

Regional Removal Management Level (RML) Resident Soil Table (TR=1E-04, HQ=1) May 2016

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-04				Noncancer Child 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 _o (mg/m ³) ⁻¹	k e y	o m u t a g e n	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	GIABS	ABS	Analyte	CAS No.	Ingestion SL TR=1E-04 (mg/kg)	Dermal SL TR=1E-04 (mg/kg)	Inhalation SL TR=1E-04 (mg/kg)	Carcinogenic SL TR=1E-04 (mg/kg)	Ingestion SL Child THQ=1 (mg/kg)	Dermal SL Child THQ=1 (mg/kg)	Inhalation SL Child THQ=1 (mg/kg)	Noncarcinogenic SL Child THI=1 (mg/kg)
8.7E-03	I	2.2E-06	I	4.0E-03	I	9.0E-03	I	V	1.1E+05	1.4E+09	8.7E+03	1	0.1	Acephate	30560-19-1	8.0E+03	2.8E+04	1.1E+03	6.2E+03	3.1E+02	1.3E+03	8.2E+01	2.5E+02
				2.0E-02	I	1.4E+09			1.4E+09	1.4E+09	1	0.1	Acetaldehyde	75-07-0				1.1E+03	1.6E+03	6.6E+03	6.6E+03	8.2E+01	8.2E+01
									1.4E+09	1.4E+09	1	0.1	Acetochlor	34256-82-1				1.1E+03	1.6E+03	6.6E+03	6.6E+03	8.2E+01	1.3E+03
				9.0E-01	I	3.1E+01	A	V	1.1E+05	1.4E+09	1.4E+04	1	0.1	Acetone	67-64-1				6.2E+03	7.0E+04		4.4E+05	6.1E+04
						2.0E-03	X		1.4E+09	1.4E+09	1	0.1	Acetone Cyanohydrin	75-86-5				6.2E+03	7.0E+04		4.4E+05	6.1E+04	
						6.0E-02	I	V	1.3E+05	1.4E+09	1.3E+04	1		Acetonitrile	75-05-8				6.2E+03	7.0E+04		4.4E+05	6.1E+04
3.8E+00	C	1.3E-03	C	1.0E-01	I			V	2.5E+03	1.4E+09	6.0E+04	1	0.1	Acetophenone	98-86-2				6.2E+03	7.8E+03		8.1E+02	7.8E+03
									1.4E+09	1.4E+09	1	0.1	Acetylaminofluorene, 2-	53-96-3	1.8E+01	6.5E+01	2.9E+05	1.4E+01	3.9E+01		1.4E-01	1.4E-01	1.4E-01
				5.0E-04	I	2.0E-05	I	V	2.3E+04	1.4E+09	6.9E+03	1		Acrolein	107-02-8				6.2E+03	7.8E+03		8.1E+02	7.8E+03
5.0E-01	I	1.0E-04	I	2.0E-03	I	6.0E-03	I	M	1.4E+09	1.4E+09	1	0.1	Acrylamide	79-06-1	3.1E+01	1.2E+02	1.4E+06	2.4E+01	1.6E+02	6.6E+02	8.5E+06	1.3E+02	1.3E+02
				5.0E-01	I	1.0E-03	I	V	1.1E+05	1.4E+09	9.5E+04	1		Acrylic Acid	79-10-7				6.2E+03	7.8E+03		8.1E+02	7.8E+03
5.4E-01	I	6.8E-05	I	4.0E-02	A	2.0E-03	I	V	1.1E+04	1.4E+09	7.7E+03	1		Acrylonitrile	107-13-1	1.3E+02		3.2E+01	2.5E+01	3.9E+04	1.6E+01	1.6E+01	1.6E+01
						6.0E-03	P		1.4E+09	1.4E+09	1	0.1	Adiponitrile	111-69-3				6.2E+03	7.8E+03		8.1E+02	7.8E+03	
5.6E-02	C			1.0E-02	I				1.4E+09	1.4E+09	1	0.1	Alachlor	15972-60-8	1.2E+03	4.4E+03		9.7E+02	7.8E+02	3.3E+03	3.3E+03	3.3E+03	3.3E+03
				1.0E-03	I				1.4E+09	1.4E+09	1	0.1	Aldicarb	116-06-3				9.7E+02	7.8E+02	3.3E+03	3.3E+03	3.3E+03	3.3E+03
									1.4E+09	1.4E+09	1	0.1	Aldicarb Sulfone	1646-88-4				9.7E+02	7.8E+02	3.3E+03	3.3E+03	3.3E+03	3.3E+03
									1.4E+09	1.4E+09	1	0.1	Aldicarb sulfoxide	1646-87-3				9.7E+02	7.8E+02	3.3E+03	3.3E+03	3.3E+03	3.3E+03
