

Regional Screening Level (RSL) Industrial Soil 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		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1				
SFO (mg/kg-day) ⁻¹	k e v	IUR (ug/m ³ -y) ⁻¹	k e v	RfD _o (mg/kg-day)	k e v	RfC _i (mg/m ³)	k e v	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)	
1.8E-02	C	5.1E-06	C	1.5E-01	I				1	0.1		1.4E+09		ALAR	1596-84-5	1.6E+02	2.4E+02	3.3E+06	9.6E+01	1.5E+05	2.3E+05		9.2E+04	
8.7E-03	I		I	4.0E-03	I	9.0E-03	I	V	1	0.1	1.1E+05	1.4E+09	9.4E+03	Acephate	30560-19-1	3.3E+02	5.0E+02		2.0E+02	4.1E+03	6.2E+03		2.5E+03	
		2.2E-06	I						1					Acetaldehyde	75-07-0			5.2E+01	5.2E+01			3.7E+02	3.7E+02	
				2.0E-02	I				1	0.1		1.4E+09		Acetochlor	34256-82-1					2.0E+04	3.1E+04		1.2E+04	
				9.0E-01	I	3.1E+01	A	V	1		1.1E+05	1.4E+09	1.5E+04	Acetone	67-64-1					9.2E+05		2.0E+06	6.3E+05	
				3.0E-03	P	6.0E-02	P	V	1		1.1E+05	1.4E+09	2.6E+04	Acetone Cyanohydrin	75-86-5					3.1E+03		6.7E+03	2.1E+03	
						6.0E-02	I	V	1		1.3E+05	1.4E+09	1.4E+04	Acetonitrile	75-05-8							3.7E+03		
				1.0E-01	I			V	1		2.5E+03	1.4E+09	6.4E+04	Acetophenone	98-86-2					1.0E+05			1.0E+05	
3.8E+00	C	1.3E-03	C						1	0.1		1.4E+09		Acetylaminofluorene, 2-	53-96-3	7.5E-01	1.1E+00	1.3E+04	4.5E-01					
				5.0E-04	I	2.0E-05	I	V	1		2.3E+04	1.4E+09	7.4E+03	Acrolein	107-02-8					5.1E+02		6.5E-01	6.5E-01	
5.0E-01	I	1.0E-04	I	2.0E-03	I	6.0E-03	I		1	0.1		1.4E+09		Acrylamide	79-06-1	5.7E+00	8.7E+00	1.7E+05	3.4E+00	2.0E+03	3.1E+03	3.6E+07	1.2E+03	
				5.0E-01	I	1.0E-03	I		1	0.1		1.4E+09		Acrylic Acid	79-10-7					5.1E+05	7.7E+05	6.0E+06	2.9E+05	
5.4E-01	I	6.8E-05	I	4.0E-02	A	2.0E-03	I	V	1		1.1E+04	1.4E+09	8.3E+03	Acrylonitrile	107-13-1	5.3E+00		1.5E+00	1.2E+00	4.1E+04	7.2E+01	7.2E+01	7.2E+01	
						6.0E-03	P		1	0.1		1.4E+09		Adiponitrile	111-69-3							3.6E+07	3.6E+07	
5.6E-02	C			1.0E-02	I				1	0.1		1.4E+09		Alachlor	15972-60-8	5.1E+01	7.7E+01		3.1E+01	1.0E+04	1.5E+04		6.2E+03	
				1.0E-03	I				1	0.1		1.4E+09		Aldicarb	116-06-3					1.0E+03	1.5E+03		6.2E+02	
				1.0E-03	I				1	0.1		1.4E+09		Aldicarb Sulfone	1646-88-4					1.0E+03	1.5E+03		6.2E+02	
1.7E+01	I	4.9E-03	I	3.0E-05	I				1	0.1		1.4E+09		Aldrin	309-00-2	1.7E-01	2.6E-01	3.4E+03	1.0E-01	3.1E+01	4.6E+01		1.8E+01	
				2.5E-01	I				1	0.1		1.4E+09		Allyl	74223-64-6					2.6E+05	3.9E+05		1.5E+05	
				5.0E-03	I	1.0E-04	X		1	0.1		1.4E+09		Allyl Alcohol	107-18-6					5.1E+03	7.7E+03	6.0E+05	3.1E+03	
2.1E-02	C	6.0E-06	C			1.0E-03	I	V	1		1.4E+03	1.4E+09	1.7E+03	Allyl Chloride	107-05-1	1.4E+02		3.5E+00	3.4E+00			7.5E+00	7.5E+00	
				1.0E+00	P	5.0E-03	P		1			1.4E+09		Aluminum	7429-90-5					1.0E+06		3.0E+07	9.9E+05	
				4.0E-04	I				1			1.4E+09		Aluminum Phosphide	20859-73-8					4.1E+02			4.1E+02	
				3.0E-04	I				1	0.1		1.4E+09		Amdro	67485-29-4					3.1E+02	4.6E+02		1.8E+02	
				9.0E-03	I				1	0.1		1.4E+09		Ametryn	834-12-8					9.2E+03	1.4E+04		5.5E+03	
2.1E+01	C	6.0E-03	C						1	0.1		1.4E+09		Aminobiphenyl, 4-	92-67-1	1.4E-01	2.1E-01	2.8E+03	8.2E-02					
				8.0E-02	P				1	0.1		1.4E+09		Aminophenol, m-	591-27-5					8.2E+04	1.2E+05		4.9E+04	
				2.0E-02	P				1	0.1		1.4E+09		Aminophenol, p-	123-30-8					2.0E+04	3.1E+04		1.2E+04	
				2.5E-03	I				1	0.1		1.4E+09		Amitraz	33089-61-1					2.6E+03	3.9E+03		1.5E+03	
						1.0E-01	I		1					Ammonia	7664-41-7									
				2.0E-01	I				1			1.4E+09		Ammonium Sulfamate	7773-06-0					2.0E+05			2.0E+05	
5.7E-03	I	1.6E-06	C	7.0E-03	P	1.0E-03	I		1	0.1		1.4E+09		Aniline	62-53-3	5.0E+02	7.6E+02	1.0E+07	3.0E+02	7.2E+03	1.1E+04	6.0E+06	4.3E+03	
4.0E-02	P			2.0E-03	X				1	0.1		1.4E+09		Anthraquinone, 9,10-	84-65-1	7.2E+01	1.1E+02		4.3E+01	2.0E+03	3.1E+03		1.2E+03	
				4.0E-04	I					0.15		1.4E+09		Antimony (metallic)	7440-36-0					4.1E+02			4.1E+02	
				5.0E-04	H					0.15		1.4E+09		Antimony Pentoxide	1314-60-9					5.1E+02			5.1E+02	
				9.0E-04	H					0.15		1.4E+09		Antimony Potassium Tartrate	11071-15-1					9.2E+02			9.2E+02	
				4.0E-04	H					0.15		1.4E+09		Antimony Tetroxide	1332-81-6					4.1E+02			4.1E+02	
						2.0E-04	I			0.15		1.4E+09		Antimony Trioxide	1309-64-4							1.2E+06	1.2E+06	
				1.3E-02	I				1	0.1		1.4E+09		Apollo	74115-24-5					1.3E+04	2.0E+04		8.0E+03	
2.5E-02	I	7.1E-06	I	5.0E-02	H				1	0.1		1.4E+09		Aramite	140-57-8	1.1E+02	1.7E+02	2.3E+06	6.9E+01	5.1E+04	7.7E+04		3.1E+04	
1.5E+00	I	4.3E-03	I	3.0E-04	I	1.5E-05	C		1	0.03		1.4E+09		Arsenic, Inorganic	7440-38-2	1.9E+00	9.6E+00	3.9E+03	1.6E+00	3.1E+02	1.5E+03	8.9E+04	2.6E+02	
				3.5E-06	C	5.0E-05	I		1			1.4E+09		Arsine	7784-42-1					3.6E+00		3.0E+05	3.6E+00	
				9.0E-03	I				1	0.1		1.4E+09		Assure	76578-14-8					9.2E+03	1.4E+04		5.5E+03	
				5.0E-02	I				1	0.1		1.4E+09		Asulam	3337-71-1					5.1E+04	7.7E+04		3.1E+04	
2.3E-01	C			3.5E-02	I				1	0.1		1.4E+09		Atrazine	1912-24-9	1.2E+01	1.9E+01		7.5E+00	3.6E+04	5.4E+04		2.2E+04	
8.8E-01	C	2.5E-04	C						1	0.1		1.4E+09		Auramine	492-80-8	3.3E+00	4.9E+00	6.7E+04	2.0E+00					
				4.0E-04	I				1	0.1		1.4E+09		Avermectin B1	65195-55-3					4.1E+02	6.2E+02		2.5E+02	
1.1E-01	I	3.1E-05	I					V	1			1.4E+09	5.6E+05	Azobenzene	103-33-3	2.6E+01		2.2E+02	2.3E+01					
				2.0E-01	I	5.0E-04	H			0.07		1.4E+09		Barium	7440-39-3					2.0E+05		3.0E+06	1.9E+05	
				4.0E-03	I				1	0.1		1.4E+09		Baygon	114-26-1					4.1E+03	6.2E+03		2.5E+03	
				3.0E-02	I				1	0.1		1.4E+09		Bayleton	43121-43-3					3.1E+04	4.6E+04		1.8E+04	
				2.5E-02	I				1	0.1		1.4E+09		Baythroid	68359-37-5					2.6E+04	3.9E+04		1.5E+04	
				3.0E-01	I				1	0.1		1.4E+09		Benefin	1861-40-1					3.1E+05	4.6E+05		1.8E+05	
				5.0E-02	I				1	0.1		1.4E+09		Benomyl	17804-35-2					5.1E+04	7.7E+04		3.1E+04	
				3.0E-02	I				1	0.1		1.4E+09		Bentazon	25057-89-0					3.1E+04	4.6E+04		1.8E+04	
				1.0E-01	I			V	1		1.2E+03	1.4E+09	2.4E+04	Benzaldehyde	100-52-7					1.0E+05			1.0E+05	
5.5E-02	I	7.8E-06	I	4.0E-03	I	3.0E-02	I	V	1		1.8E+03	1.4E+09	3.8E+03	Benzene	71-43-2	5.2E+01		6.0E+00	5.4E+00	4.1E+03		5.0E+02	4.5E+02	
				2.0E-04	X				1	0.1		1.4E+09		Benzenediamine-2-methyl sulfate, 1,4-	6369-59-1					2.0E+02	3.1E+02		1.2E+02	
				1.0E-03	P			V	1		1.3E+03	1.4E+09	2.1E+04	Benzenethiol	108-98-5					1.0E+03			1.0E+03	
2.3E+02	I	6.7E-02	I	3.0E-03	I			M	1	0.1		1.4E+09		Benzidine	92-87-5	1.2E-02	1.9E-02	2.5E+02	7.5E-03	3.1E+03	4.6E+03		1.8E+03	
				4.0E+00	I				1	0.1		1.4E+09		Benzoic Acid	65-85-0					4.1E+06	6.2E+06		2.5E+06	
1.3E+01	I							V	1		3.2E+02	1.4E+09	7.3E+04	Benzotrifluoride	98-07-7	2.2E-01			2.2E-01					
				1.0E-01	P				1	0.1		1.4E+09		Benzyl Alcohol	100-51-6					1.0E+05	1.5E+05		6.2E+04	
1.7E-01	I	4.9E-05	C	2.0E-03	P	1.0E-03	P	V	1		1.5E+03	1.4E+09	2.7E+04	Benzyl Chloride	100-44-7	1.7E+01		6.9E+00	4.9E+00	2.0E+03		1.2E+02	1.1E+02	
		2.4E-03	I	2.0E-03	I	2.0E-05	I			0.007		1.4E+09		Beryllium and compounds	7440-41-7			6.9E+03	6.9E+03	2.0E+03		1.2E+05	2.0E+03	

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Toxicity and Chemical-specific Information																Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day) ⁻¹	k _e v	IUR (ug/m ³ -y ⁻¹)	k _e v	RfD _o (mg/kg-day)	k _e v	RfC _i (mg/m ³)	k _e v	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)		
				1.0E-04	I				1	0.1		1.4E+09		Bidrin	141-66-2					1.0E+02	1.5E+02			6.2E+01	
				9.0E-03	P				1	0.1		1.4E+09		BifenoX	42576-02-3					9.2E+03	1.4E+04			5.5E+03	
				1.5E-02	I				1	0.1		1.4E+09		Biphenethrin	82657-04-3					1.5E+04	2.3E+04			9.2E+03	
8.0E-03	X			5.0E-02	I	4.0E-04	X	V	1		2.1E+02	1.4E+09	1.2E+05	Biphenyl, 1,1'-	92-52-4	3.6E+02			3.6E+02	5.1E+04		2.1E+02	2.1E+02		
7.0E-02	H	1.0E-05	H	4.0E-02	I			V	1		1.0E+03	1.4E+09	3.8E+04	Bis(2-chloro-1-methylethyl) ether	108-60-1	4.1E+01		4.6E+01	2.2E+01	4.1E+04			4.1E+04		
				3.0E-03	P				1	0.1		1.4E+09		Bis(2-chloroethoxy)methane	111-91-1					3.1E+03	4.6E+03			1.8E+03	
1.1E+00	I	3.3E-04	I					V	1		5.1E+03	1.4E+09	4.6E+04	Bis(2-chloroethyl)ether	111-44-4	2.6E+00		1.7E+00	1.0E+00						
1.4E-02	I	2.4E-06	C	2.0E-02	I				1	0.1		1.4E+09		Bis(2-ethylhexyl)phthalate	117-81-7	2.0E+02	3.1E+02	6.9E+06	1.2E+02	2.0E+04	3.1E+04			1.2E+04	
2.2E+02	I	6.2E-02	I					V	1		4.2E+03	1.4E+09	2.0E+03	Bis(chloromethyl)ether	542-88-1	1.3E-02		4.0E-04	3.9E-04						
				5.0E-02	I				1	0.1		1.4E+09		Bisphenol A	80-05-7					5.1E+04	7.7E+04			3.1E+04	
				2.0E-01	I	2.0E-02	H		1			1.4E+09		Boron And Borates Only	7440-42-8					2.0E+05		1.2E+08	2.0E+05		
				4.0E-02	C	1.3E-02	C		1			1.4E+09		Boron Trifluoride	7637-07-2					4.1E+04		7.7E+07	4.1E+04		
7.0E-01	I			4.0E-03	I				1			1.4E+09		Bromate	15541-45-4	4.1E+00			4.1E+00	4.1E+03			4.1E+03		
2.0E+00	X	6.0E-04	X					V	1		2.4E+03	1.4E+09	6.4E+03	Bromo-2-chloroethane, 1-	107-04-0	1.4E+00		1.3E-01	1.2E-01						
				8.0E-03	I	6.0E-02	I	V	1		6.8E+02	1.4E+09	9.0E+03	Bromobenzene	108-86-1					8.2E+03		2.4E+03	1.8E+03		
						4.0E-02	X	V	1		4.0E+03	1.4E+09	3.9E+03	Bromochloromethane	74-97-5						6.8E+02		6.8E+02		
6.2E-02	I	3.7E-05	C	2.0E-02	I			V	1		9.3E+02	1.4E+09	4.3E+03	Bromodichloromethane	75-27-4	4.6E+01		1.4E+00	1.4E+00	2.0E+04			2.0E+04		
7.9E-03	I	1.1E-06	I	2.0E-02	I				1	0.1		1.4E+09		Bromoforn	75-25-2	3.6E+02	5.5E+02	1.5E+07	2.2E+02	2.0E+04	3.1E+04			1.2E+04	
