

Regional Screening Level (RSL) Summary Table November 2012

Key: I = IRIS; P = PPRTR; A = ATSDR; C = Cal EPA; X = PPRTR Appendix; H = HEAST; J = New Jersey; 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 _o (mg/kg-day)	key	RfC _i (mg/m ³)	key	vo	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	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
1.8E-02	C	5.1E-06	C	1.5E-01	I						1	0.1	ALAR	1596-84-5	2.7E+01	c	9.6E+01	c	4.8E-01	c	2.4E+00	c	3.7E+00	c		8.2E-04	
8.7E-03	I	2.2E-06	I	4.0E-03	I	9.0E-03	I	V			1	0.1	Acephate	30560-19-1	5.6E+01	c**	2.0E+02	c*					7.7E+00	c**		1.7E-03	
												1.1E+05	Acetaldehyde	75-07-0	1.0E+01	c**	5.2E+01	c**	1.1E+00	c**	5.6E+00	c**	2.2E+00	c**		4.5E-04	
				2.0E-02	I						1	0.1	Acetochlor	34256-82-1	1.2E+03	n	1.2E+04	n					2.7E+02	n		2.2E-01	
				9.0E-01	I	3.1E+01	A	V			1	1.1E+05	Acetone	67-64-1	6.1E+04	n	6.3E+05	nms	3.2E+04	n	1.4E+05	n	1.2E+04	n		2.4E+00	
				2.0E-03	X	V					1	1.1E+05	Acetone Cyanohydrin	75-86-5	5.3E+01	n	2.2E+02	n	2.1E+00	n	8.8E+00	n	4.2E+00	n		8.4E-04	
				6.0E-02	I	V					1	1.3E+05	Acetonitrile	75-05-8	8.7E+02	n	3.7E+03	n	6.3E+01	n	2.6E+02	n	1.3E+02	n		2.6E-02	
3.8E+00	C	1.3E-03	C	1.0E-01	I			V			1	2.5E+03	Acetophenone	98-86-2	7.8E+03	ns	1.0E+05	nms					1.5E+03	n		4.5E-01	
											1	0.1	Acetylaminofluorene, 2-	53-96-3	1.3E-01	c	4.5E-01	c	1.9E-03	c	9.4E-03	c	1.3E-02	c		6.2E-05	
				5.0E-04	I	2.0E-05	I	V			1	2.3E+04	Acrolein	107-02-8	1.5E-01	n	6.5E-01	n	2.1E-02	n	8.8E-02	n	4.1E-02	n		8.4E-06	
5.0E-01	I	1.0E-04	I	2.0E-03	I	6.0E-03	I	M			1	0.1	Acrylamide	79-06-1	2.3E-01	c	3.4E+00	c	9.6E-03	c	1.2E-01	c	4.3E-02	c		9.1E-06	
				5.0E-01	I	1.0E-03	I				1	0.1	Acrylic Acid	79-10-7	3.0E+04	n	2.9E+05	nm	1.0E+00	n	4.4E+00	n	7.7E+03	n		1.6E+00	
5.4E-01	I	6.8E-05	I	4.0E-02	A	2.0E-03	I	V			1	1.1E+04	Acrylonitrile	107-13-1	2.4E-01	c*	1.2E+00	c*	3.6E-02	c*	1.8E-01	c*	4.5E-02	c*		9.8E-06	
5.6E-02	C			1.0E-02	I	6.0E-03	P				1	0.1	Adiponitrile	111-69-3	8.5E+06	nm	3.6E+07	nm	6.3E+00	n	2.6E+01	n			2.0E+00	7.5E-04	1.6E-03
				1.0E-03	I						1	0.1	Alachlor	15972-60-8	8.7E+00	c*	3.1E+01	c					9.1E-01	c			
				1.0E-03	I						1	0.1	Aldicarb	116-06-3	6.1E+01	n	6.2E+02	n					1.5E+01	n	3.0E+00(F)	3.8E-03	7.5E-04
				1.0E-03	I						1	0.1	Aldicarb Sulfone	1646-88-4	6.1E+01	n	6.2E+02	n					1.6E+01	n	2.0E+00(F)	3.4E-03	4.4E-04
											1	0.1	Aldicarb sulfoxide	1646-87-3	6.1E+01	n	6.2E+02	n					1.6E+01	n	4.0E+00(F)	8.8E-04	
1.7E+01	I	4.9E-03	I	3.0E-05	I						1	0.1	Aldrin	309-00-2	2.9E-02	c*	1.0E-01	c	5.0E-04	c	2.5E-03	c	4.0E-03	c		6.5E-04	
				2.5E-01	I						1	0.1	Allyl	74223-64-6	1.5E+04	n	1.5E+05	nm					3.8E+03	n		1.5E+00	
				5.0E-03	I	1.0E-04	X				1	0.1	Allyl Alcohol	107-18-6	3.0E+02	n	3.1E+03	n	1.0E-01	n	4.4E-01	n	7.8E+01	n		1.6E-02	
2.1E-02	C	6.0E-06	C	1.0E+00	P	5.0E-03	P				1	1.4E+03	Allyl Chloride	107-05-1	6.8E-01	c**	3.4E+00	c**	4.1E-01	c**	2.0E+00	c**	6.3E-01	c**		2.0E-04	
				4.0E-04	I						1		Aluminum	7429-90-5	7.7E+04	n	9.9E+05	nm	5.2E+00	n	2.2E+01	n	1.6E+04	n		2.3E+04	
				3.0E-04	I						1	0.1	Aluminum Phosphide	20859-73-8	3.1E+01	n	4.1E+02	n					6.2E+00	n			
				9.0E-03	I						1	0.1	Amdro	67485-29-4	1.8E+01	n	1.8E+02	n					4.6E+00	n		1.7E+03	
2.1E+01	C	6.0E-03	C	1.0E-03	I						1	0.1	Ametryn	834-12-8	5.5E+02	n	5.5E+03	c					1.2E+02	n		1.2E-01	
				2.5E-03	I						1	0.1	Aminobiphenyl, 4-	92-67-1	2.3E-02	c	8.2E-02	c	4.1E-04	c	2.0E-03	c	2.6E-03	c		1.3E-05	
				8.0E-02	P						1	0.1	Aminophenol, m-	591-27-5	4.9E+03	n	4.9E+04	n					1.2E+03	n		4.7E-01	
				2.0E-02	P						1	0.1	Aminophenol, p-	123-30-8	1.2E+03	n	1.2E+04	n					3.1E+02	n		1.2E-01	
				2.5E-03	I						1	0.1	Amitraz	33089-61-1	1.5E+02	n	1.5E+03	n					5.9E+00	n		3.0E+00	
				1.0E-01	I						1		Ammonia	7664-41-7					1.0E+02	n	4.4E+02	n					
5.7E-03	I	1.6E-06	C	2.0E-01	I	1.0E-03	I				1	0.1	Ammonium Sulfamate	7773-06-0	1.6E+04	n	2.0E+05	nm					3.1E+03	n			
				7.0E-03	P						1	0.1	Aniline	62-53-3	8.5E+01	c**	3.0E+02	c*	1.0E+00	n	4.4E+00	n	1.2E+01	c**		3.9E-03	
4.0E-02	P			2.0E-03	X						1	0.1	Anthraquinone, 9,10-	84-65-1	1.2E+01	c*	4.3E+01	c*					1.2E+00	c*		1.2E-02	
				4.0E-04	I						0.15		Antimony (metallic)	7440-36-0	3.1E+01	n	4.1E+02	n					6.0E+00	n	6.0E+00	2.7E-01	2.7E-01
				5.0E-04	H						0.15		Antimony Trioxide	1314-60-9	3.9E+01	n	5.1E+02	n					7.5E+00	n			
				9.0E-04	H						0.15		Antimony Potassium Tartrate	11071-15-1	7.0E+01	n	9.2E+02	n					1.3E+01	n			
				4.0E-04	H						0.15		Antimony Tetroxide	1332-81-6	3.1E+01	n	4.1E+02	n					6.0E+00	n			
				2.0E-04	I						0.15		Antimony Trioxide	1309-64-4	2.8E+05	nm	1.2E+06	nm	2.1E-01	n	8.8E-01	n					
2.5E-02	I	7.1E-06	I	1.3E-02	I						1	0.1	Apollo	74115-24-5	7.9E+02	n	8.0E+03	n					1.8E+02	n		1.1E+01	
1.5E+00	I	4.3E-03	I	5.0E-02	H						1	0.1	Aramite	140-57-8	1.9E+01	c	6.9E+01	c	3.4E-01	c	1.7E+00	c	1.1E+00	c		1.3E-02	
				3.0E-04	I	1.5E-05	C				1	0.03	Arsenic, Inorganic	7440-38-2	3.9E-01	c*	1.6E+00	c	5.7E-04	c*	2.9E-03	c*	4.5E-02	c	1.0E+01	1.3E-03	2.9E-01
				3.5E-06	C	5.0E-05	I				1		Arsine	7784-42-1	2.7E-01	n	3.6E+00	n	5.2E-02	n	2.2E-01	n	5.4E-02	n		1.4E+00	
				9.0E-03	I						1	0.1	Assure	76578-14-8	5.5E+02	n	5.5E+03	n					9.3E+01	n		2.0E-01	
				5.0E-02	I						1	0.1	Asulam	3337-71-1	3.1E+03	n	3.1E+04	n					7.8E+02	n			
2.3E-01	C			3.5E-02	I						1	0.1	Atrazine	1912-24-9	2.1E+00	c	7.5E+00	c					2.6E-01	c	3.0E+00	1.7E-04	1.9E-03
8.8E-01	C	2.5E-04	C	4.0E-04	I						1	0.1	Auramine	492-80-8	5.5E-01	c	2.0E+00	c	9.7E-03	c	4.9E-02	c	5.7E-02	c		5.2E-04	
											1	0.1	Avermectin B1	65195-55-3	2.4E+01	n	2.5E+02	n					6.3E+00	n		1.1E+01	
1.1E-01	I	3.1E-05	I	2.0E-01	I	5.0E-04	H				0.07		Azobenzene	103-33-3	5.1E+00	c	2.3E+01	c	7.8E-02	c	4.0E-01	c	1.0E-01	c		8.0E-04	
				4.0E-03	I						1	0.1	Barium	7440-39-3	1.5E+04	n	1.9E+05	nm	5.2E-01	n	2.2E+00	n	2.9E+03	n	2.0E+03	1.2E+02	8.2E+01
											1	0.1	Baygon	114-26-1	2.4E+02	n	2.5E+03	n					6.1E+01	n		2.0E-02	
				3.0E-02	I						1																

