1314-62-1 36907-42-3 NA	4.0E+02 1.6E+03 3.9E+02	c** n n	2.0E+03 2.0E+04 5.2E+03	c** n n	2.9E-04	c*	1.5E-03	c*	3.3E+02 7.3E+02 1.8E+02	n n n		1.8E+02		
				1.0E-03 2.5E-02 1.0E+00	I I H	2.0E-01	I V			1 1 1	0.1 0.1	2.8E+03	Vernolate Vinclozolin Vinyl Acetate	1929-77-7 50471-44-8 108-05-4	6.1E+01 1.5E+03 9.7E+02	n n n	6.2E+02 1.5E+04 4.1E+03	n n ns	2.1E+02	n	8.8E+02	n	3.7E+01 9.1E+02 4.1E+02	n n n		2.9E-02 7.0E-01 8.8E-02	
7.2E-01	I	3.2E-05 4.4E-06	H I	3.0E-03 3.0E-04	I I	3.0E-03	I V	V	M	1 1	0.0E+00 3.9E+03	Vinyl Bromide Vinyl Chloride Warfarin	593-60-2 75-01-4 81-81-2	1.1E-01 6.0E-02 1.8E+01	c*s c n	5.6E-01 1.7E+00 1.8E+02	c*s c n	7.6E-02 1.6E-01	c*	3.8E-01	c*	1.5E-01 1.6E-02 1.1E+01	c* c n	2.0E+00	4.4E-05 5.6E-06 1.2E-02	6.9E-04	
				2.0E-01 2.0E-01 2.0E-01	S S S	1.0E-01	S V V			1 1 1	3.9E+02 3.9E+02 4.3E+02	Xylene, p- Xylene, m- Xylene, o-	106-42-3 108-38-3 95-47-6	6.0E+02 5.9E+02 6.9E+02	ns ns ns	2.6E+03 2.5E+03 3.0E+03	ns ns ns	1.0E+02	n	4.4E+02	n	2.0E+02 2.0E+02 2.0E+02	n n n		2.0E-01 2.0E-01 2.0E-01		
				2.0E-01 3.0E-04 3.0E-01	I I I	1.0E-01	I V			1 1 1	2.6E+02	Xylenes Zinc Phosphide Zinc and Compounds	1330-20-7 1314-84-7 7440-66-6	6.3E+02 2.3E+01 2.3E+04	ns n n	2.7E+03 3.1E+02 3.1E+05	ns n nm	1.0E+02	n	4.4E+02	n	2.0E+02 1.1E+01 1.1E+04	n n n	1.0E+04	2.0E-01 6.8E+02	9.8E+00	
				5.0E-02	I					1	0.1	Zineb	12122-67-7	3.1E+03	n	3.1E+04	n					1.8E+03	n		5.3E+00		