				1.4E-03	I	5.0E-03	I	V	1		3.6E+03	1.4E+09	1.5E+03	Bromomethane	74-83-9					1.4E+03		3.3E+01	3.2E+01		
				5.0E-03	H				1	0.1		1.4E+09		Bromophos	2104-96-3					5.1E+03	7.7E+03			3.1E+03	
				2.0E-02	I				1	0.1		1.4E+09		Bromoxynil	1689-84-5					2.0E+04	3.1E+04			1.2E+04	
				2.0E-02	I				1	0.1		1.4E+09		Bromoxynil Octanoate	1689-99-2					2.0E+04	3.1E+04			1.2E+04	
3.4E+00	C	3.0E-05	I			2.0E-03	I	V	1		6.7E+02	1.4E+09	9.3E+02	Butadiene, 1,3-	106-99-0	8.4E-01		3.8E-01	2.6E-01			8.2E+00	8.2E+00		
				1.0E-01	I				1	0.1		1.4E+09		Butanol, N-	71-36-3					1.0E+05	1.5E+05			6.2E+04	
1.9E-03	P			2.0E-01	I				1	0.1		1.4E+09		Butyl Benzyl Phthlate	85-68-7	1.5E+03	2.3E+03		9.1E+02	2.0E+05	3.1E+05			1.2E+05	
				2.0E+00	P	3.0E+01	P		1	0.1		1.4E+09		Butyl alcohol, sec-	78-92-2					2.0E+06	3.1E+06	1.8E+11		1.2E+06	
				5.0E-02	I				1	0.1		1.4E+09		Butylate	2008-41-5					5.1E+04	7.7E+04			3.1E+04	
2.0E-04	C	5.7E-08	C						1	0.1		1.4E+09		Butylated hydroxyanisole	25013-16-5	1.4E+04	2.2E+04	2.9E+08	8.6E+03						
				5.0E-02	P			V	1		1.1E+02	1.4E+09	8.8E+03	Butylbenzene, n-	104-51-8					5.1E+04			5.1E+04		
				1.0E+00	I				1	0.1		1.4E+09		Butylphthalyl Butylglycolate	85-70-1					1.0E+06	1.5E+06			6.2E+05	
				2.0E-02	A				1	0.1		1.4E+09		Cacodylic Acid	75-60-5					2.0E+04	3.1E+04			1.2E+04	
		1.8E-03	I	1.0E-03	I	2.0E-05	C		0.025	0.001		1.4E+09		Cadmium (Diet)	7440-43-9			9.3E+03	9.3E+03	1.0E+03	3.9E+03	1.2E+05		8.0E+02	
		1.8E-03	I	5.0E-04	I	2.0E-05	C		0.05	0.001		1.4E+09		Cadmium (Water)	7440-43-9										
				5.0E-01	I				1	0.1		1.4E+09		Caprolactam	105-60-2					5.1E+05	7.7E+05			3.1E+05	
1.5E-01	C	4.3E-05	C	2.0E-03	I				1	0.1		1.4E+09		Captafol	2425-06-1	1.9E+01	2.9E+01	3.9E+05	1.1E+01	2.0E+03	3.1E+03			1.2E+03	
2.3E-03	C	6.6E-07	C	1.3E-01	I				1	0.1		1.4E+09		Captan	133-06-2	1.2E+03	1.9E+03	2.5E+07	7.5E+02	1.3E+05	2.0E+05			8.0E+04	
				1.0E-01	I				1	0.1		1.4E+09		Carbaryl	63-25-2					1.0E+05	1.5E+05			6.2E+04	
				5.0E-03	I				1	0.1		1.4E+09		Carbofuran	1563-66-2					5.1E+03	7.7E+03			3.1E+03	
				1.0E-01	I	7.0E-01	I	V	1		7.4E+02	1.4E+09	1.3E+03	Carbon Disulfide	75-15-0					1.0E+05		3.9E+03	3.7E+03		
7.0E-02	I	6.0E-06	I	4.0E-03	I	1.0E-01	I	V	1		4.6E+02	1.4E+09	1.6E+03	Carbon Tetrachloride	56-23-5	4.1E+01		3.3E+00	3.0E+00	4.1E+03		7.0E+02	6.0E+02		
				1.0E-02	I				1	0.1		1.4E+09		Carbosulfan	55285-14-8					1.0E+04	1.5E+04			6.2E+03	
				1.0E-01	I				1	0.1		1.4E+09		Carboxin	5234-68-4					1.0E+05	1.5E+05			6.2E+04	
						9.0E-04	I		1			1.4E+09		Ceric oxide	1306-38-3							5.4E+06		5.4E+06	
				1.0E-01	I				1	0.1		1.4E+09		Chloral Hydrate	302-17-0					1.0E+05	1.5E+05			6.2E+04	
				1.5E-02	I				1	0.1		1.4E+09		Chloramben	133-90-4					1.5E+04	2.3E+04			9.2E+03	
4.0E-01	H								1	0.1		1.4E+09		Chloranil	118-75-2	7.1E+00	1.1E+01		4.3E+00						
3.5E-01	I	1.0E-04	I	5.0E-04	I	7.0E-04	I		1	0.04		1.4E+09		Chlordane	12789-03-6	8.2E+00	3.1E+01	1.7E+05	6.5E+00	5.1E+02	1.9E+03	4.2E+06		4.0E+02	
1.0E+01	I	4.6E-03	C	3.0E-04	I				1	0.1		1.4E+09		Chlordecone (Kepone)	143-50-0	2.9E-01	4.3E-01	3.6E+03	1.7E-01	3.1E+02	4.6E+02			1.8E+02	
				7.0E-04	A				1	0.1		1.4E+09		Chlorfenvinphos	470-90-6					7.2E+02	1.1E+03			4.3E+02	
				2.0E-02	I				1	0.1		1.4E+09		Chlorimuron, Ethyl-	90982-32-4					2.0E+04	3.1E+04			1.2E+04	
				1.0E-01	I	1.5E-04	A		1			1.4E+09		Chlorine	7782-50-5					1.0E+05		8.6E+05	9.1E+04		
				3.0E-02	I	2.0E-04	I		1			1.4E+09		Chlorine Dioxide	10049-04-4					3.1E+04		1.2E+06		3.0E+04	
				3.0E-02	I				1			1.4E+09		Chlorite (Sodium Salt)	7758-19-2					3.1E+04				3.1E+04	
						5.0E+01	I	V	1		1.2E+03	1.4E+09	1.1E+03	Chloro-1,1-difluoroethane, 1-	75-68-3							2.4E+05	2.4E+05		
				3.0E-04	I	2.0E-02	H	2.0E-02	I	V	1	7.5E+02	1.4E+09	1.2E+03	Chloro-1,3-butadiene, 2-	126-99-8			4.7E-02	4.7E-02	2.0E+04	1.0E+02		1.0E+02	
4.6E-01	H								1	0.1		1.4E+09		Chloro-2-methylaniline HCl, 4-	3165-93-3	6.2E+00	9.4E+00		3.7E+00						
1.0E-01	P	7.7E-05	C	3.0E-03	X				1	0.1		1.4E+09		Chloro-2-methylaniline, 4-	95-69-2	2.9E+01	4.3E+01	2.2E+05	1.7E+01	3.1E+03	4.6E+03			1.8E+03	
2.7E-01	X								1	0.1		1.4E+09		Chloroacetaldehyde, 2-	107-20-0	1.1E+01	1.6E+01		6.4E+00						
				2.0E-03	H				1	0.1		1.4E+09		Chloroacetic Acid	79-11-8					2.0E+03	3.1E+03			1.2E+03	
						3.0E-05	I		1	0.1		1.4E+09		Chloroacetophenone, 2-	532-27-4							1.8E+05		1.8E+05	
2.0E-01	P			4.0E-03	I				1	0.1		1.4E+09		Chloroaniline, p-	106-47-8	1.4E+01	2.2E+01		8.6E+00	4.1E+03	6.2E+03			2.5E+03	
				2.0E-02	I	5.0E-02	P	V	1		7.6E+02	1.4E+09	6.9E+03	Chlorobenzene	108-90-7					2.0E+04		1.5E+03	1.4E+03		
1.1E-01	C	3.1E-05	C	2.0E-02	I				1	0.1		1.4E+09		Chlorobenzilate	510-15-6	2.6E+01	3.9E+01	5.4E+05	1.6E+01	2.0E+04	3.1E+04			1.2E+04	
		</																							

Regional Screening Level (RSL) Industrial Soil 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		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1				
SFO (mg/kg-day) ⁻¹	k e y	IUR (ug/m ³ -y) ⁻¹	k e y	RfD _o (mg/kg-day)	k e y	RfC _i (mg/m ³)	k e y	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)	
				4.0E-02	P		V		1		7.3E+02	1.4E+09	1.9E+03	Chlorobutane, 1-	109-69-3						4.1E+04			4.1E+04
						5.0E+01	I	V	1		1.7E+03	1.4E+09	1.0E+03	Chlorodifluoromethane	75-45-6									2.2E+05
3.1E-02	C	2.3E-05	I	1.0E-02	I	9.8E-02	A	V	1		2.5E+03	1.4E+09	2.8E+03	Chloroform	67-66-3	9.2E+01		1.5E+00	1.5E+00	1.0E+04			1.2E+03	1.1E+03
						9.0E-02	I	V	1		1.3E+03	1.4E+09	1.3E+03	Chloromethane	74-87-3								5.0E+02	5.0E+02
2.4E+00	C	6.9E-04	C					V	1		2.6E+04	1.4E+09	5.7E+03	Chloromethyl Methyl Ether	107-30-2	1.2E+00		1.0E-01	9.4E-02					
				8.0E-02	I		V		1		1.8E+02	1.4E+09	8.6E+04	Chloronaphthalene, Beta-	91-58-7					8.2E+04				8.2E+04
3.0E-01	P			3.0E-03	P	1.0E-05	X		1	0.1		1.4E+09		Chloronitrobenzene, o-	88-73-3	9.5E+00	1.4E+01		5.7E+00	3.1E+03	4.6E+03	6.0E+04		1.8E+03
6.3E-03	P			1.0E-03	P	6.0E-04	P		1	0.1		1.4E+09		Chloronitrobenzene, p-	100-00-5	4.5E+02	6.9E+02		2.7E+02	1.0E+03	1.5E+03	3.6E+06		6.2E+02
				5.0E-03	I		V		1		2.2E+04	1.4E+09	1.3E+05	Chlorophenol, 2-	95-57-8					5.1E+03				5.1E+03
3.1E-03	C	8.9E-07	C	1.5E-02	I	4.0E-04	C	V	1	0.1	6.2E+02	1.4E+09	5.0E+03	Chloropicrin	76-06-2									8.8E+00
									1		1.4E+09			Chlorothalonil	1897-45-6	9.2E+02	1.4E+03	1.9E+07	5.6E+02	1.5E+04	2.3E+04			9.2E+03
				2.0E-02	I		V		1		9.1E+02	1.4E+09	8.7E+03	Chlorotoluene, o-	95-49-8					2.0E+04				2.0E+04
2.4E+02	C	6.9E-02	C	2.0E-02	X		V		1	0.1	2.5E+02	1.4E+09	7.9E+03	Chlorotoluene, p-	106-43-4					2.0E+04				2.0E+04
									1		1.4E+09			Chlorozotocin	54749-90-5	1.2E-02	1.8E-02	2.4E+02	7.2E-03					
				2.0E-01	I				1	0.1		1.4E+09		Chlorpropham	101-21-3					2.0E+05	3.1E+05			1.2E+05
				3.0E-03	I				1	0.1		1.4E+09		Chlorpyrifos	2921-88-2					3.1E+03	4.6E+03			1.8E+03
				1.0E-02	H				1	0.1		1.4E+09		Chlorpyrifos Methyl	5598-13-0					1.0E+04	1.5E+04			6.2E+03
				5.0E-02	I				1	0.1		1.4E+09		Chlorsulfuron	64902-72-3					5.1E+04	7.7E+04			3.1E+04
				8.0E-04	H				1	0.1		1.4E+09		Chlorthiophos	60238-56-4					8.2E+02	1.2E+03			4.9E+02
				1.5E+00	I				0.013			1.4E+09		Chromium(III), Insoluble Salts	16065-83-1					1.5E+06				1.5E+06
5.0E-01	J	8.4E-02	S	3.0E-03	I	1.0E-04	I	M	0.025			1.4E+09		Chromium(VI)	18540-29-9	5.7E+00		2.0E+02	5.6E+00	3.1E+03		6.0E+05		3.1E+03
									0.013			1.4E+09		Chromium, Total	7440-47-3									
				9.0E-03	P	3.0E-04	P	6.0E-06	P	1		1.4E+09		Cobalt	7440-48-4			1.9E+03	1.9E+03	3.1E+02		3.6E+04		3.0E+02
				6.2E-04	I			M	1	0.1				Coke Oven Emissions	8007-45-2									
				4.0E-02	H				1			1.4E+09		Copper	7440-50-8					4.1E+04				4.1E+04
				5.0E-02	I	6.0E-01	C		1	0.1		1.4E+09		Cresol, m-	108-39-4					5.1E+04	7.7E+04	3.6E+09		3.1E+04
				5.0E-02	I	6.0E-01	C		1	0.1		1.4E+09		Cresol, o-	95-48-7					5.1E+04	7.7E+04	3.6E+09		3.1E+04
				5.0E-03	H	6.0E-01	C		1	0.1		1.4E+09		Cresol, p-	106-44-5					5.1E+03	7.7E+03	3.6E+09		3.1E+03
				1.0E-01	X				1	0.1		1.4E+09		Cresol, p-chloro-m-	59-50-7					1.0E+05	1.5E+05			6.2E+04
1.9E+00	H			1.0E-01	A	6.0E-01	C	V	1		5.0E+04	1.4E+09	3.3E+05	Cresols	1319-77-3					1.0E+05		8.6E+05		9.1E+04
				1.0E-03	P		V		1		1.7E+04	1.4E+09	2.0E+04	Crotonaldehyde, trans-	123-73-9	1.5E+00			1.5E+00	1.0E+03				1.0E+03
				1.0E-01	I	4.0E-01	I	V	1		2.7E+02	1.4E+09	6.7E+03	Cumene	98-82-8					1.0E+05		1.2E+04		1.1E+04
2.2E-01	C	6.3E-05	C						1	0.1		1.4E+09		Cupferron	135-20-6	1.3E+01	2.0E+01	2.6E+05	7.8E+00					
8.4E-01	H			2.0E-03	H				1	0.1		1.4E+09		Cyanazine	21725-46-2	3.4E+00	5.2E+00		2.1E+00	2.0E+03	3.1E+03			1.2E+03
														Cyanides										
				4.0E-02	I				1			1.4E+09		~Calcium Cyanide	592-01-8					4.1E+04				4.1E+04
				5.0E-03	I				1			1.4E+09		~Copper Cyanide	544-92-3					5.1E+03				5.1E+03
				2.0E-02	I		V		1		1.0E+07	1.4E+09	5.0E+04	~Cyanide (CN-)	57-12-5					2.0E+04				2.0E+04
				4.0E-02	I		V		1			1.4E+09		~Cyanogen	460-19-5					4.1E+04				4.1E+04
				9.0E-02	I		V		1			1.4E+09		~Cyanogen Bromide	506-68-3					9.2E+04				9.2E+04