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Toxicity and Chemical-specific Information										Contaminant										Screening Levels										Protection of Ground Water SSLs	
SFO (mg/kg-day) ¹	ky	IUR (ug/m ³) ¹	ky	RfD _a (mg/kg-day)	ky	RfC _i (mg/m ³)	ky	vo	muta-	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)				
2.4E-03	I	2.0E-03	I	2.0E-05	I	2.0E-05	I			0.007			Beryllium and compounds	7440-41-7	1.6E+02	n	2.0E+03	n	1.0E-03	c*	5.1E-03	c*	1.6E+01	n	4.0E+00	1.3E+01	3.2E+00				
		1.0E-04	I							1	0.1		Bidrin	141-66-2	6.1E+00	n	6.2E+01	n					1.6E+00	n		3.6E-04					
		9.0E-03	P							1	0.1		Bifenox	42576-02-3	5.5E+02	n	5.5E+03	n					5.7E+01	n		7.5E-01					
		1.5E-02	I							1	0.1		Biphenthrin	82657-04-3	9.2E+02	n	9.2E+03	n					2.3E+02	n		1.1E+03					
8.0E-03	X	5.0E-02	I	4.0E-04	X	V				1			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	3.1E-01	c		1.1E-04					
		3.0E-03	P							1	0.1		Bis(2-chloroethoxy)methane	111-91-1	1.8E+02	n	1.8E+03	n					4.6E+01	n		1.1E-02					
1.1E+00	I	3.3E-04	I							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							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	nm					5.8E+02	n		4.4E+01					
		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	3.1E+03	n		9.9E+00					
		2.0E+00	P	2.0E-02	P	M				1			Boron Trichloride	10294-34-5	1.6E+05	nm	2.0E+06	nm	2.1E+01	n	8.8E+01	n	3.1E+04	n							
7.0E-01	I	4.0E-03	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	6.2E+02	n		7.4E-04	7.7E-02				
2.0E+00	X	6.0E-04	X							1		2.4E+03	Bromate	15541-45-4	9.1E-01	c	4.1E+00	c	4.1E-03	c	2.0E-02	c	6.4E-03	c	1.0E+01	1.8E-06					
		8.0E-03	I	6.0E-02	I	V				1			Bromo-2-chloroethane, 1-	107-04-0	2.4E-02	c	1.2E-01	c	4.1E-03	c	2.0E-02	c	6.4E-03	c		3.6E-02					
		4.0E-02	X	V						1		4.0E+03	Bromobenzene	108-96-1	3.0E+02	n	1.8E+03	ns	6.3E+01	n	2.6E+02	n	5.4E+01	n		2.1E-02					
6.2E-02	I	3.7E-05	C	2.0E-02	I	V				1		9.3E+02	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					
		7.9E-03	I	1.1E-06	I	2.0E-02	I			1	0.1		Bromodichloromethane	75-27-4	2.7E-01	c	1.4E+00	c	6.6E-02	c	3.9E-01	c	1.2E-01	c	8.0E+01(F)	3.2E-05	2.2E-02				
		1.4E-03	I	5.0E-03	I	V				1		3.6E+03	Bromoform	75-25-2	6.2E+01	c*	2.2E+02	c*	2.2E+00	c	1.1E+01	c	7.9E+00	c*	8.0E+01(F)	2.1E-03	2.1E-02				
		5.0E-03	H							1	0.1		Bromomethane	74-83-9	7.3E+00	n	3.2E+01	n	5.2E+00	n	2.2E+01	n	7.0E+00	n		1.8E-03					
		2.0E-02	I							1	0.1		Bromophos	2104-96-3	3.1E+02	n	3.1E+03	n					2.6E+01	n		1.1E-01					
3.4E+00	C	3.0E-05	I	2.0E-02	I	V				1	0.1	6.7E+02	Bromoxynil	1689-84-5	1.2E+03	n	1.2E+04	n					2.5E+02	n		2.2E-01					
		2.0E-02	I							1	0.1		Bromoxynil Octanoate	1689-99-2	1.2E+03	n	1.2E+04	n					1.0E+02	n		8.7E-01					
		2.0E-02	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*	1.6E-02	c		8.6E-06					
1.9E-03	P	1.0E-01	I							1	0.1		Butanol, n-	71-36-3	6.1E+03	n	6.2E+04	n					1.5E+03	n		3.2E-01					
		2.0E-01	I							1	0.1		Butyl Benzyl Phthlate	85-68-7	2.6E+02	c*	9.1E+02	c					1.4E+01	c*		2.0E-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	3.1E+04	n		6.3E+00					
2.0E-04	C	5.7E-08	C	5.0E-02	P					1	0.1	1.1E+02	Butylate	2008-41-5	3.1E+03	n	3.1E+04	n					3.4E+02	n		3.3E-01					
		1.0E+00	I							1	0.1		Butylated hydroxyanisole	25013-16-5	2.4E+03	c	8.6E+03	c	4.3E+01	c	2.2E+02	c	2.1E+02	c		3.9E-01					
		1.8E-03	I	1.0E-03	I	2.0E-05	C			0.025	0.001		Butylbenzene, n-	104-51-8	3.9E+03	ns	5.1E+04	ns					7.8E+02	n		2.5E+00					
		1.0E+00	I							1	0.1		Butylphthalyl Butylglycolate	85-70-1	6.1E+04	n	6.2E+05	nm					1.0E+04	n		2.3E+02					
		2.0E-02	A							1	0.1		Cacodylic Acid	75-60-5	1.2E+03	n	1.2E+04	n					3.1E+02	n							
		1.8E-03	I	5.0E-04	I	2.0E-05	C			0.05	0.001		Cadmium (Water)	7440-43-9	7.0E+01	n	8.0E+02	n	1.4E-03	c*	6.8E-03	c*	6.9E+00	n	5.0E+00	5.2E-01	3.8E-01				
1.5E-01	C	4.3E-05	C	5.0E-01	I					1	0.1		Caprolactam	105-60-2	3.1E+04	n	3.1E+05	nm					7.7E+03	n		1.9E+00					
		2.3E-03	C	6.6E-07	C	1.3E-01	I			1	0.1		Captafol	2425-06-1	3.2E+00	c*	1.1E+01	c	5.7E-02	c	2.9E-01	c	3.5E-01	c*		6.1E-04					
		1.0E-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	2.7E+01	c*		1.9E-02					
		1.0E-01	I							1	0.1		Carbaryl	63-25-2	6.1E+03	n	6.2E+04	n					1.4E+03	n		1.3E+00					
		5.0E-03	I							1	0.1		Carbofuran	1563-66-2	3.1E+02	n	3.1E+03	n					7.3E+01	n	4.0E+01	2.8E-02	1.6E-02				
7.0E-02	I	6.0E-06	I	4.0E-03	I	1.0E-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	7.2E+02	n		2.1E-01					
		1.0E-02	I							1	0.1	4.6E+02	Carbon Tetrachloride	56-23-5	6.1E-01	c	3.0E+00	c	4.1E-01	c	2.0E+00	c	3.9E-01	c	5.0E+00	1.5E-04	1.9E-03				
		1.0E-01	I							1	0.1		Carbosulfan	55285-14-8	6.1E+02	n	6.2E+03	n					3.7E+01	n		9.0E-01					
		1.0E-01	I							1	0.1		Carboxin	5234-68-4	6.1E+03	n	6.2E+04	n					1.5E+03	n		8.0E-01					
		1.0E-01	I	9.0E-04	I					1	0.1		Ceric oxide	1306-38-3	1.3E+06	nm	5.4E+06	nm	9.4E-01	n	3.9E+00	n									
		1.5E-02	I							1	0.1		Chloral Hydrate	302-17-0	6.1E+03	n	6.2E+04	n					1.5E+03	n		3.1E-01					
4.0E-01	H	1.0E-04	I	5.0E-04	I	7.0E-04	I			1	0.1		Chloramben	133-90-4	9.2E+02	n	9.2E+03	n					2.2E+02	n		5.5E-02					
3.5E-01	I	4.6E-03	C	3.0E-04	I					1	0.1		Chloranil	118-75-2	1.2E+00	c	4.3E+00	c					1.6E-01	c		1.3E-04					
		2.0E-02	I							1	0.1		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	3.0E-03	c		1.1E-04					
		7.0E-04	A							1	0.1		Chlorfenvinphos	470-90-6	4.3E+01	n	4.3E+02	n			</										