1.7E+01	I	4.9E-03	I	3.0E-05	I			V	1.4E+09	1.7E+06	1		Aldrin	309-00-2	4.1E+00		9.8E+01	3.9E+00	2.3E+00				2.3E+00
				5.0E-03	I	1.0E-04	X	V	1.1E+05	1.4E+09	3.4E+04	1		Allyl Alcohol	107-18-6				6.2E+03	7.8E+03		8.1E+02	7.8E+03
2.1E-02	C	6.0E-06	C	1.0E+00	P	5.0E-03	P		1.4E+09	1.4E+09	1.6E+03	1		Allyl Chloride	107-05-1	3.3E+03		7.4E+01	7.2E+01	3.9E+02		3.6E+00	3.5E+00
									1.4E+09	1.4E+09	1		Aluminum	7429-90-5				6.2E+03	7.8E+03		8.1E+02	7.8E+03	
				4.0E-04	I				1.4E+09	1.4E+09	1	0.1	Aluminum Phosphide	20859-73-8				6.2E+03	7.8E+03		8.1E+02	7.8E+03	
2.1E+01	C	6.0E-03	C	9.0E-03	I				1.4E+09	1.4E+09	1	0.1	Ametryn	834-12-8				6.2E+03	7.8E+03		8.1E+02	7.8E+03	
									1.4E+09	1.4E+09	1	0.1	Aminobiphenyl, 4-	92-67-1	3.3E+00	1.2E+01	6.4E+04	2.6E+00	7.0E+02	3.0E+03	3.0E+03	3.0E+03	3.0E+03
				8.0E-02	P				1.4E+09	1.4E+09	1	0.1	Aminophenol, m-	591-27-5				6.2E+03	7.8E+03		8.1E+02	7.8E+03	
				2.0E-02	P				1.4E+09	1.4E+09	1	0.1	Aminophenol, p-	123-30-8				6.2E+03	7.8E+03		8.1E+02	7.8E+03	
				2.5E-03	I				1.4E+09	1.4E+09	1	0.1	Amitraz	33089-61-1				6.2E+03	7.8E+03		8.1E+02	7.8E+03	
						1.0E-01	I	V		1.4E+09	1		Ammonia	7664-41-7				6.2E+03	7.8E+03		8.1E+02	7.8E+03	
				2.0E-01	I				1.4E+09	1.4E+09	2.6E+04	1		Ammonium Sulfamate	7773-06-0				6.2E+03	7.8E+03		8.1E+02	7.8E+03
						3.0E-03	X	V	1.4E+04	1.4E+09	2.6E+04	1		Amyl Alcohol, tert-	75-85-4				6.2E+03	7.8E+03		8.1E+02	7.8E+03
5.7E-03	I	1.6E-06	C	7.0E-03	P	1.0E-03	I		1.4E+09	1.4E+09	1	0.1	Aniline	62-53-3	1.2E+04	4.3E+04	2.4E+08	9.5E+03	5.5E+02	2.3E+03	1.4E+06	4.4E+02	4.4E+02
4.0E-02	P			2.0E-03	X				1.4E+09	1.4E+09	1	0.1	Anthraquinone, 9,10-	84-65-1	1.7E+03	6.2E+03		1.4E+03	1.6E+02	6.6E+02	6.6E+02	6.6E+02	6.6E+02
				4.0E-04	I				1.4E+09	1.4E+09	0.15		Antimony (metallic)	7440-36-0				6.2E+03	7.8E+03		8.1E+02	7.8E+03	
				5.0E-04	H				1.4E+09	1.4E+09	0.15		Antimony Pentoxide	1314-60-9				6.2E+03	7.8E+03		8.1E+02	7.8E+03	
				4.0E-04	H				1.4E+09	1.4E+09	0.15		Antimony Tetroxide	1332-81-6				6.2E+03	7.8E+03		8.1E+02	7.8E+03	
						2.0E-04	I		1.4E+09	1.4E+09	0.15		Antimony Trioxide	1309-64-4				6.2E+03	7.8E+03		8.1E+02	7.8E+03	
1.5E+00	I	4.3E-03	I	3.0E-04	I	1.5E-05	C		1.4E+09	1.4E+09	1	0.03	Arsenic, Inorganic	7440-38-2	7.7E+01	5.5E+02	8.9E+04	6.8E+01	3.9E+01	3.3E+02	2.1E+04	2.1E+04	3.5E+01
				3.5E-06	C	5.0E-05	I		1.4E+09	1.4E+09	1		Arsine	7784-42-1				6.2E+03	7.8E+03		8.1E+02	7.8E+03	
				5.0E-02	I				1.4E+09	1.4E+09	1	0.1	Asulam	3337-71-1				6.2E+03	7.8E+03		8.1E+02	7.8E+03	