				5.0E-02	I		V		1			1.4E+09		~Cyanogen Chloride	506-77-4					5.1E+04				5.1E+04
				6.0E-04	I	8.0E-04	I	V	1			1.4E+09		~Hydrogen Cyanide	74-90-8					6.1E+02		4.8E+06		6.1E+02
				5.0E-02	I				1			1.4E+09		~Potassium Cyanide	151-50-8					5.1E+04				5.1E+04
				2.0E-01	I				0.04			1.4E+09		~Potassium Silver Cyanide	506-61-6					2.0E+05				2.0E+05
				1.0E-01	I				0.04			1.4E+09		~Silver Cyanide	506-64-9					1.0E+05				1.0E+05
				4.0E-02	I				1			1.4E+09		~Sodium Cyanide	143-33-9					4.1E+04				4.1E+04
				2.0E-04	P		V		1		4.6E+03	1.4E+09	7.1E+03	~Thiocyanate	463-56-9					2.0E+02				2.0E+02
				5.0E-02	I				1			1.4E+09		~Zinc Cyanide	557-21-1					5.1E+04				5.1E+04
2.3E-02	H					6.0E+00	I	V	1	0.1	1.2E+02	1.4E+09	1.1E+03	Cyclohexane	110-82-7	1.2E+02	1.9E+02		7.5E+01			2.9E+04		2.9E+04
									1			1.4E+09		Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3									
				5.0E+00	I	7.0E-01	P		1	0.1		1.4E+09		Cyclohexanone	108-94-1					5.1E+06	7.7E+06	4.2E+09		3.1E+06
				2.0E-01	I				1	0.1		1.4E+09		Cyclohexylamine	108-91-8					2.0E+05	3.1E+05			1.2E+05
				5.0E-03	I				1	0.1		1.4E+09		Cyhalothrin/karate	68085-85-8					5.1E+03	7.7E+03			3.1E+03
				1.0E-02	I				1	0.1		1.4E+09		Cypermethrin	52315-07-8					1.0E+04	1.5E+04			6.2E+03
2.4E-01	I																							

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Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day) ⁻¹	k _e v	IUR (ug/m ³ -y) ⁻¹	k _e v	RfD _o (mg/kg-day)	k _e v	RfC _i (mg/m ³)	k _e v	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6	Dermal SL TR=1.0E-6	Inhalation SL TR=1.0E-6	Carcinogenic SL TR=1.0E-6	Ingestion SL HQ=1	Dermal SL HQ=1	Inhalation SL HQ=1	Noncarcinogenic SL HI=1
8.0E-01	P	6.0E-03	P	2.0E-04	P	2.0E-04	I	V	M	1	9.8E+02	1.4E+09	3.4E+04	Dibromo-3-chloropropane, 1,2-	96-12-8	3.6E+00		7.0E-02	6.9E-02	2.0E+02		3.0E+01	2.6E+01
8.4E-02	I	2.7E-05	C	1.0E-02	I		V			1	0.1	1.4E+09		Dibromobenzene, 1,4-	106-37-6					1.0E+04	1.5E+04		6.2E+03
				2.0E-02	I		V			1	0.1	8.0E+02	1.4E+09	Dibromochloromethane	124-48-1	3.4E+01	5.2E+01	3.9E+00	3.3E+00	2.0E+04	3.1E+04		1.2E+04
2.0E+00	I	6.0E-04	I	9.0E-03	I	9.0E-03	I	V		1	1.3E+03	1.4E+09	9.3E+03	Dibromoethane, 1,2-	106-93-4	1.4E+00		1.9E-01	1.7E-01	9.2E+03		3.7E+02	3.5E+02
				1.0E-02	H	4.0E-03	X	V		1	2.8E+03	1.4E+09	6.1E+03	Dibromomethane (Methylene Bromide)	74-95-3					1.0E+04		1.1E+02	1.1E+02
				1.0E-01	I					1	0.1	1.4E+09		Dibutyl Phthalate	84-74-2					1.0E+05	1.5E+05		6.2E+04
				3.0E-04	P					1	0.1	1.4E+09		Dibutyltin Compounds	NA					3.1E+02	4.6E+02		1.8E+02
4.2E-03	P			3.0E-02	I		V			1	0.1	1.4E+09		Dicamba	1918-00-9					3.1E+04	4.6E+04		1.8E+04
										1	5.2E+02	1.4E+09	1.2E+04	Dichloro-2-butene, 1,4-	764-41-0			3.5E-02	3.5E-02				
4.2E-03	P						V			1	0.1	5.2E+02	1.4E+09	Dichloro-2-butene, cis-1,4-	1476-11-5			3.5E-02	3.5E-02				
4.2E-03	P						V			1	0.1	7.6E+02	1.4E+09	Dichloro-2-butene, trans-1,4-	110-57-6			3.5E-02	3.5E-02				
5.0E-02	I			4.0E-03	I					1	0.1	1.4E+09		Dichloroacetic Acid	79-43-6	5.7E+01	8.7E+01		3.4E+01	4.1E+03	6.2E+03		2.5E+03
5.4E-03	C	1.1E-05	C	9.0E-02	I	2.0E-01	H	V		1	3.8E+02	1.4E+09	1.3E+04	Dichlorobenzene, 1,2-	95-50-1					9.2E+04		1.1E+04	9.8E+03
4.5E-01	I	3.4E-04	C	7.0E-02	A	8.0E-01	I	V		1		1.4E+09	1.1E+04	Dichlorobenzene, 1,4-	106-46-7	5.3E+02		1.3E+01	1.2E+01	7.2E+04		3.9E+04	2.5E+04
										1	0.1	1.4E+09		Dichlorobenzidine, 3,3'-	91-94-1	6.4E+00	9.6E+00	4.9E+04	3.8E+00				
				9.0E-03	X					1	0.1	1.4E+09		Dichlorobenzophenone, 4,4'-	90-98-2					9.2E+03	1.4E+04		5.5E+03
				2.0E-01	I	1.0E-01	X	V		1	8.5E+02	1.4E+09	9.1E+02	Dichlorodifluoromethane	75-71-8					2.0E+05		4.0E+02	4.0E+02
5.7E-03	C	1.6E-06	C	2.0E-01	P		V			1	1.7E+03	1.4E+09	2.2E+03	Dichloroethane, 1,1-	75-34-3	5.0E+02		1.7E+01	1.7E+01	2.0E+05			2.0E+05
9.1E-02	I	2.6E-05	I	6.0E-03	X	7.0E-03	P	V		1	3.0E+03	1.4E+09	4.9E+03	Dichloroethane, 1,2-	107-06-2	3.1E+01		2.3E+00	2.2E+00	6.1E+03		1.5E+02	1.5E+02
				5.0E-02	I	2.0E-01	I	V		1	1.2E+03	1.4E+09	1.2E+03	Dichloroethylene, 1,1-	75-35-4					5.1E+04	1.1E+03		1.1E+03
				9.0E-03	H		V			1	1.3E+03	1.4E+09	2.7E+03	Dichloroethylene, 1,2- (Mixed Isomers)	540-59-0					9.2E+03			9.2E+03
				2.0E-03	I		V			1	2.4E+03	1.4E+09	2.7E+03	Dichloroethylene, 1,2-cis-	156-59-2					2.0E+03			2.0E+03
				2.0E-02	I	6.0E-02	P	V		1	1.7E+03	1.4E+09	2.7E+03	Dichloroethylene, 1,2-trans-	156-60-5					2.0E+04		7.1E+02	6.9E+02
				3.0E-03	I					1	0.1	1.4E+09		Dichlorophenol, 2,4-	120-83-2					3.1E+03	4.6E+03		1.8E+03
				1.0E-02	I					1	0.05	1.4E+09		Dichlorophenoxy Acetic Acid, 2,4-	94-75-7					1.0E+04	3.1E+04		7.7E+03
				8.0E-03	I					1	0.1	1.4E+09		Dichlorophenoxybutyric Acid, 4-(2,4-	94-82-6					8.2E+03	1.2E+04		4.9E+03
3.6E-02	C	1.0E-05	C	9.0E-02	A	4.0E-03	I	V		1	1.4E+03	1.4E+09	4.1E+03	Dichloropropane, 1,2-	78-87-5	7.9E+01		5.0E+00	4.7E+00	9.2E+04		7.1E+01	7.1E+01
				2.0E-02	P		V			1	1.5E+03	1.4E+09	7.3E+03	Dichloropropane, 1,3-	142-28-9					2.0E+04			2.0E+04
				3.0E-03	I					1	0.1	1.4E+09		Dichloropropanol, 2,3-	616-23-9					3.1E+03	4.6E+03		1.8E+03
1.0E-01	I	4.0E-06	I	3.0E-02	I	2.0E-02	I	V		1	1.6E+03	1.4E+09	3.8E+03	Dichloropropene, 1,3-	542-75-6	2.9E+01		1.2E+01	8.3E+00	3.1E+04		3.4E+02	3.3E+02
2.9E-01	I	8.3E-05	C	5.0E-04	I	5.0E-04	I			1	0.1	1.4E+09		Dichlorvos	62-73-7	9.9E+00	1.5E+01	2.0E+05	5.9E+00	5.1E+02	7.7E+02	3.0E+06	3.1E+02
				8.0E-03	P	7.0E-03	P	V		1	1.3E+02	1.4E+09	4.4E+03	Dicyclopentadiene	77-73-6					8.2E+03		1.4E+02	1.3E+02
1.6E+01	I	4.6E-03	I	5.0E-05	I					1	0.1	1.4E+09		Dieldrin	60-57-1	1.8E-01	2.7E-01	3.6E+03	1.1E-01	5.1E+01	7.7E+01		3.1E+01
				3.0E-04	C					1	0.1			Diesel Engine Exhaust	NA								
						3.0E-03	C			1	0.1	1.4E+09		Diethanolamine	111-42-2							1.8E+07	1.8E+07
				8.0E-01	I					1	0.1	1.4E+09		Diethyl Phthalate	84-66-2					8.2E+05	1.2E+06		4.9E+05
				3.0E-02	P	1.0E-04	P			1	0.1	1.4E+09		Diethylene Glycol Monobutyl Ether	112-34-5					3.1E+04	4.6E+04	6.0E+05	1.8E+04
				6.0E-02	P	3.0E-04	P			1	0.1	1.4E+09		Diethylene Glycol Monoethyl Ether	111-90-0					6.1E+04	9.3E+04	1.8E+06	3.6E+04
				1.0E-03	P					1	0.1	1.4E+09		Diethylformamide	617-84-5					1.0E+03	1.5E+03		6.2E+02
3.5E+02	C	1.0E-01	C							1	0.1	1.4E+09		Diethylstilbestrol	56-53-1	8.2E-03	1.2E-02	1.7E+02	4.9E-03				
				8.0E-02	I					1	0.1	1.4E+09		Difenzoquat	43222-48-6					8.2E+04	1.2E+05		4.9E+04
				2.0E-02	I					1	0.1	1.4E+09		Diflubenzuron	35367-38-5					2.0E+04	3.1E+04		1.2E+04
4.4E-02	C	1.3E-05	C			4.0E+01	I	V		1	1.4E+03	1.4E+09	1.2E+03	Difluoroethane, 1,1-	75-37-6	6.5E+01	9.9E+01	1.3E+06	3.9E+01			2.2E+05	2.2E+05
						7.0E-01	P	V		1	2.3E+03	1.4E+09	3.3E+03	Dihydrosafrole	94-58-6							1.0E+04	1.0E+04
				8.0E-02	I		V			1	5.3E+02	1.4E+09	3.1E+04	Diisopropyl Ether	108-20-3								
				2.0E-02	I					1	0.1	1.4E+09		Diisopropyl Methylphosphonate	1445-75-6					8.2E+04			8.2E+04
				2.0E-04	I					1	0.1	1.4E+09		Dimethipin	55290-64-7					2.0E+04	3.1E+04		1.2E+04
										1	0.1	1.4E+09		Dimethoate	60-51-5					2.0E+02	3.1E+02		1.2E+02
1.4E-02	H									1	0.1	1.4E+09		Dimethoxybenzidine, 3,3'-	119-90-4	2.0E+02	3.1E+02		1.2E+02				
1.7E-03	P			6.0E-02	P					1	0.1	1.4E+09		Dimethyl methylphosphonate	756-79-6	1.7E+03	2.6E+03		1.0E+03	6.1E+04	9.3E+04		3.7E+04
4.6E+00	C	1.3E-03	C							1	0.1	1.4E+09		Dimethylamino azobenzene [p-]	60-11-7	6.2E-01	9.4E-01	1.3E+04	3.7E-01				
5.8E-01	H									1	0.1	1.4E+09		Dimethylaniline HCl, 2,4-	21436-96-4	4.9E+00	7.5E+00		3.0E+00				
2.0E-01	P			2.0E-03	X					1	0.1	1.4E+09		Dimethylaniline, 2,4-	95-68-1	1.4E+01	2.2E+01		8.6E+00	2.0E+03	3.1E+03		1.2E+03
				2.0E-03	I		V			1	8.3E+02	1.4E+09	3.4E+04	Dimethylaniline, N,N-	121-69-7					2.0E+03			2.0E+03
1.1E+01	P									1	0.1	1.4E+09		Dimethylbenzidine, 3,3'-	119-93-7	2.6E-01	3.9E-01		1.6E-01				
				1.0E-01	P	3.0E-02	I			1	0.1	1.4E+09		Dimethylformamide	68-12-2					1.0E+05	1.5E+05	1.8E+08	6.2E+04
				1.0E-04	X	2.0E-06	X			1	0.1	1.4E+09		Dimethylhydrazine, 1,1-	57-14-7					1.0E+02	1.5E+02	1.2E+04	6.1E+01
5.5E+02	C	1.6E-01	C							1	0.1	1.4E+09		Dimethylhydrazine, 1,2-	540-73-8	5.2E-03	7.9E-03	1.0E+02	3.1E-03				
				2.0E-02	I					1	0.1	1.4E+09		Dimethylphenol, 2,4-	105-67-9					2.0E+04	3.1E+04		1.2E+04
				6.0E-04	I					1	0.1	1.4E+09		Dimethylphenol, 2,6-	576-26-1					6.1E+02	9.3E+02		3.7E+02
				1.0E-03	I					1	0.1	1.4E+09		Dimethylphenol, 3,4-	95-65-8					1.0E+03	1.5E+03		6.2E+02
				1.0E-01	I		V			1	5.5E+00	1.4E+09	2.3E+04	Dimethylterephthalate	120-61-6					1.0E+05			1.0E+05
4.5E-02	C	1.3E-05	C							1	0.1	1.4E+09		Dimethylvinylchloride	513-37-1	6.4E+01	9.6E+01	1.3E+06	3.8E+01				
				8.0E-05	X					1	0.1	1.4E+09		Dinitro-o-cresol, 4,6-	534-52-1					8.2E+01	1.2E+02		

Regional Screening Level (RSL) Industrial Soil 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		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1								
SFO (mg/kg-day) ⁻¹	k _e y	IUR (ug/m ³ -y) ⁻¹	k _e y	RfD _o (mg/kg-day)	k _e y	RfC _i (mg/m ³)	k _e y	v _c	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)	
		1.0E-04	P							1	0.1		1.4E+09		Dinitrobenzene, 1,2-	528-29-0						1.0E+02	1.5E+02		6.2E+01