Regional Screening Level (RSL) Summary Table November 2012

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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)	key	Vol	mutagen	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	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)	
				3.0E-02	X							0.1	Chlorobenzoic Acid, p-	74-11-3	1.8E+03	n	1.8E+04	n									9.9E-02	
				3.0E-03	P	3.0E-01	P	V				1.2E+02	Chlorobenzotrifluoride, 4-	98-56-6	2.1E+02	ns	2.3E+03	ns	3.1E+02	n	1.3E+03	n	2.6E+01	n		9.3E-02		
				4.0E-02	P			V				7.3E+02	Chlorobutane, 1-	109-69-3	3.1E+03	ns	4.1E+04	ns								4.8E+02	2.0E-01	
						5.0E+01	I	V				1.7E+03	Chlorodifluoromethane	75-45-6	5.3E+04	ns	2.2E+05	nms	5.2E+04	n	2.2E+05	n	1.0E+05	n		4.3E+01		
				2.0E-02	P				M			0.1	Chloroethanol, 2-	107-07-3	1.2E+03	n	1.2E+04	n								3.1E+02	6.3E-02	
3.1E-02	C	2.3E-05	I	1.0E-02	I	9.8E-02	A	V				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	
2.4E+00	C	6.9E-04	C			9.0E-02	I	V				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		
				8.0E-02	I			V				1	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		
3.0E-01	P			3.0E-03	P	1.0E-05	X					0.1	Chloronaphthalene, Beta-	91-58-7	6.3E+03	n	8.2E+04	n								2.9E+00		
6.3E-03	P			1.0E-03	P	6.0E-04	P					0.1	Chloronitrobenzene, o-	88-73-3	1.6E+00	c	5.7E+00	c	1.0E-02	n	4.4E-02	n	2.0E-01	c		1.9E-04		
												0.1	Chloronitrobenzene, p-	100-00-5	6.1E+01	n	2.7E+02	c**	6.3E-01	n	2.6E+00	n	9.4E+00	c**		8.7E-03		
				5.0E-03	I			V				2.2E+04	Chlorophenol, 2-	95-57-8	3.9E+02	n	5.1E+03	n								7.1E+01	5.7E-02	
3.1E-03	C	8.9E-07	C	1.5E-02	I	4.0E-04	C	V				0.1	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		
												0.1	Chlorothalonil	1897-45-6	1.6E+02	c**	5.6E+02	c*	2.7E+00	c	1.4E+01	c	1.9E+01	c*		4.3E-02		
2.4E+02	C	6.9E-02	C	2.0E-02	I			V				9.1E+02	Chlorotoluene, o-	95-49-8	1.6E+03	ns	2.0E+04	ns								1.8E+02	1.7E-01	
				2.0E-02	X			V				2.5E+02	Chlorotoluene, p-	106-43-4	1.6E+03	ns	2.0E+04	ns								1.9E+02	1.8E-01	
												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							0.1	Chlorpropham	101-21-3	1.2E+04	n	1.2E+05	nm								2.2E+03	1.9E+00	
				1.0E-03	A							0.1	Chlorpyrifos	2921-88-2	6.1E+01	n	6.2E+02	n								6.2E+00	9.2E-02	
				1.0E-02	H							0.1	Chlorpyrifos Methyl	5598-13-0	6.1E+02	n	6.2E+03	n								8.9E+01	4.1E-01	
				5.0E-02	I							0.1	Chlorsulfuron	64902-72-3	3.1E+03	n	3.1E+04	n								7.7E+02	6.5E-01	
				8.0E-04	H							0.1	Chlorthiophos	60238-56-4	4.9E+01	n	4.9E+02	n								2.0E+00	5.2E-02	
				1.5E+00	I							0.013	Chromium(III), Insoluble Salts	16065-83-1	1.2E+05	nm	1.5E+06	nm								1.6E+04	2.8E+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	3.1E-02	c	1.0E+02	5.9E-04	1.8E+05	
				9.0E-03	P	3.0E-04	P					0.013	Chromium, Total	7440-47-3	2.3E+01	n	3.0E+02	n	2.7E-04	c*	1.4E-03	c*	4.7E+00	n		2.1E-01		
				6.2E-04	I				M			0.1	Cobalt	7440-48-4	2.3E+01	n	3.0E+02	n	1.5E-03	c	2.0E-02	c				4.7E+00	1.8E+05	
				4.0E-02	H							1	Coke Oven Emissions	8007-45-2					1.5E-03	c	2.0E-02	c				6.2E+02	1.3E+03	
				5.0E-02	I	6.0E-01	C					0.1	Copper	7440-50-8	3.1E+03	n	4.1E+04	n								6.2E+02	2.2E+01	
				1.0E-01	A	6.0E-01	C					0.1	Cresol, m-	108-39-4	3.1E+03	n	3.1E+04	n	6.3E+02	n	2.6E+03	n	7.2E+02	n		5.7E-01	4.6E+01	
				5.0E-02	I	6.0E-01	C					0.1	Cresol, o-	95-48-7	3.1E+03	n	3.1E+04	n	6.3E+02	n	2.6E+03	n	7.2E+02	n		5.8E-01		
				1.0E-01	A	6.0E-01	C					0.1	Cresol, p-	106-44-5	6.1E+03	n	6.2E+04	n	6.3E+02	n	2.6E+03	n	1.4E+03	n		1.1E+00		
				1.0E-01	A							0.1	Cresol, p-chloro-m-	59-50-7	6.1E+03	n	6.2E+04	n	6.2E+02	n	2.6E+03	n	1.1E+03	n		1.3E+00		
1.9E+00	H			1.0E-01	A	6.0E-01	C					0.1	Cresols	1319-77-3	6.1E+03	n	6.2E+04	n	6.3E+02	n	2.6E+03	n	1.4E+03	n		1.2E+00		
				1.0E-03	P			V				1.7E+04	Crptonaldehyde, trans-	123-73-9	3.4E-01	c	1.5E+00	c								3.5E-02	7.1E-06	
				1.0E-01	I	4.0E-01	I	V				2.7E+02	Cumene	98-82-8	2.1E+03	ns	1.1E+04	ns	4.2E+02	n	1.8E+03	n	3.9E+02	n		6.4E-01		
2.2E-01	C	6.3E-05	C									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							0.1	Cyanazine	21725-46-2	5.8E-01	c	2.1E+00	c								7.6E-02	3.5E-05	
												0.1	Cyanides															
				1.0E-03	I							1	~Calcium Cyanide	592-01-8	7.8E+01	n	1.0E+03	n								1.6E+01	n	
				5.0E-03	I							1	~Copper Cyanide	544-92-3	3.9E+02	n	5.1E+03	n								7.8E+01	n	
				6.0E-04	I	8.0E-04	S	V				1.0E+07	~Cyanide (CN-)	57-12-5	2.2E+01	n	1.4E+02	n	8.3E-01	n	3.5E+00	n	1.4E+00	n	2.0E+02	1.4E-02	2.0E+00	
				1.0E-03	I			V				1	~Cyanogen	460-19-5	7.8E+01	n	1.0E+03	n								1.6E+01	n	
				9.0E-02	I			V				1	~Cyanogen Bromide	506-68-3	7.0E+03	n	9.2E+04	n								1.4E+03	n	
				5.0E-02	I			V				1	~Cyanogen Chloride	506-77-4	3.9E+03	n	5.1E+04	n								7.8E+02	n	
				6.0E-04	I	8.0E-04	I	V				1.0E+07	~Hydrogen Cyanide	74-90-8	2.3E+01	n	1.5E+02	n	8.3E-01	n	3.5E+00	n	1.4E+00	n		1.4E-02		
				2.0E-03	I							0.04	~Potassium Cyanide	151-50-8	1.6E+02	n	2.0E+03	n								3.1E+01	n	
				5.0E-03	I							0.04	~Potassium Silver Cyanide	506-61-6	3.9E+02	n	5.1E+03	n								5.9E+01	n	
				1.0E-01	I							0.04	~Silver Cyanide	506-64-9	7.8E+03	n	1.0E+05	nm								1.3E+03	n	
				1.0E-03	I							1	~Sodium Cyanide	143-33-9	7.8E+01	n	1.0E+03	n								1.6E+01	n	
				2.0E-04	X							1	~Thiocyanate	463-56-9	1.6E+01	n	2.0E+02	n								3.1E+00	n	
				5.0E-02	I							1	~Zinc Cyanide	557-21-1	3.9E+03	n	5.1E+04	n								7.8E+02	n	
2.3E-02	H					6.0E+00	I	V				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	1.2E-02	
												0.1	Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	2.1E+01													

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Toxicity and Chemical-specific Information										Contaminant										Screening Levels								Protection of Ground Water SSLs	
SFO (mg/kg-day) ⁻¹	ky	IUR (ug/m ³) ⁻¹	ky	RfD _o	ky	RfC _i (mg/m ³)	ky	muta-	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)			
1.2E-03	I			4.0E-05	I					1	0.1	Demeton	8065-48-3	2.4E+00	n	2.5E+01	n												
6.1E-02	H			6.0E-01	I					1	0.1	O(2-ethylhexyl)adipate	103-23-1	4.1E+02	c*	1.4E+03	c								4.0E+02	4.0E+00	2.9E+01		
										1	0.1	Diallate	2303-16-4	8.0E+00	c	2.8E+01	c												
8.0E-01	P	6.0E-03	P	7.0E-04	A	2.0E-04	I	V	M	1	0.1	Diazinon	333-41-5	4.3E+01	n	4.3E+02	n								2.0E-01	4.9E-02	8.6E-05		
				2.0E-04	P	2.0E-04	I	V	M	1	0.1	Dibromo-3-chloropropane, 1,2-Dibromobenzene, 1,4-	96-12-8	5.4E-03	c	6.9E-02	c	1.6E-04	c	2.0E-03	c				2.0E-01	1.4E-07	8.6E-05		
8.4E-02	I	2.7E-05	C	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-Dibromomethane (Methylene Bromide)	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		74-95-3	2.5E+01	n	1.1E+02	n	4.2E+00	n	1.8E+01	n	7.9E+00	n		1.9E-03				
				1.0E-01	I					1	0.1	Dibutyl Phthalate	84-74-2	6.1E+03	n	6.2E+04	n									1.7E+00			
				3.0E-04	P					1	0.1	Dibutyltin Compounds	NA	1.8E+01	n	1.8E+02	n									4.7E+00			
				3.0E-02	I					1	0.1	Dicamba	1918-00-9	1.8E+03	n	1.8E+04	n									4.4E+02			
				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*								6.0E+01	2.7E-04	1.2E-02		
				9.0E-02	I	2.0E-01	H	V		1	3.8E+02	Dichlorobenzene, 1,2-Dichlorobenzene, 1,4-	95-50-1	1.9E+03	ns	9.8E+03	ns	2.1E+02	n	8.8E+02	n	2.8E+00	n		6.0E+02	2.7E-01	5.8E-01		
5.4E-03	C	1.1E-05	C	7.0E-02	A	8.0E-01	I	V		1			106-46-7	2.4E+00	c	1.2E+01	c	2.2E-01	c	1.1E+00	c	4.2E-01	c	7.5E+01	4.0E-04	7.2E-02			
4.5E-01	I	3.4E-04	C							1	0.1	Dichlorobenzidine, 3,3'-Dichlorobenzophenone, 4,4'-Dichlorodifluoromethane	91-94-1	1.1E+00	c	3.8E+00	c	7.2E-03	c	3.6E-02	c	1.1E-01	c		7.1E-04				
				9.0E-03	X					1	0.1		90-98-2	5.5E+02	n	5.5E+03	n									3.5E-01			
				2.0E-01	I	1.0E-01	X	V		1	8.5E+02		75-71-8	9.4E+01	n	4.0E+02	n	1.0E+02	n	4.4E+02	n	1.9E+02	n		3.0E-01				
5.7E-03	C	1.6E-06	C	2.0E-01	P			V		1	1.7E+03	Dichloroethane, 1,1-Dichloroethane, 1,2-Dichloroethylene, 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		6.8E-04				
9.1E-02	I	2.6E-05	I	6.0E-03	X	7.0E-03	P	V		1	3.0E+03		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		75-35-4	2.4E+02	n	1.1E+03	n	2.1E+02	n	8.8E+02	n	2.6E+02	n	7.0E+00	9.3E-02	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									3.7E-02			
				2.0E-03	I			V		1	2.4E+03	Dichloroethylene, 1,2-cis-Dichloroethylene, 1,2-trans-	156-59-2	1.6E+02	n	2.0E+03	n								7.0E+01	8.2E-03	2.1E-02		
				2.0E-02	I	6.0E-02	P	V		1	1.7E+03		156-60-5	1.5E+02	n	6.9E+02	n	6.3E+01	n	2.6E+02	n	8.6E+01	n	1.0E+02	2.5E-02	2.9E-02			
				3.0E-03	I					1	0.1	Dichlorophenol, 2,4-Dichlorophenoxy Acetic Acid, 2,4-Dichlorophenoxybutyric Acid, 4-(2,4-	120-83-2	1.8E+02	n	1.8E+03	n									4.1E-02			
				1.0E-02	I					1	0.05		94-75-7	6.9E+02	n	7.7E+03	n								7.0E+01	3.5E-02	1.8E-02		
				8.0E-03	I					1	0.1		94-82-6	4.9E+02	n	4.9E+03	n									3.6E-02			
3.6E-02	C	1.0E-05	C	9.0E-02	A	4.0E-03	I	V		1	1.4E+03	Dichloropropane, 1,2-Dichloropropane, 1,3-Dichloropropanol, 2,3-	78-87-5	9.4E-01	c*	4.7E+00	c*	2.4E-01	c*	1.2E+00	c*	3.8E-01	c*	5.0E+00	1.3E-04	1.7E-03			
				2.0E-02	P			V		1	1.5E+03		142-28-9	1.6E+03	ns	2.0E+04	ns								9.9E-02				
				3.0E-03	I					1	0.1		616-23-9	1.8E+02	n	1.8E+03	n								9.8E-03				
1.0E-01	I	4.0E-06	I	3.0E-02	I	2.0E-02	I	V		1	1.6E+03	Dichloropropene, 1,3-Dichlorovos	542-75-6	1.7E+00	c*	8.3E+00	c*	6.1E-01	c*	3.1E+00	c*	4.1E-01	c*	1.5E-04	1.5E-04				
2.9E-01	I	8.3E-05	C	5.0E-04	I	5.0E-04	I	V		1	0.1		62-73-7	1.7E+00	c*	5.9E+00	c*	2.9E-02	c*	1.5E-01	c*	2.3E-01	c*	7.0E-05	7.0E-05				
				8.0E-03	P	7.0E-03	P	V		1		Dicyclopentadiene	77-73-6	3.1E+01	n	1.3E+02	n	7.3E+00	n	3.1E+01	n	1.2E+01	n		4.3E-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	1.5E-03	c		6.1E-05				
				3.0E-04	C					1	0.1	Diesel Engine Exhaust	NA					8.1E-03	c	4.1E-02	c								
				2.0E-03	P	2.0E-04	P			1	0.1	Diethanolamine	111-42-2	1.2E+02	n	1.2E+03	n	2.1E-01	n	8.8E-01	n	3.1E+01	n		6.3E-03				
				8.0E-01	I					1	0.1	Diethyl Phthalate	84-66-2	4.9E+04	n	4.9E+05	nm									4.7E+00			
				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	4.4E-01	n		1.0E+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	9.4E+02	n		1.9E-01				
3.5E+02	C	1.0E-01	C	1.0E-03	P					1	0.1	Diethylformamide	617-84-5	6.1E+01	n	6.2E+02	n									3.2E-03			
				8.0E-02	I					1	0.1	Diethylstilbestrol	56-53-1	1.4E-03	c	4.9E-03	c	2.4E-05	c	1.2E-04	c					2.4E-05			
				2.0E-02	I					1	0.1	Difenzoquat	43222-48-6	4.9E+03	n	4.9E+04	n									1.2E+03			
4.4E-02	C	1.3E-05	C			4.0E+01	I	V		1	1.4E+03	Difluoroethane, 1,1-Dihydrosafrole	35367-38-5	1.2E+03	n	1.2E+04	n									2.5E-01			
				7.0E-01	P	V				1	2.3E+03		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				
				8.0E-02	I			V		1	5.3E+02	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				
				2.0E-02	I					1	0.1	Diisopropyl Methylphosphonate	1445-75-6	6.3E+03	ns	8.2E+04	ns									3.5E-01			
				2.0E-04	I					1	0.1	Dimethipin	55290-64-7	1.2E+03	n	1.2E+04	n									6.9E-02			
1.4E-02	H									1	0.1	Dimethoate	60-51-5	1.2E+01	n	1.2E+02	n									3.1E+00			
1.7E-03	P			6.0E-02	P					1	0.1	Dimethoxybenzidine, 3,3'-Dimethyl methylphosphonate	119-90-4	3.5E+01</															