2.3E-01	C			3.5E-02	I				1.4E+09	1.4E+09	1	0.1	Atrazine	1912-24-9	3.0E+02	1.1E+03		2.4E+02	2.7E+03	1.2E+04	1.2E+04	1.2E+04	2.2E+03
8.8E-01	C	2.5E-04	C	4.0E-04	I				1.4E+09	1.4E+09	1	0.1	Auramine	492-80-8	7.9E+01	2.8E+02	1.5E+06	6.2E+01	2.7E+03	1.2E+04	1.2E+04	1.2E+04	2.2E+03
									1.4E+09	1.4E+09	1	0.1	Avermectin B1	65195-55-3				6.2E+03	7.8E+03		8.1E+02	7.8E+03	
1.1E-01	I	3.1E-05	I	3.0E-03	A	1.0E-02	A		1.4E+09	5.2E+05	1	0.1	Azinphos-methyl	86-50-0	6.3E+02		4.7E+03	5.6E+02	3.1E+01	1.3E+02	1.4E+07	1.4E+07	1.9E+02
									1.4E+09	1.4E+09	1	0.1	Azobenzene	103-33-3				6.2E+03	7.8E+03		8.1E+02	7.8E+03	
				1.0E+00	P	7.0E-06	P		1.4E+09	1.4E+09	1	0.1	Azodicarbonamide	123-77-3				6.2E+03	7.8E+03		8.1E+02	7.8E+03	
5.0E-01	C	1.5E-01	C	2.0E-01	I	5.0E-04	H		1.4E+09	1.4E+09	0.07		Barium	7440-39-3				6.2E+03	7.8E+03		8.1E+02	7.8E+03	
				2.0E-02	C	2.0E-04	C	M	1.4E+09	1.4E+09	0.025		Barium Chromate	10294-40-3	3.1E+01		9.2E+02	3.0E+01	1.6E+04	1.6E+04	7.1E+05	1.5E+04	1.5E+04
				3.0E-01	I		V		1.4E+09	3.1E+05	1		Benfluralin	1861-40-1				6.2E+03	7.8E+03		8.1E+02	7.8E+03	
				5.0E-02	I				1.4E+09	1.4E+09	1	0.1	Benomyl	17804-35-2				6.2E+03	7.8E+03		8.1E+02	7.8E+03	
				2.0E-01	I				1.4E+09	1.4E+09	1	0.1	Bensulfuron-methyl	83055-99-6				6.2E+03	7.8E+03		8.1E+02	7.8E+03	
				3.0E-02	I				1.4E+09	1.4E+09	1	0.1	Bentazon	25057-89-0				6.2E+03	7.8E+03		8.1E+02	7.8E+03	
4.0E-03	P			1.0E-01	I		V		1.2E+03	1.4E+09	2.3E+04	1		Benzaldehyde	100-52-7	1.7E+04			1.7E+04	7.8E+03		8.1E+02	7.8E+03
5.5E-02	I	7.8E-06	I	4.0E-03	I	3.0E-02	I	V</															

Regional Removal Management Level (RML) Resident Soil Table (TR=1E-04, HQ=1) May 2016

Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-04				Noncancer Child 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 _o (mg/m ³) ⁻¹	k e y	o v e r	muta- gen	C _{mt} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	GIABS	ABS	Analyte	CAS No.	Ingestion SL TR=1E-04 (mg/kg)	Dermal SL TR=1E-04 (mg/kg)	Inhalation SL TR=1E-04 (mg/kg)	Carcinogenic SL TR=1E-04 (mg/kg)	Ingestion SL Child THQ=1 (mg/kg)	Dermal SL Child THQ=1 (mg/kg)	Inhalation SL Child THQ=1 (mg/kg)	Noncarcinogenic SL Child THI=1 (mg/kg)
4.6E-01	H									1.4E+09			1	0.1	Chloro-2-methylaniline HCl, 4-	3165-93-3	1.5E+02	5.4E+02		1.2E+02				
1.0E-01	P	7.7E-05	C	3.0E-03	X					1.4E+09			1	0.1	Chloro-2-methylaniline, 4-	95-69-2	7.0E+02	2.5E+03	5.0E+06	5.4E+02	2.3E+02	9.9E+02		1.9E+02
2.7E-01	X								V	1.2E+04	1.4E+09	1.6E+04	1		Chloroacetaldehyde, 2-	107-20-0	2.6E+02			2.6E+02				
						3.0E-05	I			1.4E+09			1	0.1	Chloroacetic Acid	79-11-8								
										1.4E+09			1	0.1	Chloroacetophenone, 2-	532-27-4						4.3E+04		4.3E+04