		1.0E-04	I							1	0.1		1.4E+09		Dinitrobenzene, 1,3-	99-65-0						1.0E+02	1.5E+02		6.2E+01
		1.0E-04	P							1	0.1		1.4E+09		Dinitrobenzene, 1,4-	100-25-4						1.0E+02	1.5E+02		6.2E+01
		2.0E-03	I							1	0.1		1.4E+09		Dinitrophenol, 2,4-	51-28-5						2.0E+03	3.1E+03		1.2E+03
6.8E-01	I									1	0.1		1.4E+09		Dinitrotoluene Mixture, 2,4/2,6-	25321-14-6	4.2E+00	6.4E+00		2.5E+00					
3.1E-01	C	8.9E-05	C	2.0E-03	I					1	0.102		1.4E+09		Dinitrotoluene, 2,4-	121-14-2	9.2E+00	1.4E+01	1.9E+05	5.5E+00		2.0E+03	3.0E+03		1.2E+03
		1.0E-03	P							1	0.099		1.4E+09		Dinitrotoluene, 2,6-	606-20-2						1.0E+03	1.6E+03		6.2E+02
		2.0E-03	S							1	0.006		1.4E+09		Dinitrotoluene, 2-Amino-4,6-	35572-78-2						2.0E+03	5.2E+04		2.0E+03
		2.0E-03	S							1	0.009		1.4E+09		Dinitrotoluene, 4-Amino-2,6-	19406-51-0						2.0E+03	3.4E+04		1.9E+03
		1.0E-03	I							1	0.1		1.4E+09		Dinoseb	88-85-7						1.0E+03	1.5E+03		6.2E+02
1.0E-01	I	7.7E-06	C	3.0E-02	I	3.0E+00	C			1	0.1		1.4E+09		Dioxane, 1,4-	123-91-1	2.9E+01	4.3E+01	2.2E+06	1.7E+01		3.1E+04	4.6E+04	1.8E+10	1.8E+04
6.2E+03	I	1.3E+00	I							1	0.03		1.4E+09		Dioxins ~Hexachlorodibenzo-p-dioxin, Mixture	NA	4.6E-04	2.3E-03	1.3E+01	3.9E-04					
1.3E+05	C	3.8E+01	C	1.0E-09	A	4.0E-08	C			1	0.03		1.4E+09		~TCDD, 2,3,7,8-	1746-01-6	2.2E-05	1.1E-04	4.4E-01	1.8E-05		1.0E-03	5.2E-03	2.4E+02	8.5E-04
		3.0E-02	I							1	0.1		1.4E+09		Diphenamid	957-51-7						3.1E+04	4.6E+04		1.8E+04
		8.0E-04	X							1	0.1		1.4E+09		Diphenyl Sulfone	127-63-9						8.2E+02	1.2E+03		4.9E+02
		2.5E-02	I							1	0.1		1.4E+09		Diphenylamine	122-39-4						2.6E+04	3.9E+04		1.5E+04
8.0E-01	I	2.2E-04	I							1	0.1		1.4E+09		Diphenylhydrazine, 1,2-	122-66-7	3.6E+00	5.4E+00	7.6E+04	2.2E+00					
		2.2E-03	I							1	0.1		1.4E+09		Diquat	85-00-7						2.2E+03	3.4E+03		1.4E+03
7.4E+00	C	2.1E-03	C							1	0.1		1.4E+09		Direct Black 38	1937-37-7	3.9E-01	5.9E-01	7.9E+03	2.3E-01					
7.4E+00	C	2.1E-03	C							1	0.1		1.4E+09		Direct Blue 6	2602-46-2	3.9E-01	5.9E-01	7.9E+03	2.3E-01					
6.7E+00	C	1.9E-03	C							1	0.1		1.4E+09		Direct Brown 95	16071-86-6	4.3E-01	6.5E-01	8.8E+03	2.6E-01					
		4.0E-05	I							1	0.1		1.4E+09		Disulfoton	298-04-4						4.1E+01	6.2E+01		2.5E+01
		1.0E-02	I							1	0.1		1.4E+09		Dithiane, 1,4-	505-29-3						1.0E+04	1.5E+04		6.2E+03
		2.0E-03	I							1	0.1		1.4E+09		Diuron	330-54-1						2.0E+03	3.1E+03		1.2E+03
		4.0E-03	I							1	0.1		1.4E+09		Dodine	2439-10-3						4.1E+03	6.2E+03		2.5E+03
		2.5E-02	I					V		1		4.1E+02	1.4E+09	1.3E+05	EPTC	759-94-4						2.6E+04	2.6E+04		2.6E+04
		6.0E-03	I							1	0.1		1.4E+09		Endosulfan	115-29-7						6.1E+03	9.3E+03		3.7E+03
		2.0E-02	I							1	0.1		1.4E+09		Endothall	145-73-3						2.0E+04	3.1E+04		1.2E+04
		3.0E-04	I							1	0.1		1.4E+09		Endrin	72-20-8						3.1E+02	4.6E+02		1.8E+02
9.9E-03	I	1.2E-06	I	6.0E-03	P	1.0E-03	I	V		1		1.1E+04	1.4E+09	2.0E+04	Epichlorohydrin	106-89-8	2.9E+02		2.1E+02	1.2E+02		6.1E+03		8.9E+01	8.8E+01
		2.0E-02	I	V						1		1.5E+04	1.4E+09	8.2E+03	Epoxybutane, 1,2-	106-88-7								7.2E+02	7.2E+02
		5.0E-03	I							1	0.1		1.4E+09		Ethephon	16672-87-0						5.1E+03	7.7E+03		3.1E+03
		5.0E-04	I							1	0.1		1.4E+09		Ethion	563-12-2						5.1E+02	7.7E+02		3.1E+02
		1.0E-01	P	6.0E-02	P					1	0.1		1.4E+09		Ethoxyethanol Acetate, 2-	111-15-9						1.0E+05	1.5E+05	3.6E+08	6.2E+04
		4.0E-01	H	2.0E-01	I					1	0.1		1.4E+09		Ethoxyethanol, 2-	110-80-5						4.1E+05	6.2E+05	1.2E+09	2.5E+05
		9.0E-01	I					V		1		1.1E+04	1.4E+09	9.3E+03	Ethyl Acetate	141-78-6						9.2E+05			9.2E+05
4.8E-02	H							V		1		2.5E+03	1.4E+09	6.8E+03	Ethyl Acrylate	140-88-5	6.0E+01			6.0E+01					
				1.0E+01	I	V				1		2.1E+03	1.4E+09	1.4E+03	Ethyl Chloride	75-00-3								6.1E+04	6.1E+04
		2.0E-01	I					V		1		1.0E+04	1.4E+09	3.4E+03	Ethyl Ether	60-29-7						2.0E+05			2.0E+05
		9.0E-02	H	3.0E-01	P	V				1		1.1E+03	1.4E+09	6.2E+03	Ethyl Methacrylate	97-63-2						9.2E+04		8.2E+03	7.5E+03
		1.0E-05	I							1	0.1		1.4E+09		Ethyl-p-nitrophenyl Phosphonate	2104-64-5						1.0E+01	1.5E+01		6.2E+00
1.1E-02	C	2.5E-06	C	1.0E-01	I	1.0E+00	I	V		1		4.8E+02	1.4E+09	6.1E+03	Ethylbenzene	100-41-4	2.6E+02		3.0E+01	2.7E+01		1.0E+05		2.7E+04	2.1E+04
		3.0E-02	P							1	0.1		1.4E+09		Ethylene Cyanohydrin	109-78-4						3.1E+04	4.6E+04		1.8E+04
		9.0E-02	P							1	0.1		1.4E+09		Ethylene Diamine	107-15-3						9.2E+04	1.4E+05		5.5E+04
		2.0E+00	I	4.0E-01	C					1	0.1		1.4E+09		Ethylene Glycol	107-21-1						2.0E+06	3.1E+06	2.4E+09	1.2E+06
		1.0E-01	I	1.6E+00	I					1	0.1		1.4E+09		Ethylene Glycol Monobutyl Ether	111-76-2						1.0E+05	1.5E+05	9.5E+09	6.2E+04
3.1E-01	C	8.8E-05	C			3.0E-02	C	V		1		1.2E+05	1.4E+09	6.6E+03	Ethylene Oxide	75-21-8	9.2E+00		9.1E-01	8.3E-01					8.6E+02
4.5E-02	C	1.3E-05	C	8.0E-05	I					1	0.1		1.4E+09		Ethylene Thiourea	96-45-7	6.4E+01	9.6E+01	1.3E+06	3.8E+01		8.2E+01	1.2E+02		4.9E+01
6.5E+01	C	1.9E-02	C							1	0.1		1.4E+09		Ethyleneimine	151-56-4	4.4E-02	6.7E-02	8.8E+02	2.7E-02					
		3.0E+00	I							1	0.1		1.4E+09		Ethylphthalyl Ethyl Glycolate	84-72-0						3.1E+06	4.6E+06		1.8E+06
		8.0E-03	I							1	0.1		1.4E+09		Express	101200-48-0						8.2E+03	1.2E+04		4.9E+03
		2.5E-04	I							1	0.1		1.4E+09		Fenamiphos	22224-92-6						2.6E+02	3.9E+02		1.5E+02
		2.5E-02	I							1	0.1		1.4E+09		Fenpropathrin	39515-41-8						2.6E+04	3.9E+04		1.5E+04
		1.3E-02	I							1	0.1		1.4E+09		Fluometuron	2164-17-2						1.3E+04	2.0E+04		8.0E+03
		4.0E-02	C	1.3E-02	C					1			1.4E+09		Fluoride	16984-48-8						4.1E+04		7.7E+07	4.1E+04
		6.0E-02	I	1.3E-02	C					1			1.4E+09		Fluorine (Soluble Fluoride)	7782-41-4						6.1E+04		7.7E+07	6.1E+04
		8.0E-02	I							1	0.1		1.4E+09		Fluridone	59756-60-4						8.2E+04	1.2E+05		

Regional Screening Level (RSL) Industrial Soil Table June 2011

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Toxicity and Chemical-specific Information														Contaminant				Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1				
SFO (mg/kg-day) ⁻¹	k _e y	IUR (ug/m ³ -y) ⁻¹	k _e y	RfD _o (mg/kg-day)	k _e y	RfC _i (mg/m ³)	k _e y	o y	c y	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)	
				9.0E-01 3.0E+00	P I	3.0E-04 I	X I				1 1	0.1 0.1		1.4E+09 1.4E+09			Formic Acid Fosetyl-AL	64-18-6 39148-24-8					9.2E+05 3.1E+06	1.4E+06 4.6E+06	1.8E+06 1.8E+06	4.2E+05 1.8E+06
				1.0E-03 1.0E-03	X I		V V				1 1		1.7E+02 6.2E+03	1.4E+09 1.4E+09	2.1E+05 2.8E+03		Furans ~Dibenzofuran ~Furan	132-64-9 110-00-9					1.0E+03 1.0E+03			1.0E+03 1.0E+03
3.8E+00	H			3.0E-03	I	5.0E-02	H				1 1	0.1 0.1		1.4E+09 1.4E+09			Furazolidone Furfural Furium	67-45-8 98-01-1 531-82-8	7.5E-01 1.1E+00			4.5E-01	3.1E+03	4.6E+03	3.0E+08	1.8E+03
1.5E+00	C	4.3E-04	C								1 1	0.1 0.1		1.4E+09 1.4E+09			Furmecyclox Glufosinate, Ammonium Glutaraldehyde	60568-05-0 77182-82-2 111-30-8	9.5E+01 1.4E+02 1.9E+06			5.7E+01	4.1E+02	6.2E+02	4.8E+05	2.5E+02 4.8E+05
3.0E-02	I	8.6E-06	C	4.0E-04 8.0E-05	I C						1 1	0.1 0.1		1.4E+09 1.4E+09			Glycidyl Glyphosate Goal	765-34-4 1071-83-6 42874-03-3					4.1E+02 1.0E+05 3.1E+03	6.2E+02 1.5E+05 4.6E+03	6.0E+06 6.0E+06	2.5E+02 6.2E+04 1.8E+03
				3.0E-03 5.0E-05 1.3E-02	A I I	1.0E-02 I I	A I I				1 1 1	0.1 0.1 0.1		1.4E+09 1.4E+09 1.4E+09			Guthion Haloxypof, Methyl Harmony	86-50-0 69806-40-2 79277-27-3					3.1E+03 5.1E+01 1.3E+04	4.6E+03 7.7E+01 2.0E+04	6.0E+07 3.1E+01 8.0E+03	1.8E+03 3.1E+01 8.0E+03
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		1.4E+09 1.4E+09 1.4E+09			Heptachlor Heptachlor Epoxide Hexabromobenzene	76-44-8 1024-57-3 87-82-1	6.4E-01 3.1E-01	9.6E-01 4.8E-01	1.3E+04 6.4E+03	3.8E-01 1.9E-01	5.1E+02 1.3E+01 2.0E+03	7.7E+02 2.0E+01 3.1E+03		3.1E+02 8.0E+00 1.2E+03
1.6E+00 7.8E-02	I I	4.6E-04 2.2E-05	I I	2.0E-04 I	I P						1 1	0.1 0.1		1.4E+09 1.4E+09			Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153) Hexachlorobenzene Hexachlorobutadiene	68631-49-2 118-74-1 87-68-3	1.8E+00 3.7E+01	2.7E+00 5.6E+01	3.6E+04 7.6E+05	1.1E+00 2.2E+01	2.0E+02 8.2E+02 1.0E+03	3.1E+02 1.2E+03 1.5E+03		1.2E+02 4.9E+02 6.2E+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 I 3.0E-04	A I I						1 1 1	0.1 0.1 0.04		1.4E+09 1.4E+09 1.4E+09			Hexachlorocyclohexane, Alpha- Hexachlorocyclohexane, Beta- Hexachlorocyclohexane, Gamma- (Lindane)	319-84-6 319-85-7 58-89-9	4.5E-01 1.6E+00 2.6E+00	6.9E-01 2.4E+00 9.9E+00	9.3E+03 3.1E+04 5.4E+04	2.7E-01 9.6E-01 2.1E+00	8.2E+03 1.2E+03 3.1E+02	1.2E+04 1.2E+03 1.2E+03		4.9E+03 2.4E+02
1.8E+00	I	5.1E-04	I	6.0E-03 3.0E-04	I I	2.0E-04 I	I I				1 1	0.1 0.1		1.4E+09 1.4E+09			Hexachlorocyclohexane, Technical Hexachlorocyclopentadiene Hexachloroethane	608-73-1 77-47-4 67-72-1	1.6E+00 2.0E+02	2.4E+00 3.1E+02	3.3E+04 4.2E+06	9.6E-01 1.2E+02	6.1E+03 1.0E+03	9.3E+03 1.5E+03	1.2E+06 1.2E+06	3.7E+03 6.2E+02
1.1E-01	I			3.0E-04 3.0E-03	I I						1 1	0.1 0.015		1.4E+09 1.4E+09			Hexachlorophene Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX) Hexamethylene Diisocyanate, 1,6-	70-30-4 121-82-4 822-06-0	2.6E+01 2.6E+02			2.4E+01	3.1E+02 3.1E+03	4.6E+02 3.1E+04		1.8E+02 2.8E+03 1.4E+01