Regional Screening Level (RSL) Summary Table November 2012

Key: I = IRIS; P = PPRTR; A = ATSDR; C = Cal EPA; X = PPRTR Appendix; H = HEAST; J = New Jersey; 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	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-01	I	V				1			Dimethylterephthalate	120-61-6	7.8E+03	n	1.0E+05	nm					1.4E+03	n		3.8E-01	
4.5E-02	C	1.3E-05	C	8.0E-05	X					1	0.1	1.1E+03	Dimethylvinylchloride	513-37-1	2.0E-01	c	1.0E+00	c	1.9E-01	c	9.4E-01	c	2.8E-01	c		1.8E-04	
				2.0E-03	I					1	0.1		Dinitro-o-cresol, 4,6-	534-52-1	4.9E+00	n	4.9E+01	n					1.2E+00	n		2.0E-03	
										1	0.1		Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5	1.2E+02	n	1.2E+03	n					1.7E+01	n		5.7E-01	
				1.0E-04	P					1	0.1		Dinitrobenzene, 1,2-	528-29-0	6.1E+00	n	6.2E+01	n					1.5E+00	n		1.4E-03	
				1.0E-04	I					1	0.1		Dinitrobenzene, 1,3-	99-65-0	6.1E+00	n	6.2E+01	n					1.5E+00	n		1.4E-03	
				1.0E-04	P					1	0.1		Dinitrobenzene, 1,4-	100-25-4	6.1E+00	n	6.2E+01	n					1.5E+00	n		1.4E-03	
				2.0E-03	I					1	0.1		Dinitrophenol, 2,4-	51-28-5	1.2E+02	n	1.2E+03	n					3.0E+01	n		3.4E-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					9.2E-02	c		1.3E-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	2.0E-01	c		2.8E-04	
				1.0E-03	P					1	0.099		Dinitrotoluene, 2,6-	606-20-2	6.1E+01	n	6.2E+02	n					1.5E+01	n		2.0E-02	
				2.0E-03	S					1	0.006		Dinitrotoluene, 2-Amino-4,6-	35572-78-2	1.5E+02	n	2.0E+03	n					3.0E+01	n		2.3E-02	
				2.0E-03	S					1	0.009		Dinitrotoluene, 4-Amino-2,6-	19406-51-0	1.5E+02	n	1.9E+03	n					3.0E+01	n		2.3E-02	
1.0E-01	I	7.7E-06	C	3.0E-02	I	3.0E+00	C			1	0.1		Dinoseb	88-85-7	6.1E+01	n	6.2E+02	n					1.1E+01	n	7.0E+00	9.8E-02	6.2E-02
										1	0.1		Dioxane, 1,4-Dioxins	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		~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	7.0E-10	I	4.0E-08	C			1	0.03		~TCDD, 2,3,7,8-Diphenamid	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			957-51-7	1.8E+03	n	1.8E+04	n					4.1E+02	n		4.0E+00	
				8.0E-04	X					1	0.1		Diphenyl Sulfone	127-63-9	4.9E+01	n	4.9E+02	n					1.1E+01	n		2.8E-02	
				2.5E-02	I					1	0.1		Diphenylamine	122-39-4	1.5E+03	n	1.5E+04	n					2.4E+02	n		4.4E-01	
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	6.7E-02	c		2.2E-04	
				2.2E-03	I					1	0.1		Diquat	85-00-7	1.3E+02	n	1.4E+03	n					3.4E+01	n	2.0E+01	6.5E-01	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		7.1E-04	
				4.0E-05	I					1	0.1		Disulfoton	298-04-4	2.4E+00	n	2.5E+01	n					3.8E-01	n		3.8E-01	
				1.0E-02	I	V				1	0.1		Dithiane, 1,4-	505-29-3	6.1E+02	n	6.2E+03	n					1.5E+02	n		7.6E-02	
				2.0E-03	I					1	0.1		Diuron	330-54-1	1.2E+02	n	1.2E+03	n					2.8E+01	n		1.2E-02	
				4.0E-03	I					1	0.1		Dodine	2439-10-3	2.4E+02	n	2.5E+03	n					6.2E+01	n		3.2E-01	
				2.5E-02	I	V				1			EPTC	759-94-4	2.0E+03	n	2.6E+04	n					2.9E+02	n		1.5E-01	
				6.0E-03	I					1	0.1		Endosulfan	115-29-7	3.7E+02	n	3.7E+03	n					7.8E+01	n		1.1E+00	
				2.0E-02	I					1	0.1		Endothall	145-73-3	1.2E+03	n	1.2E+04	n					3.0E+02	n	1.0E+02	7.1E-02	
				3.0E-04	I					1	0.1		Endrin	72-20-8	1.8E+01	n	1.8E+02	n					1.7E+00	n	2.0E+00	6.8E-02	2.4E-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	2.0E+00	n		4.5E-04	
						2.0E-02	I	V		1		1.5E+04	Epoxybutane, 1,2-Ethephon	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			16672-87-0	3.1E+02	n	3.1E+03	n					7.8E+01	n		1.6E-02	
				5.0E-04	I					1	0.1		Ethion	563-12-2	3.1E+01	n	3.1E+02	n					3.2E+00	n		6.3E-03	
				1.0E-01	P	6.0E-02	P			1	0.1		Ethoxyethanol Acetate, 2-Ethoxyethanol, 2-	111-15-9	6.1E+03	n	6.2E+04	n	6.3E+01	n	2.6E+02	n	1.5E+03	n		3.2E-01	
				4.0E-01	H	2.0E-01	I			1	0.1			110-80-5	2.4E+04	n	2.5E+05	nm	2.1E+02	n	8.8E+02	n	6.2E+03	n		1.3E+00	
4.8E-02	H			9.0E-01	I	V				1		1.1E+04	Ethyl Acetate	141-78-6	7.0E+04	ns	9.2E+05	nms					1.4E+04	n		2.9E+00	
										1		2.5E+03	Ethyl Acrylate	140-88-5	1.3E+01	c	6.0E+01	ns	1.0E+04	n	4.4E+04	n	1.4E+00	c		3.0E-04	
						1.0E+01	I	V		1		2.1E+03	Ethyl Chloride	75-00-3	1.5E+04	ns	6.1E+04	ns					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					3.1E+03	n		6.8E-01	
				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	4.2E+02	n		9.9E-02	
				1.0E-05	I					1	0.1		Ethyl-p-nitrophenyl Phosphonate	2104-64-5	6.1E-01	n	6.2E+00	n					6.6E-02	n		2.1E-03	
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	1.3E+00	c	7.0E+02	1.5E-03	7.8E-01
				7.0E-02	P					1	0.1		Ethylene Cyanohydrin	109-78-4	4.3E+03	n	4.3E+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					1.4E+03	n		3.2E-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	3.1E+04	n		6.3E+00	
				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	1.5E+03	n		3.2E-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	1.2E+00	n		2.8E-04	
6.5E+01	C	1.9E-02	C							1	0.1	1.5E+05	Ethyleneimine	151-56-4	2.3E-03	c	1.0E-02	c	1.3E-04	c	6.5E-04	c	2.1E-04	c		4.5E-08	
				3.0E+00	I					1	0.1		Ethylphthalyl Ethyl Glycolate	84-72-0	1.8E+05	nm	1.8E+06	nm					4.5E+04	n		1.0E+02	
				8.0E-03	I					1	0.1		Express	101200-48-0	4.9E+02	n	4.9E+03	n					1.2E+02	n		4.7E-02	
				2.5E-04	I					1	0.1		Fenamiphos	22224-92-6	1.5E+01	n	1.5E+02	n					3.4E+00	n		3.3E-03	
				2.5E-02	I					1	0.1		Fenproprathrin	39515-41-8	1.5E+03	n	1.5E+04	n					4.6E+01	n		2.1E+00	
				1.3E-02	I					1	0.1		Fluometuron	2164-17-2	7.9E+02	n	8.0E+03	n					1.9E+02	n		1.4E-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						

Regional Screening Level (RSL) Summary Table November 2012

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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)	key	mutagen	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)	
3.5E-03 1.9E-01	I I			1.0E-01	I					1	0.1	Folpet	133-07-3	1.4E+02	c*	4.9E+02	c									4.1E-03	
				2.0E-03	I					1	0.1	Fomesafen	72178-02-0	2.6E+00	c	9.1E+00	c									1.1E-03	
		1.3E-05	I	2.0E-01	I	9.8E-03	A			1	0.1	Fonofos	944-22-9	1.2E+02	n	1.2E+03	n									3.5E-02	
				9.0E-01	P	3.0E-04	X			1	0.1	Formaldehyde	50-00-0	1.2E+04	n	1.2E+05	nm	1.9E-01	c*	9.4E-01	c*	3.1E+03	n		6.2E-01		
										1	0.1	Formic Acid	64-18-6	4.9E+04	n	4.2E+05	nm	3.1E-01	n	1.3E+00	n	1.4E+04	n		2.8E+00		
				3.0E+00	I					1	0.1	Fosetyl-AL	39148-24-8	1.8E+05	nm	1.8E+06	nm										
				1.0E-03	X		V			1		Furans ~Dibenzofuran	132-64-9	7.8E+01	n	1.0E+03	n									1.1E-01	
				1.0E-03	I		V			1	6.2E+03	~Furan	110-00-9	7.8E+01	n	1.0E+03	n									5.7E-03	
3.8E+00	H			9.0E-01	I	2.0E+00	I	V		1	0.1	~Tetrahydrofuran	109-99-9	1.8E+04	n	9.5E+04	n	2.1E+03	n	8.8E+03	n	1.5E+01	n		7.1E-01		
										1	0.1	Furazolidone	67-45-8	1.3E-01	c	4.5E-01	c									3.4E-05	
				3.0E-03	I	5.0E-02	H			1	0.1	Furfural	98-01-1	1.8E+02	n	1.8E+03	n	5.2E+01	n	2.2E+02	n	4.6E+01	n			9.9E-03	
1.5E+00	C	4.3E-04	C							1	0.1	Furium	531-82-8	3.2E-01	c	1.1E+00	c	5.7E-03	c	2.9E-02	c	4.4E-02	c			5.9E-05	
3.0E-02	I	8.6E-06	C							1	0.1	Furmecycloxy	60568-05-0	1.6E+01	c	5.7E+01	c	2.8E-01	c	1.4E+00	c	9.6E-01	c			1.0E-03	
				4.0E-04	I					1	0.1	Glufosinate, Ammonium	77182-82-2	2.4E+01	n	2.5E+02	n									1.4E-03	
				4.0E-04	I	8.0E-05	C			1	0.1	Glutaraldehyde	111-30-8	1.1E+05	nm	4.8E+05	nm	8.3E-02	n	3.5E-01	n	6.3E+00	n				
				4.0E-04	I	1.0E-03	H			1	0.1	Glycidyl	765-34-4	2.4E+01	n	2.5E+02	n	1.0E+00	n	4.4E+00	n	6.2E+00	n			1.3E-03	
				1.0E-01	I					1	0.1	Glyphosate	1071-83-6	6.1E+03	n	6.2E+04	n								7.0E+02	3.2E-01	1.4E-01
				3.0E-03	I					1	0.1	Goal	42874-03-3	1.8E+02	n	1.8E+03	n									1.9E+00	
				3.0E-03	A	1.0E-02	A			1	0.1	Guthion	86-50-0	1.8E+02	n	1.8E+03	n	1.0E+01	n	4.4E+01	n	4.3E+01	n			1.3E-02	
				5.0E-05	I					1	0.1	Haloxypol, Methyl	69806-40-2	3.1E+00	n	3.1E+01	n									6.4E-03	
				1.3E-02	I					1	0.1	Harmony	79277-27-3	7.9E+02	n	8.0E+03	n									6.1E-02	
4.5E+00	I	1.3E-03	I	5.0E-04	I					1	0.1	Heptachlor	76-44-8	1.1E-01	c	3.8E-01	c	1.9E-03	c	9.4E-03	c	1.8E-03	c	4.0E-01		1.4E-04	3.3E-02
				1.3E-05	I					1	0.1	Heptachlor Epoxide	1024-57-3	5.3E-02	c*	1.9E-01	c*	9.4E-04	c	4.7E-03	c	3.3E-03	c*			6.8E-05	4.1E-03
9.1E+00	I	2.6E-03	I	2.0E-03	I					1	0.1	Hexabromobenzene	87-82-1	1.2E+02	n	1.2E+03	n								2.0E-01	6.8E-05	
				2.0E-04	I					1	0.1	Hexabromodiphenyl ether, 2,2',4,4',5,5'-(BDE-153)	68631-49-2	1.2E+01	n	1.2E+02	n									1.8E-01	
1.6E+00	I	4.6E-04	I	8.0E-04	I					1	0.1	Hexachlorobenzene	118-74-1	3.0E-01	c	1.1E+00	c	5.3E-03	c	2.7E-02	c	4.2E-02	c	1.0E+00		5.3E-04	1.3E-02
7.8E-02	I	2.2E-05	I	1.0E-03	P					1	0.1	Hexachlorobutadiene	87-68-3	6.2E+00	c**	2.2E+01	c*	1.1E-01	c	5.6E-01	c	2.6E-01	c*			5.0E-04	
6.3E+00	I	1.8E-03	I	8.0E-03	A					1	0.1	Hexachlorocyclohexane, Alpha-	319-84-6	7.7E-02	c	2.7E-01	c	1.4E-03	c	6.8E-03	c	6.2E-03	c			6.3E-05	
1.8E+00	I	5.3E-04	I							1	0.1	Hexachlorocyclohexane, Beta-	319-85-7	2.7E-01	c	9.6E-01	c	4.6E-03	c	2.3E-02	c	2.2E-02	c			1.3E-04	
1.1E+00	C	3.1E-04	C	3.0E-04	I					1	0.04	Hexachlorocyclohexane, Gamma-(Lindane)	58-89-9	5.2E-01	c*	2.1E+00	c	7.8E-03	c	4.0E-02	c	3.6E-02	c*	2.0E-01		2.1E-04	1.2E-03
1.8E+00	I	5.1E-04	I							1	0.1	Hexachlorocyclohexane, Technical	608-73-1	2.7E-01	c	9.6E-01	c	4.8E-03	c	2.4E-02	c	2.2E-02	c			1.3E-04	
				6.0E-03	I	2.0E-04	I			1	0.1	Hexachlorocyclopentadiene	77-47-4	3.7E+02	n	3.7E+03	n	2.1E-01	n	8.8E-01	n	2.2E+01	n			7.0E-02	1.6E-01
				7.0E-04	I	3.0E-02	I			1	0.1	Hexachloroethane	67-72-1	1.2E+01	c**	4.3E+01	c*	2.2E-01	c	1.1E+00	c	7.9E-01	c**			4.8E-04	
				3.0E-04	I					1	0.1	Hexachlorophene	70-30-4	1.8E+01	n	1.8E+02	n									6.3E+00	
1.1E-01	I			3.0E-03	I					1	0.015	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4	5.6E+00	c*	2.4E+01	c									2.3E-04	
				1.0E-05	I	V				1		Hexamethylene Diisocyanate, 1,6-	822-06-0	3.4E+00	n	1.4E+01	n	1.0E-02	n	4.4E-02	n	2.1E-02	n			2.1E-04	
										1	0.1	Hexamethylphosphoramide	680-31-9	2.4E+01	n	2.5E+02	n									1.4E-03	
				6.0E-02	H	7.0E-01	I	V		1	1.4E+02	Hexane, N-	110-54-3	5.7E+02	ns	2.6E+03	ns	7.3E+02	n	3.1E+03	n	2.5E+02	n			1.8E+00	
				2.0E+00	P					1	0.1	Hexanedioic Acid	124-04-9	1.2E+05	nm	1.2E+06	nm									7.7E+00	
				5.0E-03	I	3.0E-02	I	V		1	3.3E+03	Hexanone, 2-	591-78-6	2.1E+02	n	1.4E+03	n	3.1E+01	n	1.3E+02	n	3.4E+01	n			7.9E-03	
				3.3E-02	I					1	0.1	Hexazinone	51235-04-2	2.0E+03	n	2.0E+04	n									2.3E-01	
3.0E+00	I	4.9E-03	I			3.0E-05	P			1		Hydrazine	302-01-2	2.1E-01	c	9.5E-01	c	5.0E-04	c*	2.5E-03	c*	2.2E-02	c				
3.0E+00	I	4.9E-03	I							1		Hydrazine Sulfate	10034-93-2	2.1E-01	c	9.5E-01	c	5.0E-04	c	2.5E-03	c	2.2E-02	c				
				4.0E-02	C	2.0E-02	C			1		Hydrogen Chloride	7647-01-0	2.8E+07	nm	1.2E+08	nm	2.1E+01	n	8.8E+01	n						
						1.4E-02	C			1		Hydrogen Fluoride	7664-39-3	3.1E+03	n	4.1E+04	n	1.5E+01	n	6.1E+01	n	6.2E+02	n				
				2.0E-03	I					1		Hydrogen Sulfide	7783-06-4	2.8E+06	nm	1.2E+07	nm	2.1E+00	n	8.8E+00	n						
6.0E-02	P			4.0E-02	P					1	0.1	Hydroquinone	123-31-9	8.1E+00	c	2.9E+01	c									7.5E-04	
				1.3E-02	I					1	0.1	Imazalil	35554-44-0	7.9E+02	n	8.0E+03	n									2.5E+00	
				2.5E-01	I					1	0.1	Imazaquin	81335-37-7	1.5E+04	n	1.5E+05	nm									1.9E+01	
				1.0E-02	A					1		Iodine	7553-56-2	7.8E+02	n	1.0E+04	n									9.4E+00	
				4.0E-02	I					1	0.1	Iprodione	36734-19-7	2.4E+03	n	2.5E+04	n									1.7E-01	
				7.0E-01	P					1		Iron	7439-89-6	5.5E+04	n	7.2E+05	nm									2.7E+02	
				3.0E-01	I					1	0																