				6.0E-02 2.0E+00 5.0E-03	H P I	7.0E-01 I 3.0E-02	I I I	V P V			1 1 1		1.4E+02 1.4E+09 3.3E+03	1.4E+09 1.4E+09 1.4E+04	8.9E+02		Hexane, N- Hexanedioic Acid Hexanone, 2-	110-54-3 124-04-9 591-78-6					6.1E+04 2.0E+06 5.1E+03	2.7E+03 3.1E+06 1.9E+03	2.6E+03 1.2E+06 1.4E+03	
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 1.4E+09		1.4E+09 1.4E+09			Hexazinone Hydrazine Hydrazine Sulfate	51235-04-2 302-01-2 10034-93-2	9.5E-01 9.5E-01		3.4E+03 3.4E+03	9.5E-01 9.5E-01	3.4E+04 5.1E+04		1.8E+05 2.0E+04	
				2.0E-02 4.0E-02 2.0E-03	I C C	I C I					1 1 1		1.4E+09 1.4E+09 1.4E+09			Hydrogen Chloride Hydrogen Fluoride Hydrogen Sulfide	7647-01-0 7664-39-3 7783-06-4					4.1E+04			1.2E+08 8.3E+07 1.2E+07	
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		1.4E+09 1.4E+09 1.4E+09			Hydroquinone Imazalil Imazaquin	123-31-9 35554-44-0 81335-37-7	4.8E+01 7.2E+01			2.9E+01	4.1E+04 1.3E+04 2.6E+05	6.2E+04 2.0E+04 3.9E+05		2.5E+04 8.0E+03 1.5E+05
				1.0E-02 4.0E-02 7.0E-01	A I P						1 1 1		1.4E+09 1.4E+09 1.4E+09			Iodine Iprodione Iron	7553-56-2 36734-19-7 7439-89-6					1.0E+04 4.1E+04 7.2E+05			1.0E+04 2.5E+04 7.2E+05	
9.5E-04	I			3.0E-01 2.0E-01 1.5E-02	I I I		V C I				1 1 1		1.0E+04 1.4E+09 1.4E+09	1.4E+09 1.4E+09 1.4E+09	3.0E+04		Isobutyl Alcohol Isophorone Isopropalin	78-83-1 78-59-1 33820-53-0	3.0E+03	4.6E+03		1.8E+03	3.1E+05 2.0E+05 1.5E+04			3.1E+05 1.2E+05 9.2E+03
				1.0E-01 5.0E-02	I I	7.0E+00 I	C I				1 1	0.1 0.1		1.4E+09 1.4E+09			Isopropanol Isopropyl Methyl Phosphonic Acid Isoxaben	67-63-0 1832-54-8 82558-50-7					4.2E+10			4.2E+10 6.2E+04 3.1E+04
				7.5E-02 2.0E-03	I I	3.0E-01 A	V I				1 1	0.1 0.1		1.4E+09 1.4E+09			JP-7 Kerb Lactofen	NA 23950-58-5 77501-63-4					7.7E+04 2.0E+03	1.2E+05 3.1E+03	1.8E+09	1.8E+09 4.6E+04 1.2E+03
2.8E-01	C	8.0E-05	C								1 1	0.1 1.4E+09		1.4E+09 1.4E+09			Lead Compounds ~Lead acetate ~Lead and Compounds	301-04-2 7439-92-1	1.0E+01 1.5E+01	2.1E+05 2.1E+05	6.2E+00 6.2E+00				8.0E+02	
3.8E-02	C	1.1E-05	C	1.0E-07 2.0E-03	I I						1 1	0.1 0.1		1.4E+09 1.4E+09			~Lead subacetate ~Tetraethyl Lead Linuron	1335-32-6 78-00-2 330-55-2	7.5E+01 1.1E+02	1.5E+06 1.5E+06	4.5E+01 4.5E+01		1.0E-01 2.0E+03	1.5E-01 3.1E+03		6.2E-02 1.2E+03
				2.0E-03 2.0E-01 5.0E-04	P I I						1 1 1	0.1 0.1 0.1		1.4E+09 1.4E+09 1.4E+09			Lithium Londax MCPA	7439-93-2 83055-99-6 94-74-6					2.0E+03 2.0E+05 5.1E+02			2.0E+03 1.2E+05 3.1E+02

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Toxicity and Chemical-specific Information														Contaminant				Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1				
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	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)			
				1.0E-02	I					1	0.1		1.4E+09	MCPB	94-81-5						1.0E+04	1.5E+04		6.2E+03		
				1.0E-03	I					1	0.1		1.4E+09	MCPP	93-65-2						1.0E+03	1.5E+03		6.2E+02		
				2.0E-02	I					1	0.1		1.4E+09	Malathion	121-75-5						2.0E+04	3.1E+04		1.2E+04		
				1.0E-01	I	7.0E-04	C			1	0.1		1.4E+09	Maleic Anhydride	108-31-6						1.0E+05	1.5E+05	4.2E+06	6.1E+04		
				5.0E-01	I					1	0.1		1.4E+09	Maleic Hydrazide	123-33-1						5.1E+05	7.7E+05		3.1E+05		
				1.0E-04	P					1	0.1		1.4E+09	Malononitrile	109-77-3						1.0E+02	1.5E+02		6.2E+01		
				3.0E-02	H					1	0.1		1.4E+09	Mancozeb	8018-01-7						3.1E+04	4.6E+04		1.8E+04		
				5.0E-03	I					1	0.1		1.4E+09	Maneb	12427-38-2						5.1E+03	7.7E+03		3.1E+03		
				1.4E-01	I	5.0E-05	I			1				Manganese (Diet)	7439-96-5											
				2.4E-02	S	5.0E-05	I		0.04				1.4E+09	Manganese (Non-diet)	7439-96-5						2.5E+04		3.0E+05	2.3E+04		
				9.0E-05	H					1	0.1		1.4E+09	Mephosfolan	950-10-7						9.2E+01	1.4E+02		5.5E+01		
				3.0E-02	I					1	0.1		1.4E+09	Mepiquat Chloride	24307-26-4						3.1E+04	4.6E+04		1.8E+04		
				3.0E-04	I	3.0E-05	C		0.07				1.4E+09	Mercury Compounds		7487-94-7					3.1E+02		1.8E+05	3.1E+02		
						3.0E-04	I V		1		3.1E+00		3.2E+04	~Mercuric Chloride (and other Mercury salts)		7439-97-6						4.3E+01		4.3E+01		
				1.0E-04	I					1			1.4E+09	~Methyl Mercury	22967-92-6						1.0E+02			1.0E+02		
				8.0E-05	I					1	0.1		1.4E+09	~Phenylmercuric Acetate	62-38-4						8.2E+01	1.2E+02		4.9E+01		
				3.0E-05	I					1	0.1		1.4E+09	Merphos	150-50-5						3.1E+01	4.6E+01		1.8E+01		
				3.0E-05	I					1	0.1		1.4E+09	Merphos Oxide	78-48-8						3.1E+01	4.6E+01		1.8E+01		
				6.0E-02	I					1	0.1		1.4E+09	Metalaxyl	57837-19-1						6.1E+04	9.3E+04		3.7E+04		
				1.0E-04	I	7.0E-04	H V		1		4.6E+03		7.3E+03	Methacrylonitrile	126-98-7						1.0E+02		2.2E+01	1.8E+01		
				5.0E-05	I					1	0.1		1.4E+09	Methamidophos	10265-92-6						5.1E+01	7.7E+01		3.1E+01		
				5.0E-01	I	4.0E+00	C			1	0.1		1.4E+09	Methanol	67-56-1						5.1E+05	7.7E+05	2.4E+10	3.1E+05		
				1.0E-03	I					1	0.1		1.4E+09	Methidathion	950-37-8						1.0E+03	1.5E+03		6.2E+02		
4.9E-02	C	1.4E-05	C	2.5E-02	I					1	0.1		1.4E+09	Methomyl	16752-77-5						2.6E+04	3.9E+04		1.5E+04		
				5.0E-03	I					1	0.1		1.4E+09	Methoxy-5-nitroaniline, 2-	99-59-2	5.8E+01	8.8E+01	1.2E+06	3.5E+01		5.1E+03	7.7E+03		3.1E+03		
										1	0.1		1.4E+09	Methoxychlor	72-43-5											
				8.0E-03	P	1.0E-03	P			1	0.1		1.4E+09	Methoxyethanol Acetate, 2-	110-49-6						8.2E+03	1.2E+04	6.0E+06	4.9E+03		
				5.0E-03	P	2.0E-02	I			1	0.1		1.4E+09	Methoxyethanol, 2-	109-86-4						5.1E+03	7.7E+03	1.2E+08	3.1E+03		
				1.0E+00	X			V	1		2.9E+04		8.7E+03	Methyl Acetate	79-20-9						1.0E+06			1.0E+06		
				3.0E-02	H			V	1		6.8E+03		7.5E+03	Methyl Acrylate	96-33-3						3.1E+04			3.1E+04		
				6.0E-01	I	5.0E+00	I V		1		2.8E+04		1.3E+04	Methyl Ethyl Ketone (2-Butanone)	78-93-3						6.1E+05		2.9E+05	2.0E+05		
1.0E-03	X			1.0E-03	P	2.0E-05	X		1	0.1			1.4E+09	Methyl Hydrazine	60-34-4			1.7E+04	1.7E+04		1.0E+03	1.5E+03	1.2E+05	6.1E+02		
				8.0E-02	H	3.0E+00	I V		1		3.4E+03		1.1E+04	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1						8.2E+04		1.5E+05	5.3E+04		
						1.0E-03	C		1	0.1			1.4E+09	Methyl Isocyanate	624-83-9								6.0E+06	6.0E+06		
				1.4E+00	I	7.0E-01	I V		1		2.4E+03		6.8E+03	Methyl Methacrylate	80-62-6						1.4E+06		2.1E+04	2.1E+04		
				2.5E-04	I					1	0.1		1.4E+09	Methyl Parathion	298-00-0						2.6E+02	3.9E+02		1.5E+02		
				6.0E-02	X					1	0.1		1.4E+09	Methyl Phosphonic Acid	993-13-5						6.1E+04	9.3E+04		3.7E+04		
				6.0E-03	H	4.0E-02	H V		1		3.8E+02		1.2E+04	Methyl Styrene (Mixed Isomers)	25013-15-4						6.1E+03		2.2E+03	1.6E+03		
9.9E-02	C	2.8E-05	C							1	0.1		1.4E+09	Methyl methanesulfonate	66-27-3	2.9E+01	4.4E+01	6.0E+05	1.7E+01							
1.8E-03	C	2.6E-07	C			3.0E+00	I V		1		8.9E+03		5.3E+03	Methyl tert-Butyl Ether (MTBE)	1634-04-4	1.6E+03		2.5E+02	2.2E+02			6.9E+04		6.9E+04		
				2.0E-04	X				1	0.1			1.4E+09	Methyl-1,4-benzenediamine dihydrochloride, 2-	615-45-2						2.0E+02	3.1E+02		1.2E+02		
9.0E-03	P			2.0E-02	X				1	0.1			1.4E+09	Methyl-5-Nitroaniline, 2-	99-55-8	3.2E+02	4.8E+02		1.9E+02	2.0E+04	3.1E+04			1.2E+04		
8.3E+00	C	2.4E-03	C						1	0.1			1.4E+09	Methyl-N-nitro-N-nitrosoguanidine, N-	70-25-7	3.4E-01	5.2E-01	6.9E+03	2.1E-01							
1.3E-01	C	3.7E-05	C						1	0.1			1.4E+09	Methylaniline Hydrochloride, 2-	636-21-5	2.2E+01	3.3E+01	4.5E+05	1.3E+01							
				1.0E-02	A					1	0.1		1.4E+09	Methylarsonic acid	124-58-3						1.0E+04	1.5E+04		6.2E+03		
				2.0E-04	X					1	0.1		1.4E+09	Methylbenzene,1-4-diamine monohydrochloride, 2-	74612-12-7						2.0E+02	3.1E+02		1.2E+02		
				2.0E-04	X					1	0.1		1.4E+09	Methylbenzene-1,4-diamine sulfate, 2-	615-50-9						2.0E+02	3.1E+02		1.2E+02		
2.2E+01	C	6.3E-03	C					M	1	0.1			1.4E+09	Methylcholanthrene, 3-	56-49-5	1.3E-01	2.0E-01	2.6E+03	7.8E-02							
7.5E-03	I	4.7E-07	I	6.0E-02	I	1.0E+00	A V		1		3.3E+03		2.4E+03	Methylene Chloride	75-09-2	3.8E+02		6.2E+01	5.3E+01	6.1E+04		1.1E+04		9.2E+03		
1.0E-01	P	4.3E-04	C	2.0E-03	P			M	1	0.1			1.4E+09	Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	2.9E+01	4.3E+01	3.9E+04	1.7E+01	2.0E+03	3.1E+03			1.2E+03		
4.6E-02	I	1.3E-05	C							1	0.1		1.4E+09	Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	6.2E+01	9.4E+01	1.3E+06	3.7E+01							
1.6E+00	C	4.6E-04	C			2.0E-02	C			1	0.1		1.4E+09	Methylenebisbenzenamine, 4,4'-	101-77-9	1.8E+00	2.7E+00	3.6E+04	1.1E+00			1.2E+08		1.2E+08		
						6.0E-04	I			1	0.1		1.4E+09	Methylenediphenyl Diisocyanate	101-68-8							3.6E+06		3.6E+06		
				7.0E-02	H			V	1		5.0E+02		1.4E+09	Methylstyrene, Alpha-	98-83-9											

Regional Screening Level (RSL) Industrial Soil 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		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1				
SFO (mg/kg-day) ⁻¹	k _e y	IUR (ug/m ³ -y) ⁻¹	k _e y	RfD _o (mg/kg-day)	k _e y	RfC _i (mg/m ³)	k _e y	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)	
				3.0E-02	X	1.0E-01	P	V		1		1.4E+09		Naphtha, High Flash Aromatic (HFAN)	64724-95-6					3.1E+04		6.0E+08	3.1E+04	
1.8E+00	C	0.0E+00	C	1.0E-01	I					1	0.1	1.4E+09		Naphthylamine, 2-	91-59-8	1.6E+00	2.4E+00		9.6E-01	1.0E+05	1.5E+05		6.2E+04	
				5.0E-02	C	5.0E-05	C		0.04		1.4E+09		Nickel Carbonyl	13463-39-3						5.1E+04		3.0E+05	4.4E+04	
				5.0E-02	C	1.0E-04	C			1		1.4E+09		Nickel Oxide	1313-99-1					5.1E+04		6.0E+05	4.7E+04	
2.4E-04	I	5.0E-02	C	5.0E-05	C				0.04		1.4E+09		Nickel Refinery Dust	NA		6.9E+04	6.9E+04		5.1E+04		3.0E+05	4.4E+04		
2.6E-04	C	2.0E-02	I	9.0E-05	A				0.04		1.4E+09		Nickel Soluble Salts	7440-02-0		6.4E+04	6.4E+04		2.0E+04		5.4E+05	2.0E+04		
1.7E+00	C	4.8E-04	I	5.0E-02	C	5.0E-05	C		0.04		1.4E+09		Nickel Subulfide	12035-72-2	1.7E+00	3.5E+04	1.7E+00		5.1E+04		3.0E+05	4.4E+04		
				1.6E+00	I				1		1.4E+09		Nitrate	14797-55-8					1.6E+06			1.6E+06		
				1.0E-01	I				1		1.4E+09		Nitrite	14797-65-0					1.0E+05			1.0E+05		
2.0E-02	P			1.0E-02	X	5.0E-05	X		1	0.1	1.4E+09		Nitroaniline, 2-	88-74-4					1.0E+04	1.5E+04	3.0E+05	6.0E+03		
				4.0E-03	P	6.0E-03	P		1	0.1	1.4E+09		Nitroaniline, 4-	100-01-6	1.4E+02	2.2E+02		8.6E+01	4.1E+03	6.2E+03	3.6E+07	2.5E+03		
		4.0E-05	I	2.0E-03	I	9.0E-03	I	V	1		3.1E+03	1.4E+09	7.9E+04	Nitrobenzene	98-95-3			2.4E+01	2.4E+01	2.0E+03		3.1E+03	1.2E+03	
				3.0E+03	P				1	0.1	1.4E+09		Nitrocellulose	9004-70-0					3.1E+09	4.6E+09		1.8E+09		
1.3E+00	C	3.7E-04	C	7.0E-02	H				1	0.1	1.4E+09		Nitrofurantoin	67-20-9					7.2E+04	1.1E+05		4.3E+04		
									1	0.1	1.4E+09		Nitrofurazone	59-87-0	2.2E+00	3.3E+00	4.5E+04	1.3E+00						
1.7E-02	P			1.0E-04	P				1	0.1	1.4E+09		Nitroglycerin	55-63-0	1.7E+02	2.6E+02		1.0E+02	1.0E+02	1.5E+02		6.2E+01		
				1.0E-01	I				1	0.1	1.4E+09		Nitroguanidine	556-88-7					1.0E+05	1.5E+05		6.2E+04		
		9.0E-06	P			2.0E-02	P	V	1		1.8E+04	1.4E+09	1.8E+04	Nitromethane	75-52-5			2.5E+01	2.5E+01			1.6E+03	1.6E+03	
		2.7E-03	H			2.0E-02	I	V	1		4.9E+03	1.4E+09	1.4E+04	Nitropropane, 2-	79-46-9			6.4E-02	6.4E-02			1.2E+03	1.2E+03	
2.7E+01	C	7.7E-03	C						M	1	0.1	1.4E+09		Nitroso-N-ethylurea, N-	759-73-9	1.1E-01	1.6E-01	2.2E+03	6.4E-02					
1.2E+02	C	3.4E-02	C						M	1	0.1	1.4E+09		Nitroso-N-methylurea, N-	684-93-5	2.4E-02	3.6E-02	4.9E+02	1.4E-02					
5.4E+00	I	1.6E-03	I						V	1		7.1E+03	1.4E+09	2.1E+05	Nitroso-di-N-butylamine, N-	924-16-3	5.3E-01		1.6E+00	4.0E-01				
7.0E+00	I	2.0E-03	C						1	0.1	1.4E+09		Nitroso-di-N-propylamine, N-	621-64-7	4.1E-01	6.2E-01	8.3E+03	2.5E-01						
2.8E+00	I	8.0E-04	C						1	0.1	1.4E+09		Nitrosodiethanolamine, N-	1116-54-7	1.0E+00	1.5E+00	2.1E+04	6.2E-01						
1.5E+02	I	4.3E-02	I						M	1	0.1	1.4E+09		Nitrosodiethylamine, N-	55-18-5	1.9E-02	2.9E-02	3.9E+02	1.1E-02					
5.1E+01	I	1.4E-02	I	8.0E-06	P	4.0E-05	X	M	1	0.1	1.4E+09		Nitrosodimethylamine, N-	62-75-9	5.6E-02	8.5E-02	1.2E+03	3.4E-02	8.2E+00	1.2E+01	2.4E+05	4.9E+00		
4.9E-03	I	2.6E-06	C						1	0.1	1.4E+09		Nitrosodiphenylamine, N-	86-30-6	5.8E+02	8.8E+02	6.4E+06	3.5E+02						
2.2E+01	I	6.3E-03	C						1	0.1	1.4E+09		Nitrosomethylethylamine, N-	10595-95-6	1.3E-01	2.0E-01	2.6E+03	7.8E-02						
6.7E+00	C	1.9E-03	C						1	0.1	1.4E+09		Nitrosomorpholine [N-]	59-89-2	4.3E-01	6.5E-01	8.8E+03	2.6E-01						
9.4E+00	C	2.7E-03	C						1	0.1	1.4E+09		Nitrosopiperidine [N-]	100-75-4	3.0E-01	4.6E-01	6.2E+03	1.8E-01						
2.1E+00	I	6.1E-04	I						1	0.1	1.4E+09		Nitrosopyrrolidine, N-	930-55-2	1.4E+00	2.1E+00	2.7E+04	8.2E-01						
				1.0E-04	X				1	0.1	1.4E+09		Nitrotoluene, m-	99-08-1					1.0E+02	1.5E+02		6.2E+01		
2.2E-01	P			9.0E-04	P			V	1		1.5E+03	1.4E+09	1.5E+05	Nitrotoluene, o-	88-72-2	1.3E+01			1.3E+01	9.2E+02		9.2E+02		
1.6E-02	P			4.0E-03	P				1	0.1	1.4E+09		Nitrotoluene, p-	99-99-0	1.8E+02	2.7E+02		1.1E+02	4.1E+03	6.2E+03		2.5E+03		
				3.0E-04	X	2.0E-01	P	V	1		6.9E+00	1.4E+09	1.1E+03	Nonane, n-	111-84-2					3.1E+02		9.8E+02	2.3E+02	
				4.0E-02	I				1	0.1	1.4E+09		Norflurazon	27314-13-2					4.1E+04	6.2E+04		2.5E+04		
				7.0E-04	I				1	0.1	1.4E+09		Nustar	85509-19-9					7.2E+02	1.1E+03		4.3E+02		
				3.0E-03	I				1	0.1	1.4E+09		Octabromodiphenyl Ether	32536-52-0					3.1E+03	4.6E+03		1.8E+03		
				5.0E-02	I				1	0.006	1.4E+09		Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetra (HMX)	2691-41-0					5.1E+04	1.3E+06		4.9E+04		
				2.0E-03	H				1	0.1	1.4E+09		Octamethylpyrophosphoramide	152-16-9					2.0E+03	3.1E+03		1.2E+03		
				5.0E-02	I				1	0.1	1.4E+09		Oryzalin	19044-88-3					5.1E+04	7.7E+04		3.1E+04		
				5.0E-03	I				1	0.1	1.4E+09		Oxadiazon	19666-30-9					5.1E+03	7.7E+03		3.1E+03		
				2.5E-02	I				1	0.1	1.4E+09		Oxamyl	23135-22-0					2.6E+04	3.9E+04		1.5E+04		
				1.3E-02	I				1	0.1	1.4E+09		Paclobutrazol	76738-62-0					1.3E+04	2.0E+04		8.0E+03		
				4.5E-03	I				1	0.1	1.4E+09		Paraquat Dichloride	1910-42-5					4.6E+03	7.0E+03		2.8E+03		
				6.0E-03	H				1	0.1	1.4E+09		Parathion	56-38-2					6.1E+03	9.3E+03		3.7E+03		
				5.0E-02	H				1	0.1	1.4E+09		Pebulate	1114-71-2					5.1E+04	7.7E+04		3.1E+04		
				4.0E-02	I				1	0.1	1.4E+09		Pendimethalin	40487-42-1					4.1E+04	6.2E+04		2.5E+04		
				2.0E-03	I				1	0.1	1.4E+09		Pentabromodiphenyl Ether	32534-81-9					2.0E+03	3.1E+03		1.2E+03		
				1.0E-04	I				1	0.1	1.4E+09		Pentabromodiphenyl ether, 2,2',4,4',5'- (BDE-99)	60348-60-9					1.0E+02	1.5E+02		6.2E+01		
				8.0E-04	I				1	0.1	1.4E+09		Pentachlorobenzene	608-93-5					8.2E+02	1.2E+03		4.9E+02		
9.0E-02	P								1	0.1	1.4E+09		Pentachloroethane	76-01-7	3.2E+01	4.8E+01		1.9E+01						
2.6E-01	H			3.0E-03	I				1	0.1	1.4E+09		Pentachloronitrobenzene	82-68-8	1.1E+01	1.7E+01		6.6E+00	3.1E+03	4.6E+03		1.8E+03		
4.0E-01	I	5.1E-06	C	5.0E-03	I				1	0.25	1.4E+09													

Regional Screening Level (RSL) Industrial Soil Table June 2011

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Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1				
SFO (mg/kg-day) ⁻¹	k e y	IUR (ug/m ³ -y) ⁻¹	k e y	RfD _o (mg/kg-day)	k e y	RfC _i (mg/m ³)	k v o c g e n	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)	
4.7E-02	H			2.5E-01	I				1	0.1		1.4E+09		Phenmedipham	13684-63-4						2.6E+05	3.9E+05		1.5E+05
				3.0E-01	I	2.0E-01	C		1	0.1		1.4E+09		Phenol	108-95-2						3.1E+05	4.6E+05	1.2E+09	1.8E+05
				5.0E-04	X				1	0.1		1.4E+09		Phenothiazine	92-84-2						5.1E+02	7.7E+02		3.1E+02
				6.0E-03	I				1	0.1		1.4E+09		Phenylenediamine, m- Phenylenediamine, o-	108-45-2 95-54-5	6.1E+01	9.2E+01		3.7E+01	6.1E+03	9.3E+03		3.7E+03	
1.9E-03	H			1.9E-01	H				1	0.1		1.4E+09		Phenylenediamine, p- Phenylphenol, 2- Phorate	106-50-3 90-43-7 298-02-2	1.5E+03	2.2E+03		8.9E+02	1.9E+05	2.9E+05		1.2E+05	
				2.0E-04	H				1	0.1		1.4E+09									2.0E+02	3.1E+02		1.2E+02
				2.0E-02	I	3.0E-04	I	V	1		1.6E+03	1.4E+09	1.1E+03	Phosgene Phosmet Phosphates, Inorganic	75-44-5 732-11-6						2.0E+04	3.1E+04	1.4E+00	1.4E+00
				4.9E+01	P				1			1.4E+09		~Aluminum metaphosphate	13776-88-0						5.0E+07			5.0E+07
				4.9E+01	P				1			1.4E+09		~Ammonium polyphosphate	68333-79-9						5.0E+07			5.0E+07
				4.9E+01	P				1			1.4E+09		~Calcium pyrophosphate	7790-76-3						5.0E+07			5.0E+07
				4.9E+01	P				1			1.4E+09		~Diammonium phosphate	7783-28-0						5.0E+07			5.0E+07
				4.9E+01	P				1			1.4E+09		~Dicalcium phosphate	7757-93-9						5.0E+07			5.0E+07
				4.9E+01	P				1			1.4E+09		~Dimagnesium phosphate	7782-75-4						5.0E+07			5.0E+07
				4.9E+01	P				1			1.4E+09		~Dipotassium phosphate	7758-11-4						5.0E+07			5.0E+07
				4.9E+01	P				1			1.4E+09		~Disodium phosphate	7558-79-4						5.0E+07			5.0E+07
				4.9E+01	P				1			1.4E+09		~Monoaluminum phosphate	13530-50-2						5.0E+07			5.0E+07
				4.9E+01	P				1			1.4E+09		~Monoammonium phosphate	7722-76-1						5.0E+07			5.0E+07
				4.9E+01	P				1			1.4E+09		~Monocalcium phosphate	7758-23-8						5.0E+07			5.0E+07
				4.9E+01	P				1			1.4E+09		~Monomagnesium phosphate	7757-86-0						5.0E+07			5.0E+07
				4.9E+01	P				1			1.4E+09		~Monopotassium phosphate	7778-77-0						5.0E+07			5.0E+07
				4.9E+01	P				1			1.4E+09		~Monosodium phosphate	7558-80-7						5.0E+07			5.0E+07
				4.9E+01	P				1			1.4E+09		~Polyphosphoric acid	8017-16-1						5.0E+07			5.0E+07
				4.9E+01	P				1			1.4E+09		~Potassium tripolyphosphate	13845-36-8						5.0E+07			5.0E+07
				4.9E+01	P				1			1.4E+09		~Sodium acid pyrophosphate	7758-16-9						5.0E+07			5.0E+07
				4.9E+01	P				1			1.4E+09		~Sodium aluminum phosphate (acidic)	7785-88-8						5.0E+07			5.0E+07
				4.9E+01	P				1			1.4E+09		~Sodium aluminum phosphate (anhydrous)	10279-59-1						5.0E+07			5.0E+07
				4.9E+01	P				1			1.4E+09		~Sodium aluminum phosphate (tetrahydrate)	10305-76-7						5.0E+07			5.0E+07
				4.9E+01	P				1			1.4E+09		~Sodium hexametaphosphate	10124-56-8						5.0E+07			5.0E+07
				4.9E+01	P				1			1.4E+09		~Sodium polyphosphate	68915-31-1						5.0E+07			5.0E+07
				4.9E+01	P				1			1.4E+09		~Sodium trimetaphosphate	7785-84-4						5.0E+07			5.0E+07
				4.9E+01	P				1			1.4E+09		~Sodium tripolyphosphate	7758-29-4						5.0E+07			5.0E+07
				4.9E+01	P				1			1.4E+09		~Tetrapotassium phosphate	7320-34-5						5.0E+07			5.0E+07
				4.9E+01	P				1			1.4E+09		~Tetrasodium pyrophosphate	7722-88-5						5.0E+07			5.0E+07
				4.9E+01	P				1			1.4E+09		~Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate)	15136-87-5						5.0E+07			5.0E+07
				4.9E+01	P				1			1.4E+09		~Tricalcium phosphate	7758-87-4						5.0E+07			5.0E+07