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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)	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)	
3.8E-02	C	1.1E-05	C	1.0E-07	I					1	0.1	~Lead subacetate	1335-32-6	1.3E+01	c	4.5E+01	c	2.2E-01	c	1.1E+00	c	1.8E+00	c				
				2.0E-03	I					1	0.1	~Tetraethyl Lead	78-00-2	6.1E-03	n	6.2E-02	n								3.5E-06		
				2.0E-03	I					1	0.1	Linuron	330-55-2	1.2E+02	n	1.2E+03	n								2.6E+01	2.3E-02	
				2.0E-03	P					1		Lithium	7439-93-2	1.6E+02	n	2.0E+03	n								3.1E+01	9.3E+00	
				2.0E-01	I					1	0.1	Londax	83055-99-6	1.2E+04	n	1.2E+05	nm								3.1E+03	7.9E-01	
				5.0E-04	I					1	0.1	MCPA	94-74-6	3.1E+01	n	3.1E+02	n								5.7E+00	1.5E-03	
				1.0E-02	I					1	0.1	MCPB	94-81-5	6.1E+02	n	6.2E+03	n								1.1E+02	4.4E-02	
				1.0E-03	I					1	0.1	MCPB	93-65-2	6.1E+01	n	6.2E+02	n								1.2E+01	3.5E-03	
				2.0E-02	I					1	0.1	Malathion	121-75-5	1.2E+03	n	1.2E+04	n								3.0E+02	7.9E-02	
				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	1.5E+03	n		3.0E-01		
				5.0E-01	I					1	0.1	Maleic Hydrazide	123-33-1	3.1E+04	n	3.1E+05	nm								7.8E+03	1.6E+00	
				1.0E-04	P					1	0.1	Malononitrile	109-77-3	6.1E+00	n	6.2E+01	n								1.6E+00	3.2E-04	
				3.0E-02	H					1	0.1	Mancozeb	8018-01-7	1.8E+03	n	1.8E+04	n								4.6E+02	6.5E-01	
				5.0E-03	I					1	0.1	Maneb	12427-38-2	3.1E+02	n	3.1E+03	n								7.7E+01	1.1E-01	
				1.4E-01	I	5.0E-05	I			1		Manganese (Diet)	7439-96-5	1.8E+03	n	1.8E+04	n										
				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	3.2E+02	n			2.1E+01	
				9.0E-05	H					1	0.1	Mephosfolan	950-10-7	5.5E+00	n	5.5E+01	n								1.4E+00	2.1E-03	
				3.0E-02	I					1	0.1	Mepiquat Chloride	24307-26-4	1.8E+03	n	1.8E+04	n								4.7E+02	1.6E-01	
				3.0E-04	I	3.0E-04	S		0.07		3.1E+00	Mercury Compounds	7487-94-7	2.3E+01	n	3.1E+02	n	3.1E-01	n	1.3E+00	n	4.3E+00	n	2.0E+00			
						3.0E-04	I	V		1		*Mercuric Chloride (and other Mercury salts)	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								1.6E+00		
				8.0E-05	I					1	0.1	*Phenylmercuric Acetate	62-38-4	4.9E+00	n	4.9E+01	n								1.2E+00	3.9E-04	
				3.0E-05	I					1	0.1	Merphos	150-50-5	1.8E+00	n	1.8E+01	n								4.7E-01	4.6E-02	
				3.0E-05	I					1	0.1	Merphos Oxide	78-48-8	1.8E+00	n	1.8E+01	n								6.1E-02	3.0E-04	
				6.0E-02	I					1	0.1	Metallaxyl	57837-19-1	3.7E+03	n	3.7E+04	n								9.2E+02	2.5E-01	
				1.0E-04	I	3.0E-02	P	V		1		Methacrylonitrile	126-98-7	7.6E+00	n	9.2E+01	n	3.1E+01	n	1.3E+02	n	1.5E+00	n			3.4E-04	
				5.0E-05	I					1	0.1	Methamidophos	10265-92-6	3.1E+00	n	3.1E+01	n								7.8E-01	1.6E-04	
				5.0E-01	I	4.0E+00	C			1	0.1	Methanol	67-56-1	3.1E+04	n	3.1E+05	nm	4.2E+03	n	1.8E+04	n	7.8E+03	n		1.6E+00		
				1.0E-03	I					1	0.1	Methidathion	950-37-8	6.1E+01	n	6.2E+02	n								1.5E+01	3.7E-03	
4.9E-02	C	1.4E-05	C	2.5E-02	I					1	0.1	Methomyl	16752-77-5	1.5E+03	n	1.5E+04	n								3.9E+02	8.5E-02	
										1	0.1	Methoxy-5-nitroaniline, 2-	99-59-2	9.9E+00	c	3.5E+01	c	1.7E-01	c	8.8E-01	c	1.2E+00	c		4.6E-04		
				5.0E-03	I					1	0.1	Methoxychlor	72-43-5	3.1E+02	n	3.1E+03	n								2.7E+01	1.5E+00	
				8.0E-03	P	1.0E-03	P			1	0.1	Methoxyethanol Acetate, 2-	110-49-6	4.9E+02	n	4.9E+03	n	1.0E+00	n	4.4E+00	n	1.2E+02	n		4.0E+01	2.6E-02	
				5.0E-03	P	2.0E-02	I			1	0.1	Methoxyethanol, 2-	109-86-4	3.1E+02	n	3.1E+03	n	2.1E+01	n	8.8E+01	n	7.8E+01	n		1.6E-02	1.6E-02	
				1.0E+00	X			V		1		Methyl Acetate	79-20-9	7.8E+04	ns	1.0E+06	nms								1.6E+04	3.2E+00	
				3.0E-02	H	2.0E-02	P	V		1		Methyl Acrylate	96-33-3	1.5E+02	n	6.4E+02	n	2.1E+01	n	8.8E+01	n	3.8E+01	n			8.1E-03	
				6.0E-01	I	5.0E+00	I	V		1		Methyl Ethyl Ketone (2-Butanone)	78-93-3	2.8E+04	n	2.0E+05	nms	5.2E+03	n	2.2E+04	n	4.9E+03	n			1.0E+00	
				1.0E-03	X	2.0E-05	X			1	0.1	Methyl Hydrazine	60-34-4	6.1E+01	n	6.1E+02	n	2.4E-03	c**	1.2E-02	c**	1.6E+01	n			3.5E-03	
				8.0E-02	H	3.0E+00	I	V		1		Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	5.3E+03	ns	5.3E+04	ns	3.1E+03	n	1.3E+04	n	1.0E+03	n			2.3E-01	
				1.7E+04	C	1.0E-03	C	V		1	0.1	Methyl Isocyanate	624-83-9	5.0E+00	n	2.1E+01	n	1.0E+00	n	4.4E+00	n	2.1E+00	n			5.9E-04	
				1.4E+00	I	7.0E-01	I	V		1		Methyl Methacrylate	80-62-6	4.8E+03	ns	2.1E+04	ns	7.3E+02	n	3.1E+03	n	1.4E+03	n			3.0E-01	
				2.5E-04	I					1	0.1	Methyl Parathion	298-00-0	1.5E+01	n	1.5E+02	n								3.4E+00	5.7E-03	
				6.0E-02	X					1	0.1	Methyl Phosphonic Acid	993-13-5	3.7E+03	n	3.7E+04	n								9.4E+02	1.9E-01	
				6.0E-03	H	4.0E-02	H	V		1		Methyl Styrene (Mixed Isomers)	25013-15-4	2.4E+02	n	1.5E+03	ns	4.2E+01	n	1.8E+02	n	3.2E+01	n			5.2E-02	
9.9E-02	C	2.8E-05	C							1	0.1	Methyl methanesulfonate	66-27-3	4.9E+00	c	1.7E+01	c	8.7E-02	c	4.4E-01	c	6.8E-01	c			1.4E-04	
1.8E-03	C	2.6E-07	C	2.0E-04	X	3.0E+00	I	V		1		Methyl tert-Butyl Ether (MTBE)	1634-04-4	4.3E+01	c	2.2E+02	c	9.4E+00	c	4.7E+01	c	1.2E+01	c			2.8E-03	
										1	0.1	Methyl-1,4-benzenediamine dihydrochloride, 2-	615-45-2	1.2E+01	n	1.2E+02	n								3.1E+00	1.9E-03	
9.0E-03	P	2.0E-02	X							1	0.1	Methyl-5-Nitroaniline, 2-	99-55-8	5.4E+01	c*	1.9E+02	c*								7.0E+00	3.9E-03	
8.3E+00	C	2.4E-03	C							1	0.1	Methyl-N-nitro-N-nitrosoguanidine, N-	70-25-7	5.9E-02	c	2.1E-01	c	1.0E-03	c	5.1E-03	c	8.1E-03	c			2.8E-06	
1.3E-01	C	3.7E-05	C							1	0.1	Methylaniline Hydrochloride, 2-	636-21-5	3.7E+00	c	1.3E+01	c	6.6E-02	c	3.3E-01	c	5.0E-01	c			2.1E-04	
				1.0E-02	A					1	0.1	Methylarsonic acid	124-58-3	6.1E+02	n	6.2E+03	n								1.6E+02		
				2.0E-04	X					1	0.1	Methylbenzene,1,4-diamine monohydrochloride, 2-	74612-12-7	1.2E+01	n	1.2E+02	n								3.1E+00		
				2.0E-04	X					1	0.1	Methylbenzene-1,4-diamine sulfate, 2-	615-50-9	1.2E+01	n	1.2E+02	n								3.1E+00		
2.2E+01	C	6.3E-03	C							1	0.1	Methylcholanthrene, 3-	56-49-5	5.2E-03	c	7.8E-02	c	1.5E-04	c								

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = PPRTV Appendix; H = HEAST; J = New Jersey; 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 -day) ¹	k e y	RfD _o (mg/kg-day)	k e y	RfC _i (mg/m ³)	k e y	o c 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)	
				2.0E-03	I							1	0.1	Molinate	2212-67-1	1.2E+02	n	1.2E+03	n					2.3E+01	n		1.3E-02	
				5.0E-03	I							1		Molybdenum	7439-98-7	3.9E+02	n	5.1E+03	n					7.8E+01	n		1.6E+00	
				1.0E-01	I							1		Monochloramine	10599-90-3	7.8E+03	n	1.0E+05	nm					1.6E+03	n	4.0E+03	1.6E+03	
				2.0E-03	P							1	0.1	Monomethylaniline	100-61-8	1.2E+02	n	1.2E+03	n					3.0E+01	n		1.1E-02	
				3.0E-04	X							1	0.1	N,N'-Diphenyl-1,4-benzenediamine	74-31-7	1.8E+01	n	1.8E+02	n					2.7E+00	n		2.8E-01	
				2.0E-03	X							1	0.1	Naled	300-76-5	1.2E+02	n	1.2E+03	n					3.1E+01	n		1.4E-02	
				3.0E-02	I	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	1.4E+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					3.3E-02	c		1.7E-04	
				1.0E-01	I							1	0.1	Napropamide	15299-99-7	6.1E+03	n	6.2E+04	n					1.3E+03	n		8.3E+00	
				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	6.7E+02	n			
				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	7.8E+02	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**	7.6E+02	n		1.1E+02	
		2.6E-04	C	2.0E-02	I	9.0E-05	A					0.04		Nickel Soluble Salts	7440-02-0	1.5E+03	c	2.0E+04	n	9.4E-03	c*	4.7E-02	c**	3.0E+02	n		2.0E+01	
1.7E+00	C	4.8E-04	I	5.0E-02	C	5.0E-05	C					0.04		Nickel Subsulfide	12035-72-2	3.8E-01	c	1.7E+00	c	5.1E-03	c*	2.6E-02	c**	3.9E-02	c			
				1.6E+00	I							1		Nitrate	14797-55-8	1.3E+05	nm	1.6E+06	nm					2.5E+04	n	1.0E+04	1.0E+04	
				1.0E-01	I							1		Nitrite	14797-65-0	7.8E+03	n	1.0E+05	nm					1.6E+03	n			
				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	1.5E+02	n		6.2E-02	
2.0E-02	P			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	3.3E+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					4.7E+07	n		1.0E+04	
				7.0E-02	H							1	0.1	Nitrofurantoin	67-20-9	4.3E+03	n	4.3E+04	n					1.1E+03	n		4.7E-01	
1.3E+00	C	3.7E-04	C									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		4.6E-05	
1.7E-02	P			1.0E-04	P							1	0.1	Nitroglycerin	55-63-0	6.1E+00	n	6.2E+01	n					1.5E+00	n		6.6E-04	
				1.0E-01	I							1	0.1	Nitroguanidine	556-88-7	6.1E+03	n	6.2E+04	n					1.6E+03	n		3.8E-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-03	H			2.0E-02	I	V				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	
2.7E+01	C	7.7E-03	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	7.9E-04	c		1.9E-07	
1.2E+02	C	3.4E-02	C						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		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		4.8E-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	9.3E-03	c		7.0E-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		4.8E-06	
1.5E+02	I	4.3E-02	I						M			1	0.1	Nitrosodethylamine, N-	55-18-5	7.7E-04	c	1.1E-02	c	2.2E-05	c	2.9E-04	c	1.4E-04	c		5.2E-08	
5.1E+01	I	1.4E-02	I	8.0E-06	P	4.0E-05	X		M			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	1.0E+01	c		5.7E-02	
2.2E+01	I	6.3E-03	C									1	0.1	Nitrosomethylthylamine, N-	10595-95-6	2.2E-02	c	7.8E-02	c	3.9E-04	c	1.9E-03	c	3.0E-03	c		8.7E-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	7.1E-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					1.3E+00	n		1.2E-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*					2.7E-01	c*		2.5E-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*					3.7E+00	c*		3.4E-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	4.6E+00	n		6.6E-02	
				4.0E-02	I							1	0.1	Norflurazon	27314-13-2	2.4E+03	n	2.5E+04	n					6.0E+02	n		3.9E+00	
				7.0E-04	I							1	0.1	Nustar	85509-19-9	4.3E+01	n	4.3E+02	n					8.3E+00	n		1.4E+00	
				3.0E-03	I							1	0.1	Octabromodiphenyl Ether	32536-52-0	1.8E+02	n	1.8E+03	n					4.7E+01	n		9.3E+00	
				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					7.8E+02	n		9.9E-01	
				2.0E-03	H							1	0.1	Octamethylpyrophosphoramide	152-16-9	1.2E+02	n	1.2E+03	n					3.1E+01	n		7.5E-03	
				1.2E-02	P							1	0.1	Octyl Phthalate, di-N-	117-84-0	7.3E+02	n	7.4E+03	n					1.9E+02	n		5.3E+01	
				5.0E-02	I							1	0.1	Oryzalin	19044-88-3	3.1E+03	n	3.1E+04	n					6.2E+02	n		1.1E+00	
				5.0E-03	I							1	0.1	Oxadiazon	19666-30-9	3.1E+02	n	3.1E+03	n					3.5E+01				