				4.9E+01	P				1			1.4E+09		~Trimagnesium phosphate	7757-87-1						5.0E+07			5.0E+07
				4.9E+01	P				1			1.4E+09		~Tripotassium phosphate	7778-53-2						5.0E+07			5.0E+07
				4.9E+01	P				1			1.4E+09		~Trisodium phosphate	7601-54-9						5.0E+07			5.0E+07
				3.0E-04	I	3.0E-04	I		1			1.4E+09		Phosphine	7803-51-2						3.1E+02		1.8E+06	3.1E+02
				4.9E+01	P	1.0E-02	I		1			1.4E+09		Phosphoric Acid	7664-38-2						5.0E+07		6.0E+07	2.7E+07
				2.0E-05	I				1			1.4E+09		Phosphorus, White	7723-14-0						2.0E+01			2.0E+01
				1.0E+00	H				1	0.1		1.4E+09		Phthalic Acid, P-	100-21-0						1.0E+06	1.5E+06		6.2E+05
				2.0E+00	I	2.0E-02	C		1	0.1		1.4E+09		Phthalic Anhydride	85-44-9						2.0E+06	3.1E+06	1.2E+08	1.2E+06
				7.0E-02	I				1	0.1		1.4E+09		Picloram	1918-02-1						7.2E+04	1.1E+05		4.3E+04
				1.0E-04	X				1	0.1		1.4E+09		Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3						1.0E+02	1.5E+02		6.2E+01
				1.0E-02	I				1	0.1		1.4E+09		Pirimiphos, Methyl	29232-93-7						1.0E+04	1.5E+04		6.2E+03
				3.0E+01	C	8.6E-03	C	7.0E-06	H				1	0.1		1.4E+09		Polybrominated Biphenyls Polychlorinated Biphenyls (PCBs)	59536-65-1	9.5E-02	1.4E-01	1.9E+03	5.7E-02	7.2E+00
7.0E-02	S	2.0E-05	S	7.0E-05	I				1	0.14		1.4E+09		~Aroclor 1016	12674-11-2	4.1E+01	4.4E+01	8.3E+05	2.1E+01	7.2E+01	7.7E+01		3.7E+01	
2.0E+00	S	5.7E-04	S				V		1	0.14	7.6E+02	1.4E+09	9.2E+04	~Aroclor 1221	11104-28-2	1.4E+00	1.5E+00	2.0E+00	5.4E-01					
2.0E+00	S	5.7E-04	S				V		1	0.14	7.3E+01	1.4E+09	9.2E+04	~Aroclor 1232	11141-16-5	1.4E+00	1.5E+00	2.0E+00	5.4E-01					
2.0E+00	S	5.7E-04	S						1	0.14		1.4E+09		~Aroclor 1242	53469-21-9	1.4E+00	1.5E+00	2.9E+04	7.4E-01					
2.0E+00	S	5.7E-04	S						1	0.14		1.4E+09		~Aroclor 1248	12672-29-6	1.4E+00	1.5E+00	2.9E+04	7.4E-01					
2.0E+00	S	5.7E-04	S	2.0E-05	I				1	0.14		1.4E+09		~Aroclor 1254	11097-69-1	1.4E+00	1.5E+00	2.9E+04	7.4E-01	2.0E+01	2.2E+01		1.1E+01	
2.0E+00	S	5.7E-04	S						1	0.14		1.4E+09		~Aroclor 1260	11096-82-5	1.4E+00	1.5E+00	2.9E+04	7.4E-01					
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E		1	0.14		1.4E+09		~Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	7.3E-01	7.9E-01	1.5E+04	3.8E-01	3.4E+01	3.7E+01	7.9E+06	1.8E+01	
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E		1	0.14		1.4E+09		~Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	52663-72-6	7.3E-01	7.9E-01	1.5E+04	3.8E-01	3.4E+01	3.7E+01	7.9E+06	1.8E+01	
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E		1	0.14		1.4E+09		~Hexachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 157)	69782-90-7	7.3E-01	7.9E-01	1.5E+04	3.8E-01	3.4E+01	3.7E+01	7.9E+06	1.8E+01	
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E		1	0.14		1.4E+09		~Hexachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 156)	38380-08-4	7.3E-01	7.9E-01	1.5E+04	3.8E-01	3.4E+01	3.7E+01	7.9E+06	1.8E+01	
3.9E+03	E	1.1E+00	E	3.3E-08	E	1.3E-06	E		1	0.14		1.4E+09		~Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	32774-16-6	7.3E-04	7.9E-04	1.5E+01	3.8E-04	3.4E-02	3.7E-02	7.9E+03	1.8E-02	
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E		1	0.14		1.4E+09		~Pentachlorobiphenyl, 2',3,4,4',5'- (PCB 123)	65510-44-3	7.3E-01	7.9E-01	1.5E+04	3.8E-01	3.4E+01	3.7E+01	7.9E+06	1.8E+01	

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				Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
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	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)		
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E		1	0.14		1.4E+09		~Pentachlorobiphenyl, 2,3',4,4',5'- (PCB 118)	31508-00-6	7.3E-01	7.9E-01	1.5E+04	3.8E-01	3.4E+01	3.7E+01	7.9E+06	1.8E+01		
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E		1	0.14		1.4E+09		~Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	7.3E-01	7.9E-01	1.5E+04	3.8E-01	3.4E+01	3.7E+01	7.9E+06	1.8E+01		
3.9E+00	E	1.1E-03	E	3.3E-05	E	1.3E-03	E		1	0.14		1.4E+09		~Pentachlorobiphenyl, 2,3,4,4',5'- (PCB 114)	74472-37-0	7.3E-01	7.9E-01	1.5E+04	3.8E-01	3.4E+01	3.7E+01	7.9E+06	1.8E+01		
1.3E+04	E	3.8E+00	E	1.0E-08	E	4.0E-07	E		1	0.14		1.4E+09		~Pentachlorobiphenyl, 3,3',4,4',5'- (PCB 126)	57465-28-8	2.2E-04	2.4E-04	4.4E+00	1.1E-04	1.0E-02	1.1E-02	2.4E+03	5.3E-03		
2.0E+00	I	5.7E-04	I						1	0.14		1.4E+09		~Polychlorinated Biphenyls (high risk)	1336-36-3	1.4E+00	1.5E+00	2.9E+04	7.4E-01						
4.0E-01	I	1.0E-04	I						1	0.14				~Polychlorinated Biphenyls (low risk)	1336-36-3										
7.0E-02	I	2.0E-05	I						1	0.14				~Polychlorinated Biphenyls (lowest risk)	1336-36-3										
1.3E+01	E	3.8E-03	E	1.0E-05	E	4.0E-04	E		1	0.14		1.4E+09		~Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	2.2E-01	2.4E-01	4.4E+03	1.1E-01	1.0E+01	1.1E+01	2.4E+06	5.3E+00		
3.9E+01	E	1.1E-02	E	3.3E-06	E	1.3E-04	E		1	0.14		1.4E+09		~Tetrachlorobiphenyl, 3,4,4',5'- (PCB 81)	70362-50-4	7.3E-02	7.9E-02	1.5E+03	3.8E-02	3.4E+00	3.7E+00	7.9E+05	1.8E+00		
				6.0E-04	I				1	0.1		1.4E+09		Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9							3.6E+06	3.6E+06		
				6.0E-02	I			V	1	0.13		1.4E+09	1.5E+05	Poly-nuclear Aromatic Hydrocarbons (PAHs)											
				3.0E-01	I			V	1	0.13		1.4E+09	5.6E+05	~Acenaphthene	83-32-9					6.1E+04	7.1E+04		3.3E+04		
7.3E-01	E	1.1E-04	C					M	1	0.13		1.4E+09		~Anthracene	120-12-7	3.9E+00	4.6E+00	1.5E+05	2.1E+00	3.1E+05	3.6E+05		1.7E+05		
1.2E+00	C	1.1E-04	C						1	0.13		1.4E+09		~Benz[a]anthracene	56-55-3	2.4E+00	2.8E+00	1.5E+05	1.3E+00						
									1	0.13		1.4E+09		~Benzo[j]fluoranthene	205-82-3	2.4E+00	2.8E+00	1.5E+05	1.3E+00						
7.3E+00	I	1.1E-03	C					M	1	0.13		1.4E+09		~Benzo[a]pyrene	50-32-8	3.9E-01	4.6E-01	1.5E+04	2.1E-01						
7.3E-01	E	1.1E-04	C					M	1	0.13		1.4E+09		~Benzo[b]fluoranthene	205-99-2	3.9E+00	4.6E+00	1.5E+05	2.1E+00						
7.3E-02	E	1.1E-04	C					M	1	0.13		1.4E+09		~Benzo[k]fluoranthene	207-08-9	3.9E+01	4.6E+01	1.5E+05	2.1E+01						
7.3E-03	E	1.1E-05	C					M	1	0.13		1.4E+09		~Chrysene	218-01-9	3.9E+02	4.6E+02	1.5E+06	2.1E+02						
7.3E+00	E	1.2E-03	C					M	1	0.13		1.4E+09		~Dibenz[a,h]anthracene	53-70-3	3.9E-01	4.6E-01	1.4E+04	2.1E-01						
1.2E+01	C	1.1E-03	C						1	0.13		1.4E+09		~Dibenzo[a,e]pyrene	192-65-4	2.4E-01	2.8E-01	1.5E+04	1.3E-01						
2.5E+02	C	7.1E-02	C					M	1	0.13		1.4E+09		~Dimethylbenz(a)anthracene, 7,12-	57-97-6	1.1E-02	1.3E-02	2.3E+02	6.2E-03						
				4.0E-02	I				1	0.13		1.4E+09		~Fluoranthene	206-44-0					4.1E+04	4.8E+04		2.2E+04		
				4.0E-02	I			V	1	0.13		1.4E+09	3.0E+05	~Fluorene	86-73-7					4.1E+04	4.8E+04		2.2E+04		
7.3E-01	E	1.1E-04	C					M	1	0.13		1.4E+09		~Indeno[1,2,3-cd]pyrene	193-39-5	3.9E+00	4.6E+00	1.5E+05	2.1E+00						
2.9E-02	P			7.0E-02	A			V	1		3.9E+02	1.4E+09	6.3E+04	~Methylnaphthalene, 1-	90-12-0	9.9E+01			9.9E+01	7.2E+04			7.2E+04		
				4.0E-03	I			V	1		3.7E+02	1.4E+09	6.2E+04	~Methylnaphthalene, 2-	91-57-6					4.1E+03			4.1E+03		
		3.4E-05	C	2.0E-02	I	3.0E-03	I	V	1	0.13		1.4E+09	5.0E+04	~Naphthalene	91-20-3			1.8E+01	1.8E+01	2.0E+04	2.4E+04	6.6E+02	6.2E+02		
1.2E+00	C	1.1E-04	C						1	0.13		1.4E+09		~Nitrophenyl, 4-	57835-92-4	2.4E+00	2.8E+00	1.5E+05	1.3E+00						
				3.0E-02	I			V	1	0.13		1.4E+09	2.6E+06	~Pyrene	129-00-0					3.1E+04	3.6E+04		1.7E+04		
1.5E-01	I			9.0E-03	I				1	0.1		1.4E+09		Prochloraz	67747-09-5	1.9E+01	2.9E+01		1.1E+01	9.2E+03	1.4E+04		5.5E+03		
				6.0E-03	H				1	0.1		1.4E+09		Profluralin	26399-36-0					6.1E+03	9.3E+03		3.7E+03		
				1.5E-02	I				1	0.1		1.4E+09		Prometon	1610-18-0					1.5E+04	2.3E+04		9.2E+03		
				4.0E-03	I				1	0.1		1.4E+09		Prometryn	7287-19-6					4.1E+03	6.2E+03		2.5E+03		
				1.3E-02	I				1	0.1		1.4E+09		Propachlor	1918-16-7					1.3E+04	2.0E+04		8.0E+03		
				5.0E-03	I				1	0.1		1.4E+09		Propanil	709-98-8					5.1E+03	7.7E+03		3.1E+03		
				2.0E-02	I				1	0.1		1.4E+09		Propargite	2312-35-8					2.0E+04	3.1E+04		1.2E+04		
				2.0E-03	I				1	0.1		1.4E+09		Propargyl Alcohol	107-19-7					2.0E+03	3.1E+03		1.2E+03		
				2.0E-02	I				1	0.1		1.4E+09		Propazine	139-40-2					2.0E+04	3.1E+04		1.2E+04		
				2.0E-02	I				1	0.1		1.4E+09		Propham	122-42-9					2.0E+04	3.1E+04		1.2E+04		
				1.3E-02	I				1	0.1		1.4E+09		Propiconazole	60207-90-1					1.3E+04	2.0E+04		8.0E+03		
						8.0E-03	I	V	1		3.3E+04	1.4E+09	9.6E+03	Propionaldehyde	123-38-6							3.4E+02	3.4E+02		
				1.0E-01	X	1.0E+00	X	V	1	0.1	2.6E+02	1.4E+09	7.5E+03	Propyl benzene	103-65-1					1.0E+05	1.5E+05	3.3E+04	2.1E+04		
						3.0E+00	C		1	0.1		1.4E+09		Propylene	115-07-1							1.8E+10	1.8E+10		
				2.0E+01	P				1	0.1		1.4E+09		Propylene Glycol	57-55-6					2.0E+07	3.1E+07		1.2E+07		
						2.7E-04	A	V	1		1.5E+03	1.4E+09	2.0E+05	Propylene Glycol Dinitrate	6423-43-4							2.4E+02	2.4E+02		
				7.0E-01	H				1	0.1		1.4E+09		Propylene Glycol Monoethyl Ether	1569-02-4					7.2E+05	1.1E+06		4.3E+05		
				7.0E-01	H	2.0E+00	I		1	0.1		1.4E+09		Propylene Glycol Monomethyl Ether	107-98-2					7.2E+05	1.1E+06	1.2E+10	4.3E+05		
2.4E-01	I	3.7E-06	I			3.0E-02	I	V	1		7.8E+04	1.4E+09	1.1E+04	Propylene Oxide	75-56-9	1.2E+01		3.7E+01	9.0E+00			1.5E+03	1.5E+03		