Regional Screening Level (RSL) Summary Table November 2012

Key: I = IRIS; P = PPRTR; A = ATSDR; C = Cal EPA; X = PPRTR Appendix; H = HEAST; J = New Jersey; 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	IUR (mg/m ³ -day) ¹	k _e	RfD _o	k _e	RfC _i (mg/m ³) ¹	k _e	v _o	muta-	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)				
2.0E+00	S	5.7E-04	S	2.0E-05	I							1	0.14	~Aroclor 1254	11097-69-1	2.2E-01	c**	7.4E-01	c*	4.3E-03	c	2.1E-02	c	3.4E-02	c**		8.8E-03				
2.0E+00	S	5.7E-04	S									1	0.14	~Aroclor 1260	11096-82-5	2.2E-01	c	7.4E-01	c	4.3E-03	c	2.1E-02	c	3.4E-02	c		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)	39635-31-9	1.1E-01	c*	3.8E-01	c*	2.1E-03	c	1.1E-02	c	1.7E-02	c*		1.2E-02				
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E					1	0.14	~Hexachlorobiphenyl, 2,3',4,4',5,5' (PCB 167)	52663-72-6	1.1E-01	c*	3.8E-01	c*	2.1E-03	c	1.1E-02	c	1.7E-02	c*		7.2E-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' (PCB 157)	69782-90-7	1.1E-01	c*	3.8E-01	c*	2.1E-03	c	1.1E-02	c	1.7E-02	c*		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 (PCB 156)	38380-08-4	1.1E-01	c*	3.8E-01	c*	2.1E-03	c	1.1E-02	c	1.7E-02	c*		7.4E-03				
3.9E+03	E	1.1E+00	E	3.3E-08	E	1.3E-06	E					1	0.14	~Hexachlorobiphenyl, 3,3',4,4',5,5' (PCB 169)	32774-16-6	1.1E-04	c*	3.8E-04	c*	2.1E-06	c	1.1E-05	c	1.7E-05	c*		7.2E-06				
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 123)	65510-44-3	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 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)	57465-28-0	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				
												1	0.1	Polymeric Methylene Diphenyl 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)	83-32-9	3.4E+03	n	3.3E+04	n					4.0E+02	n		4.1E+00				
				3.0E-01	I				V			1	0.13	~Acenaphthene	120-12-7	1.7E+04	n	1.7E+05	nm					1.3E+03	n		4.2E+01				
7.3E-01	E	1.1E-04	C							M		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				
1.2E+00	C	1.1E-04	C									1	0.13	~Benzo[<i>j</i>]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[<i>a</i>]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[<i>b</i>]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[<i>k</i>]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[<i>a,h</i>]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[<i>a,e</i>]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[<i>a</i>]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					6.3E+02	n		7.0E+01				
				4.0E-02	I							1	0.13	~Fluorene	86-73-7	2.3E+03	n	2.2E+04	n					2.2E+02	n		4.0E+00				
7.3E-01	E	1.1E-04	C							M		1	0.13	~Indeno[1,2,3- <i>cd</i>]pyrene	193-39-5	1.5E-01	c	2.1E+00	c	8.7E-03	c	1.1E-01	c	2.9E-02	c		2.0E-01				
2.9E-02	P			7.0E-02	A				V			1	0.13	~Methylnaphthalene, 1-	90-12-0	1.6E+01	c	5.3E+01	c					9.7E-01	c		5.1E-03				
				4.0E-03	I				V			1	0.13	~Methylnaphthalene, 2-	91-57-6	2.3E+02	n	2.2E+03	n					2.7E+01	n		1.4E-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	1.6E-02	c		2.8E-03				
1.5E-01	I			3.0E-02	I				V			1	0.13	~Pyrene	129-00-0	1.7E+03	n	1.7E+04	n					8.7E+01	n		9.5E+00				
				9.0E-03	I							1	0.1	Prochloraz	67747-09-5	3.2E+00	c	1.1E+01	c					3.2E-01	c		1.6E-03				
				6.0E-03	H							1	0.1	Profluralin	26399-36-0	3.7E+02	n	3.7E+03	n					1.9E+01	n		1.2E+00				
				1.5E-02	I							1	0.1	Prometon	1610-18-0	9.2E+02	n	9.2E+03	n					1.9E+02	n		9.2E-02				
				4.0E-03	I							1	0.1	Prometryn	7287-19-6	2.4E+02	n	2.5E+03	n					4.5E+01	n		6.9E-02				
				1.3E-02	I							1	0.1	Propachlor	1918-16-7	7.9E+02	n	8.0E+03	n					1.9E+02	n		1.2E-01				
				5.0E-03	I							1	0.1	Propanil	709-98-8	3.1E+02	n	3.1E+03	n					6.3E+01	n		3.5E-02				
				2.0E-02	I							1	0.1	Propargite	2312-35-8	1.2E+03	n	1.2E+04	n					1.2E+02	n		8.8E+00				
				2.0E-03	I							1	0.1	Propargyl Alcohol	107-19-7	1.2E+02	n	1.2E+03	n					3.1E+01	n		6.4E-03				
				2.0E-02	I							1	0.1	Propazine	139-40-2	1.2E+03	n	1.2E+04	n					2.6E+02	n		2.3E-01				
				2.0E-02	I							1	0.1	Propham	122-42-9	1.2E+03	n	1.2E+04	n					2.7E+02	n		1.7E-01				

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Toxicity and Chemical-specific Information										Contaminant										Screening Levels						Protection of Ground Water SSLs	
SFO (mg/kg-day) ⁻¹	ky	IUR (ug/m ³) ⁻¹	ky	RfD _o (mg/kg-day)	ky	RfC _i (mg/m ³) ⁻¹	ky	vo	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-03	I						1	0.1	Rotenone	83-79-4	2.4E+02	n	2.5E+03	n					4.7E+01	n		2.4E+01	
2.2E-01	C	6.3E-05	C						M		1	0.1	Saflrole	94-59-7	5.2E-01	c	7.8E+00	c	1.5E-02	c	1.9E-01	c	8.3E-02	c		5.1E-05	
				2.5E-02	I						1	0.1	Saflrole	78587-05-0	1.5E+03	n	1.5E+04	n					8.1E+01	n		3.6E-01	
				5.0E-03	I						1		Selenious Acid	7783-00-8	3.9E+02	n	5.1E+03	n					7.8E+01	n			
				5.0E-03	I	2.0E-02	C				1		Selenium	7782-49-2	3.9E+02	n	5.1E+03	n	2.1E+01	n	8.8E+01	n	7.8E+01	n	5.0E+01	4.0E-01	2.6E-01
				5.0E-03	C	2.0E-02	C				1		Selenium Sulfide	7446-34-6	3.9E+02	n	5.1E+03	n	2.1E+01	n	8.8E+01	n	7.8E+01	n			
				9.0E-02	I						1	0.1	Sethoxydim	74051-80-2	5.5E+03	n	5.5E+04	n					7.8E+02	n		6.9E+00	
						3.0E-03	C				1		Silica (crystalline, respirable)	7631-86-9	4.3E+06	nm	1.8E+07	nm	3.1E+00	n	1.3E+01	n					
1.2E-01	H			5.0E-03	I					0.04			Silver	7440-22-4	3.9E+02	n	5.1E+03	n					7.1E+01	n		6.0E-01	
				5.0E-03	I						1	0.1	Simazine	122-34-9	4.1E+00	c*	1.4E+01	c					5.2E-01	c	4.0E+00	2.6E-04	2.0E-03
				1.3E-02	I						1	0.1	Sodium Acifluorfen	62476-59-9	7.9E+02	n	8.0E+03	n					2.0E+02	n		1.6E+00	
				4.0E-03	I						1		Sodium Azide	26628-22-8	3.1E+02	n	4.1E+03	n					6.2E+01	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				1		Sodium Fluoride	7681-49-4	3.9E+03	n	5.1E+04	n	1.4E+01	n	5.7E+01	n	7.8E+02	n			
				2.0E-05	I						1	0.1	Sodium Fluoroacetate	62-74-8	1.2E+00	n	1.2E+01	n					3.1E-01	n		6.3E-05	
				1.0E-03	H						1		Sodium Metavanadate	13718-26-8	7.8E+01	n	1.0E+03	n					1.6E+01	n			
				3.0E-02	I						1	0.1	Stirofos (Tetrachlorovinphos)	961-11-5	2.0E+01	c*	7.2E+01	c					2.4E+00	c		7.0E-03	
				6.0E-01	I						1		Strontium, Stable	7440-24-6	4.7E+04	n	6.1E+05	nm					9.3E+03	n		3.3E+02	
				3.0E-04	I						1	0.1	Strychnine	57-24-9	1.8E+01	n	1.8E+02	n					4.6E+00	n		5.1E-02	
				2.0E-01	I	1.0E+00	I	V			1	8.7E+02	Styrene	100-42-5	6.3E+03	ns	3.6E+04	ns	1.0E+03	n	4.4E+03	n	1.1E+03	n	1.0E+02	1.2E+00	1.1E-01
				1.0E-03	P	2.0E-03	P				1	0.1	Sulfolane	126-33-0	6.1E+01	n	6.2E+02	n	2.1E+00	n	8.8E+00	n	1.6E+01	n		3.4E-03	
				8.0E-04	P						1	0.1	Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9	4.9E+01	n	4.9E+02	n					8.3E+00	n		4.9E-02	
						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					3.5E+02	n		4.3E+00	
				3.0E-02	H						1	0.1	TCMTB	21564-17-0	1.8E+03	n	1.8E+04	n					3.7E+02	n		2.6E+00	
				7.0E-02	I						1	0.1	Tebuthiuron	34014-18-1	4.3E+03	n	4.3E+04	n					1.1E+03	n		3.0E-01	
				2.0E-02	H						1	0.1	Temephos	3383-96-8	1.2E+03	n	1.2E+04	n					3.1E+02	n		6.0E+01	
				1.3E-02	I						1	0.1	Terbacil	5902-51-2	7.9E+02	n	8.0E+03	n					2.0E+02	n		5.9E-02	
				2.5E-05	H						1	0.1	Terbufos	13071-79-9	1.5E+00	n	1.5E+01	n					1.8E-01	n		3.9E-04	
				1.0E-03	I						1	0.1	Terbutryn	886-50-0	6.1E+01	n	6.2E+02	n					1.0E+01	n		1.4E-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					1.6E+00	n		4.2E-02	
				3.0E-04	I						1	0.1	Tetrachlorobenzene, 1,2,4,5-	95-94-3	1.8E+01	n	1.8E+02	n					1.2E+00	n		5.8E-03	
2.6E-02	I	7.4E-06	I	3.0E-02	I				V		1	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	5.0E-01	c		1.9E-04	
2.0E-01	I	5.8E-05	C	2.0E-02	I				V		1	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	6.6E-02	c		2.6E-05	
2.1E-03	I	2.6E-07	I	6.0E-03	I	4.0E-02	I	V			1	1.7E+02	Tetrachloroethylene	127-18-4	2.2E+01	c**	1.1E+02	c**	9.4E+00	c**	4.7E+01	c**	9.7E+00	c**	5.0E+00	4.4E-03	2.3E-03
				3.0E-02	I						1	0.1	Tetrachlorophenol, 2,3,4,6-	58-90-2	1.8E+03	n	1.8E+04	n					1.7E+02	n		1.1E+00	
2.0E+01	H			3.0E-02	I						1	0.1	Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1	2.4E-02	c	8.6E-02	c					1.1E-03	c		3.9E-06	
				5.0E-04	I						1	0.1	Tetraethyl Dithiopyrophosphate	3689-24-5	3.1E+01	n	3.1E+02	n					5.3E+00	n		3.9E-03	
						8.0E+01	I	V			1	1.1E+03	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 (Trinitrophenylmethylnitramine)	479-45-8	2.4E+02	n	2.5E+03	n					6.1E+01	n		5.8E-01	
				7.0E-06	X						1		Thallium (I) Nitrate	10102-45-1	5.5E-01	n	7.2E+00	n					1.1E-01	n		1.1E-01	
				1.0E-05	X						1		Thallium (Soluble Salts)	7440-28-0	7.8E-01	n	1.0E+01	n					1.6E-01	n	2.0E+00	1.1E-02	1.4E-01
				6.0E-06	X						1		Thallium Acetate	563-68-8	4.7E-01	n	6.1E+00	n					9.3E-02	n			
				2.0E-05	X						1		Thallium Carbonate	6533-73-9	1.6E+00	n	2.0E+01	n					3.1E-01	n			
				6.0E-06	X						1		Thallium Chloride	7791-12-0	4.7E-01	n	6.1E+00	n					9.3E-02	n			
				2.0E-05	X						1		Thallium Sulfate	7446-18-6	1.6E+00	n	2.0E+01	n					3.1E-01	n			
				1.0E-02	I						1	0.1	Thiobencarb	28249-77-6	6.1E+02	n	6.2E+03	n					1.2E+02	n		4.2E-01	
				7.0E-02	X				0.008		1		Thiodiglycol	111-48-8	5.4E+03	n	6.8E+04	n					1.1E+03	n		2.2E-01	
				3.0E-04	H						1	0.1	Thiofanox	39196-18-4	1.8E+01	n	1.8E+02	n					4.1E+00	n		1.4E-03	
				8.0E-02	I						1	0.1	Thiophanate, Methyl	23564-05-8	4.9E+03	n	4.9E+04	n					1.2E+03	n		1.1E+00	
				5.0E-03	I						1	0.1	Thiram	137-26-8	3.1E+02	n	3.1E+03	n					7.6E+01	n		1.1E-01	
				6.0E-01	H						1		Tin	7440-31-5	4.7E+04	n	6.1E+05	nm					9.3E+03	n		2.3E+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-0																							