				2.5E-01	I				1	0.1		1.4E+09		Pursuit	81335-77-5					2.6E+05	3.9E+05		1.5E+05		
				2.5E-02	I				1	0.1		1.4E+09		Pydrin	51630-58-1					2.6E+04	3.9E+04				

Regional Screening Level (RSL) Industrial Soil 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				Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1			
SFO (mg/kg-day) ⁻¹	k _e y	IUR (ug/m ³ -y) ⁻¹	k _e y	RfD _o (mg/kg-day)	k _e y	RfC _i (mg/m ³)	k _e y	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)		
				5.0E-03	I				0.04			1.4E+09		Silver	7440-22-4					5.1E+03				5.1E+03	
1.2E-01	H			5.0E-03	I				1	0.1		1.4E+09		Simazine	122-34-9	2.4E+01	3.6E+01		1.4E+01	5.1E+03	7.7E+03			3.1E+03	
				1.3E-02	I				1	0.1		1.4E+09		Sodium Acifluorfen	62476-59-9					1.3E+04	2.0E+04			8.0E+03	
				4.0E-03	I				1			1.4E+09		Sodium Azide	26628-22-8					4.1E+03				4.1E+03	
2.7E-01	H			3.0E-02	I				1	0.1		1.4E+09		Sodium Diethyldithiocarbamate	148-18-5	1.1E+01	1.6E+01		6.4E+00	3.1E+04	4.6E+04			1.8E+04	
				5.0E-02	A	1.3E-02	C		1			1.4E+09		Sodium Fluoride	7681-49-4					5.1E+04		7.7E+07		5.1E+04	
				2.0E-05	I				1	0.1		1.4E+09		Sodium Fluoroacetate	62-74-8					2.0E+01	3.1E+01			1.2E+01	
2.4E-02	H			1.0E-03	H				1			1.4E+09		Sodium Metavanadate	13718-26-8					1.0E+03				1.0E+03	
				3.0E-02	I				1	0.1		1.4E+09		Stirofos (Tetrachlorovinphos)	961-11-5	1.2E+02	1.8E+02		7.2E+01	3.1E+04	4.6E+04			1.8E+04	
				6.0E-01	I				1			1.4E+09		Strontium, Stable	7440-24-6					6.1E+05				6.1E+05	
				3.0E-04	I				1	0.1		1.4E+09		Strychnine	57-24-9					3.1E+02	4.6E+02			1.8E+02	
				2.0E-01	I	1.0E+00	I	V	1		8.7E+02		1.0E+04	Styrene	100-42-5					2.0E+05		4.4E+04		3.6E+04	
				8.0E-04	P				1	0.1		1.4E+09		Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9					8.2E+02	1.2E+03			4.9E+02	
						1.0E-03	C		1			1.4E+09		Sulfuric Acid	7664-93-9							6.0E+06		6.0E+06	
				2.5E-02	I				1	0.1		1.4E+09		Systhane	88671-89-0					2.6E+04	3.9E+04			1.5E+04	
				3.0E-02	H				1	0.1		1.4E+09		TCMTB	21564-17-0					3.1E+04	4.6E+04			1.8E+04	
				7.0E-02	I				1	0.1		1.4E+09		Tebuthiuron	34014-18-1					7.2E+04	1.1E+05			4.3E+04	
				2.0E-02	H				1	0.1		1.4E+09		Temephos	3383-96-8					2.0E+04	3.1E+04			1.2E+04	
				1.3E-02	I				1	0.1		1.4E+09		Terbacil	5902-51-2					1.3E+04	2.0E+04			8.0E+03	
				2.5E-05	H				1	0.1		1.4E+09		Terbufos	13071-79-9					2.6E+01	3.9E+01			1.5E+01	
				1.0E-03	I				1	0.1		1.4E+09		Terbutryn	886-50-0					1.0E+03	1.5E+03			6.2E+02	
				1.0E-04	I				1	0.1		1.4E+09		Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1					1.0E+02	1.5E+02			6.2E+01	
2.6E-02	I	7.4E-06	I	3.0E-02	I			V	1		6.8E+02		6.1E+03	Tetrachlorobenzene, 1,2,4,5-	95-94-3					3.1E+02	4.6E+02			1.8E+02	
2.0E-01	I	5.8E-05	C	2.0E-02	I			V	1		1.9E+03		1.6E+04	Tetrachloroethane, 1,1,1,2-	630-20-6	1.1E+02		1.0E+01	9.3E+00	3.1E+04				3.1E+04	
									1					Tetrachloroethane, 1,1,2,2-	79-34-5	1.4E+01		3.4E+00	2.8E+00	2.0E+04				2.0E+04	
5.4E-01	C	5.9E-06	C	1.0E-02	I	2.7E-01	A	V	1		1.7E+02		1.4E+09	2.5E+03		5.3E+00		5.3E+00	2.6E+00	1.0E+04		3.0E+03		2.3E+03	
				3.0E-02	I				1	0.1		1.4E+09			Tetrachlorophenol, 2,3,4,6-	58-90-2					3.1E+04	4.6E+04			1.8E+04
2.0E+01	H								1	0.1		1.4E+09			Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1	1.4E-01	2.2E-01		8.6E-02					
				5.0E-04	I				1	0.1		1.4E+09			Tetraethyl Dithiopyrophosphate	3689-24-5					5.1E+02	7.7E+02			3.1E+02
						8.0E+01	I	V	1		1.1E+03		1.4E+09	1.3E+03		811-97-2						4.6E+05		4.6E+05	
				4.0E-03	P				1	0.1		1.4E+09			Tetryl (Trinitrophenylmethylnitramine)	479-45-8					4.1E+03	6.2E+03			2.5E+03
				1.0E-05	X				1			1.4E+09			Thallium (Soluble Salts)	7440-28-0					1.0E+01				1.0E+01
				1.0E-02	I				1	0.1		1.4E+09			Thiobencarb	28249-77-6					1.0E+04	1.5E+04			6.2E+03
				7.0E-02	X				1	0.008		1.4E+09			Thiodiglycol	111-48-8					7.2E+04	1.4E+06			6.8E+04
				3.0E-04	H				1	0.1		1.4E+09			Thiofanox	39196-18-4					3.1E+02	4.6E+02			1.8E+02
				8.0E-02	I				1	0.1		1.4E+09			Thiophanate, Methyl	23564-05-8					8.2E+04	1.2E+05			4.9E+04
				5.0E-03	I				1	0.1		1.4E+09			Thiram	137-26-8					5.1E+03	7.7E+03			3.1E+03
				6.0E-01	H				1			1.4E+09			Tin	7440-31-5					6.1E+05				6.1E+05
						1.0E-04	A		1			1.4E+09			Titanium Tetrachloride	7550-45-0							6.0E+05		6.0E+05
				8.0E-02	I	5.0E+00	I	V	1		8.2E+02		1.4E+09	4.6E+03		108-88-3				8.2E+04		1.0E+05		4.5E+04	
1.8E-01	X			1.0E-04	X				1	0.1		1.4E+09			Toluene-2,5-diamine	95-70-5	1.6E+01	2.4E+01		9.6E+00	1.0E+02	1.5E+02			6.2E+01
1.9E-01	H								1	0.1		1.4E+09			Toluidine, p-	106-49-0	1.5E+01	2.3E+01		9.1E+00					
1.1E+00	I	3.2E-04	I						1	0.1		1.4E+09			Toxaphene	8001-35-2	2.6E+00	3.9E+00	5.2E+04	1.6E+00					
				7.5E-03	I				1	0.1		1.4E+09			Tralomehrin	66841-25-6					7.7E+03	1.2E+04			4.6E+03
				3.0E-04	A				1	0.1		1.4E+09			Tri-n-butyltin	688-73-3					3.1E+02	4.6E+02			1.8E+02
				1.3E-02	I				1	0.1		1.4E+09			Triallate	2303-17-5					1.3E+04	2.0E+04			8.0E+03
				1.0E-02	I				1	0.1		1.4E+09			Triasulfuron	82097-50-5					1.0E+04	1.5E+04			6.2E+03
				5.0E-03	I				1	0.1		1.4E+09			Tribromobenzene, 1,2,4-	615-54-3					5.1E+03	7.7E+03			3.1E+03
9.0E-03	P			1.0E-02	P				1	0.1		1.4E+09			Tributyl Phosphate	126-73-8	3.2E+02	4.8E+02		1.9E+02	1.0E+04	1.5E+04			6.2E+03
				3.0E-04	P				1	0.1		1.4E+09			Tributyltin Compounds	NA					3.1E+02	4.6E+02			1.8E+02
				3.0E-04	I				1	0.1		1.4E+09			Tributyltin Oxide	56-35-9					3.1E+02	4.6E+02			1.8E+02
				3.0E+01	I	3.0E+01	H	V	1		9.1E+02		1.4E+09	1.4E+03		76-13-1				3.1E+07		1.8E+05		1.8E+05	
2.9E-02	H								1	0.1		1.4E+09			Trichloroacetic Acid	76-03-9									
7.0E-03	X			3.0E-05	X				1	0.1		1.4E+09			Trichloroaniline HCl, 2,4,6-	33663-50-2	9.9E+01	1.5E+02		5.9E+01	3.1E+01	4.6E+01			1.8E

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		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1				
SFO (mg/kg-day) ⁻¹	k e v	IUR (ug/m ³ -y) ⁻¹	k e v	RfD _o (mg/kg-day)	k e v	RfC _i (mg/m ³)	k e v	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1.0E-6 (mg/kg)	Dermal SL TR=1.0E-6 (mg/kg)	Inhalation SL TR=1.0E-6 (mg/kg)	Carcinogenic SL TR=1.0E-6 (mg/kg)	Ingestion SL HQ=1 (mg/kg)	Dermal SL HQ=1 (mg/kg)	Inhalation SL HQ=1 (mg/kg)	Noncarcinogenic SL HI=1 (mg/kg)	
3.0E+01	I			5.0E-03 4.0E-03	I	3.0E-04	V V		1		1.3E+03 1.4E+03	1.4E+09 1.4E+09	1.6E+04 1.7E+04	Trichloropropane, 1,1,2- Trichloropropane, 1,2,3-	598-77-6 96-18-4	9.5E-02			9.5E-02		5.1E+03 4.1E+03		2.2E+01	5.1E+03 2.2E+01
				3.0E-03 3.0E-03	X	3.0E-04	P I	V	1	0.1	4.5E+02 2.8E+04	1.4E+09 1.4E+09	2.5E+03 1.7E+04	Trichloropropene, 1,2,3- Tridiphane Triethylamine	96-19-5 58138-08-2 121-44-8						3.1E+03 3.1E+03		3.3E+00 4.6E+03	3.3E+00 1.8E+03 5.2E+02
7.7E-03 2.0E-02	I P			7.5E-03 1.0E-02	I P				1	0.1		1.4E+09 1.4E+09		Trifluralin Trimethyl Phosphate Trimethylbenzene, 1,2,3-	1582-09-8 512-56-1 526-73-8	3.7E+02 1.4E+02	5.6E+02 2.2E+02		2.2E+02 8.6E+01	7.7E+03 1.0E+04	1.2E+04 1.5E+04		4.6E+03 6.2E+03 3.0E+07	
				1.0E-02 3.0E-02	X I		V		1	0.019	2.2E+02 1.8E+02	1.4E+09 1.4E+09	8.5E+03 7.1E+03	Trimethylbenzene, 1,2,4- Trimethylbenzene, 1,3,5- Trinitrobenzene, 1,3,5-	95-63-6 108-67-8 99-35-4						1.0E+04 3.1E+04		2.6E+02 2.4E+05	2.6E+02 1.0E+04 2.7E+04
3.0E-02 2.0E-02	I P			5.0E-04 2.0E-02 7.0E-03	I P P				1	0.032		1.4E+09 1.4E+09		Trinitrotoluene, 2,4,6- Triphenylphosphine Oxide Tris(2-chloroethyl)phosphate	118-96-7 791-28-6 115-96-8	9.5E+01 2.2E+02	4.5E+02		7.9E+01	5.1E+02 2.0E+04 7.2E+03	2.4E+03 3.1E+04 1.1E+04		4.2E+02 1.2E+04 4.3E+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	0.1		1.4E+09 1.4E+09		Tris(2-ethylhexyl)phosphate Uranium (Soluble Salts) Urethane	78-42-2 NA 51-79-6	8.9E+02 2.9E+00	1.4E+03 4.3E+00		5.4E+02 5.7E+04	1.0E+05 3.1E+03	1.5E+05	1.8E+06	6.2E+04 3.1E+03	
		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			1.4E+09 1.4E+09 1.4E+09		Vanadium Pentoxide Vanadium Sulfate Vanadium and Compounds	1314-62-1 36907-42-3 NA			2.0E+03	2.0E+03	9.2E+03 2.0E+04 5.2E+03		4.2E+04	7.5E+03 2.0E+04 5.2E+03	
				1.0E-03 2.5E-02 1.0E+00	I I H				1	0.1	2.8E+03	1.4E+09	4.7E+03	Vernolate Vinclozolin Vinyl Acetate	1929-77-7 50471-44-8 108-05-4					1.0E+03 2.6E+04 1.0E+06	1.5E+03 3.9E+04		6.2E+02 1.5E+04 4.1E+03	
7.2E-01	I	3.2E-05 4.4E-06	H I	3.0E-03 3.0E-04	I I	3.0E-03 1.0E-01	I V	M	1	0.1	0.0E+00 3.9E+03	1.4E+09 1.4E+09	1.5E+03 1.0E+03	Vinyl Bromide Vinyl Chloride Warfarin	593-60-2 75-01-4 81-81-2	4.0E+00		5.6E-01 2.9E+00	5.6E-01 1.7E+00	3.1E+03 3.1E+02		1.9E+01 4.5E+02	1.9E+01 3.9E+02 1.8E+02	
				2.0E-01 2.0E-01 2.0E-01	S S S	1.0E-01 1.0E-01 1.0E-01	S V S		1		3.9E+02 3.9E+02 4.3E+02	1.4E+09 1.4E+09 1.4E+09	6.0E+03 5.9E+03 7.0E+03	Xylene, p- Xylene, m- Xylene, o-	106-42-3 108-38-3 95-47-6					2.0E+05 2.0E+05 2.0E+05		2.6E+03 2.6E+03 3.0E+03	2.6E+03 2.5E+03 3.0E+03	
				2.0E-01 3.0E-04 3.0E-01	I I I	1.0E-01	I V		1		2.6E+02	1.4E+09 1.4E+09	6.3E+03	Xylenes Zinc Phosphide Zinc and Compounds	1330-20-7 1314-84-7 7440-66-6					2.0E+05 3.1E+02 3.1E+05		2.7E+03	2.7E+03 3.1E+02 3.1E+05	
				5.0E-02	I				1	0.1		1.4E+09		Zineb	12122-67-7					5.1E+04	7.7E+04		3.1E+04	