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Toxicity and Chemical-specific Information											Contaminant											Screening Levels											Protection of Ground Water SSLs	
SFO (mg/kg-day) ⁻¹	k _e	IUR (ug/m ³) ⁻¹	k _e	RfD _o (mg/kg-day)	k _e	RfC _i (mg/m ³)	k _e	v _o	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-04	I						1	0.1	Tributyltin Oxide	56-35-9	1.8E+01	n	1.8E+02	n					4.4E+00	n		2.3E+02								
				3.0E+01	I	3.0E+01	H	V			1	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	5.3E+04	n		1.3E+02								
7.0E-02	I			2.0E-02	I						1	0.1	Trichloroacetic Acid	76-03-9	6.9E+00	c	2.5E+01	c					9.4E-01	c	6.0E+01	1.9E-04	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					3.0E-01	n		2.7E-03								
				8.0E-04	X			V			1	0.1	Trichlorobenzene, 1,2,3-	87-61-6	4.9E+01	n	4.9E+02	n					5.2E+00	n		1.5E-02								
2.9E-02	P			1.0E-02	I	2.0E-03	P	V			1	4.0E+02	Trichlorobenzene, 1,2,4-	120-82-1	2.2E+01	c**	9.9E+01	c**	2.1E+00	n	8.8E+00	n	9.9E-01	c**	7.0E+01	2.9E-03	2.0E-01							
				2.0E+00	I	5.0E+00	I	V			1	6.4E+02	Trichloroethane, 1,1,1-	71-55-6	8.7E+03	ns	3.8E+04	ns	5.2E+03	n	2.2E+04	n	7.5E+03	n	2.0E+02	2.6E+00	7.0E-02							
5.7E-02	I	1.6E-05	I	4.0E-03	I	2.0E-04	X	V			1	2.2E+03	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	7.7E-05	1.6E-03							
4.6E-02	I	4.1E-06	I	5.0E-04	I	2.0E-03	I	V	M		1	6.9E+02	Trichloroethylene	79-01-6	9.1E-01	c**	6.4E+00	c**	4.3E-01	c**	3.0E+00	c**	4.4E-01	c**	5.0E+00	1.6E-04	1.8E-03							
				3.0E-01	I	7.0E-01	H	V			1	1.2E+03	Trichlorofluoromethane	75-69-4	7.9E+02	n	3.4E+03	ns	7.3E+02	n	3.1E+03	n	1.1E+03	n		6.9E-01								
				1.0E-01	I						1	0.1	Trichlorophenol, 2,4,5-	95-95-4	6.1E+03	n	6.2E+04	n					8.9E+02	n		3.3E+00								
1.1E-02	I	3.1E-06	I	1.0E-03	P						1	0.1	Trichlorophenol, 2,4,6-	88-06-2	4.4E+01	c**	1.6E+02	c**	7.8E-01	c	4.0E+00	c	3.5E+00	c**		1.3E-02								
				1.0E-02	I						1	0.1	Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5	6.1E+02	n	6.2E+03	n					1.2E+02	n		5.2E-02								
				8.0E-03	I						1	0.1	Trichlorophenoxypropionic acid, -2,4,5	93-72-1	4.9E+02	n	4.9E+03	n					8.4E+01	n	5.0E+01	4.6E-02	2.8E-02							
				5.0E-03	I			V			1	1.3E+03	Trichloropropane, 1,1,2-	598-77-6	3.9E+02	n	5.1E+03	ns					6.8E+01	n		2.7E-02								
3.0E+01	I			4.0E-03	I	3.0E-04	I	V	M		1	1.4E+03	Trichloropropane, 1,2,3-	96-18-4	5.0E-03	c	9.5E-02	c	3.1E-01	n	1.3E+00	n	6.5E-04	c		2.8E-07								
				3.0E-03	X	3.0E-04	P	V			1	4.5E+02	Trichloropropene, 1,2,3-	96-19-5	7.8E-01	n	3.3E+00	n	3.1E-01	n	1.3E+00	n	6.2E-01	n		3.1E-04								
				3.0E-03	I						1	0.1	Tridiphane	58138-08-2	1.8E+02	n	1.8E+03	n					1.3E+01	n		9.3E-02								
				7.0E-03	I	V					1	2.8E+04	Triethylamine	121-44-8	1.2E+02	n	5.2E+02	n	7.3E+00	n	3.1E+01	n	1.5E+01	n		4.4E-03								
7.7E-03	I			7.5E-03	I						1	0.1	Trifluralin	1582-09-8	6.3E+01	c**	2.2E+02	c*					2.2E+00	c*		7.2E-02								
2.0E-02	P			1.0E-02	P						1	0.1	Trimethyl Phosphate	512-56-1	2.4E+01	c*	8.6E+01	c*					3.4E+00	c*		7.4E-04								
				5.0E-03	P	V					1	2.9E+02	Trimethylbenzene, 1,2,3-	526-73-8	5.2E+01	n	2.2E+02	n	5.2E+00	n	2.2E+01	n	1.0E+01	n		1.5E-02								
				7.0E-03	P	V					1	2.2E+02	Trimethylbenzene, 1,2,4-	95-63-6	6.2E+01	n	2.6E+02	ns	7.3E+00	n	3.1E+01	n	1.5E+01	n		2.1E-02								
				1.0E-02	X			V			1	1.8E+02	Trimethylbenzene, 1,3,5-	108-67-8	7.8E+02	ns	1.0E+04	ns					8.7E+01	n		1.2E-01								
				3.0E-02	I						1	0.019	Trinitrobenzene, 1,3,5-	99-35-4	2.2E+03	n	2.7E+04	n					4.6E+02	n		1.7E+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						1	0.1	Triphenylphosphine Oxide	791-28-6	1.2E+03	n	1.2E+04	n					2.8E+02	n		1.2E+00								
				1.0E-02	X				M		1	0.1	Tris(1-chloro-2-propyl)phosphate	13674-84-5	6.1E+02	n	6.2E+03	n					1.5E+02	n		5.0E-01								
2.0E-02	P			7.0E-03	P						1	0.1	Tris(2-chloroethyl)phosphate	115-96-8	2.4E+01	c*	8.6E+01	c*					3.3E+00	c*		3.2E-03								
3.2E-03	P			1.0E-01	P						1	0.1	Tris(2-ethylhexyl)phosphate	78-42-2	1.5E+02	c*	5.4E+02	c					2.1E+01	c*	3.0E+01	1.0E+02	1.4E+01							
				3.0E-03	I						1		Uranium (Soluble Salts)	NA	2.3E+02	n	3.1E+03	n					4.7E+01	n		2.1E+01								
1.0E+00	C	2.9E-04	C	8.3E-03	P	9.0E-03	I	7.0E-06	P		0.026		Urethane	51-79-6	1.2E-01	c	1.7E+00	c	3.3E-03	c	4.2E-02	c	2.1E-02	c		4.8E-06								
				5.0E-03	S						1		Vanadium Pentoxide	1314-62-1	4.0E+02	c**	2.0E+03	c**	2.9E-04	c*	1.5E-03	c*	1.1E+02	n		1.1E+02								
				1.0E-03	I						1	0.1	Vanadium and Compounds	NA	3.9E+02	n	5.2E+03	n					7.8E+01	n		7.8E+01								
				1.0E-03	I						1	0.1	Vernolate	1929-77-7	6.1E+01	n	6.2E+02	n					8.3E+00	n		6.6E-03								
				2.5E-02	I						1	0.1	Vinoclozolin	50471-44-8	1.5E+03	n	1.5E+04	n					3.4E+02	n		2.6E-01								
				1.0E+00	H	2.0E-01	I	V			1	2.8E+03	Vinyl Acetate	108-05-4	9.7E+02	n	4.1E+03	ns	2.1E+02	n	8.8E+02	n	4.1E+02	n		8.7E-02								
				3.2E-05	H						1	3.4E+03	Vinyl Bromide	593-60-2	1.1E-01	c*	5.6E-01	c*	7.6E-02	c*	3.8E-01	c*	1.5E-01	c*		4.4E-05								
7.2E-01	I	4.4E-06	I	3.0E-03	I	1.0E-01	I	V	M		1	3.9E+03	Vinyl Chloride	75-01-4	6.0E-02	c	1.7E+00	c	1.6E-01	c	2.8E+00	c	1.5E-02	c	2.0E+00	5.3E-06	6.9E-04							
				3.0E-04	I						1	0.1	Warfarin	81-81-2	1.8E+01	n	1.8E+02	n					4.4E+00	n		4.6E-03								
				2.0E-01	S	1.0E-01	S	V			1	3.9E+02	Xylene, p-	106-42-3	6.0E+02	ns	2.6E+03	ns	1.0E+02	n	4.4E+02	n	1.9E+02	n		1.8E-01								
				2.0E-01	S	1.0E-01	S	V			1	3.9E+02	Xylene, m-	108-38-3	5.9E+02	ns	2.5E+03	ns	1.0E+02	n	4.4E+02	n	1.9E+02	n		1.8E-01								
				2.0E-01	S	1.0E-01	S	V			1	4.3E+02	Xylene, o-	95-47-6	6.9E+02	ns	3.0E+03	ns	1.0E+02	n	4.4E+02	n	1.9E+02	n		1.9E-01								
				2.0E-01	I	1.0E-01	I	V			1	2.6E+02	Xylenes	1330-20-7	6.3E+02	ns	2.7E+03	ns	1.0E+02	n	4.4E+02	n	1.9E+02	n	1.0E+04	1.9E-01	9.8E+00							
				3.0E-04	I						1		Zinc Phosphide	1314-84-7	2.3E+01	n	3.1E+02	n					4.7E+00	n		4.7E+00								
				3.0E-01	I						1		Zinc and Compounds	7440-66-6	2.3E+04	n	3.1E+05	nm					4.7E+03	n		2.9E+02								
				5.0E-02	I						1	0.1	Zineb	12122-67-7	3.1E+03	n	3.1E+04	n					7.7E+02	n		2.2E+00								
				8.0E-05	P						1		Zirconium	7440-67-7	6.3E+00	n	8.2E+01	n					1.2E+00	n		3.7E+00								