2.0E-01	P			4.0E-03	I					1.4E+09			1	0.1	Chloroaniline, p-	106-47-8	3.5E+02	1.2E+03		2.7E+02	3.1E+02	1.3E+03		2.5E+02
				2.0E-02	I	5.0E-02	P	V		7.6E+02	1.4E+09	6.5E+03	1		Chlorobenzene	108-90-7					1.6E+03		3.4E+02	2.8E+02
1.1E-01	C	3.1E-05	C	2.0E-02	I					1.4E+09			1	0.1	Chlorobenzilate	510-15-6	6.3E+02	2.2E+03	1.2E+07	4.9E+02	1.6E+03	6.6E+03		1.3E+03
				3.0E-02	X					1.4E+09			1	0.1	Chlorobenzoic Acid, p-	74-11-3					2.3E+03	9.9E+03		1.9E+03
				3.0E-03	P	3.0E-01	P	V		2.9E+02	1.4E+09	6.8E+03	1		Chlorobenzoic acid, 4-	98-56-6					2.3E+02		2.1E+03	2.1E+02
				4.0E-02	P			V		7.3E+02	1.4E+09	1.8E+03	1		Chlorobutane, 1-	109-69-3					3.1E+03			3.1E+03
				5.0E+01	I	V				1.7E+03	1.4E+09	9.4E+02	1		Chlorodifluoromethane	75-45-6							4.9E+04	4.9E+04
				2.0E-02	P			V		1.1E+05	1.4E+09	7.8E+04	1		Chloroethanol, 2-	107-07-3					1.6E+03			1.6E+03
3.1E-02	C	2.3E-05	I	1.0E-02	I	9.8E-02	A	V		2.5E+03	1.4E+09	2.6E+03	1		Chloroform	67-66-3	2.2E+03		3.2E+01	3.2E+01	7.8E+02		2.7E+02	2.0E+02
				9.0E-02	I	V				1.3E+03	1.4E+09	1.2E+03	1		Chloromethane	74-87-3							1.1E+02	1.1E+02
2.4E+00	C	6.9E-04	C							9.3E+03	1.4E+09	5.3E+03	1		Chloromethyl Methyl Ether	107-30-2	2.9E+01		2.2E+00	2.0E+00				
3.0E-01	P			3.0E-03	P	1.0E-05	X			1.4E+09			1	0.1	Chloronitrobenzene, o-	88-73-3	2.3E+02	8.2E+02		1.8E+02	2.3E+02	9.9E+02	1.4E+04	1.9E+02
6.0E-02	P			7.0E-04	P	2.0E-03	P			1.4E+09			1	0.1	Chloronitrobenzene, p-	100-00-5	1.2E+03	4.1E+03		9.0E+02	5.5E+01	2.3E+02	2.8E+06	4.4E+01
				5.0E-03	I	V				2.7E+04	1.4E+09	1.4E+05	1		Chlorophenol, 2-	95-57-8					3.9E+02			3.9E+02
				4.0E-04	C	V				6.2E+02	1.4E+09	4.7E+03	1		Chloropicrin	76-06-2							2.0E+00	2.0E+00
3.1E-03	C	8.9E-07	C	1.5E-02	I					1.4E+09			1	0.1	Chloroethanol, o-	1897-45-6	2.2E+04	8.0E+04	4.3E+08	1.8E+04	1.2E+03	4.9E+03		9.5E+02
				2.0E-02	I	V				9.1E+02	1.4E+09	8.1E+03	1		Chlorotoluene, o-	95-49-8					1.6E+03			1.6E+03
				2.0E-02	X	V				2.5E+02	1.4E+09	7.3E+03	1		Chlorotoluene, p-	106-43-4					1.6E+03			1.6E+03
2.4E+02	C	6.9E-02	C							1.4E+09			1	0.1	Chlorzotocin	54749-90-5	2.9E-01	1.0E+00	5.5E+03	2.3E-01	1.6E+04	6.6E+04		1.3E+04
				2.0E-01	I					1.4E+09			1	0.1	Chlorpropham	101-21-3					7.8E+01	3.3E+02		6.3E+01
				1.0E-03	A					1.4E+09			1	0.1	Chlorpyrifos	2921-88-2					7.8E+01	3.3E+02		6.3E+01
				1.0E-02	H					1.4E+09			1	0.1	Chlorpyrifos Methyl	5598-13-0					7.8E+02	3.3E+03		6.3E+02
				5.0E-02	I					1.4E+09			1	0.1	Chlorsulfuron	64902-72-3					3.9E+03	1.6E+04		3.2E+03
				1.0E-02	I					1.4E+09			1	0.1	Chlorthal-dimethyl	1861-32-1					7.8E+02	3.3E+03		6.3E+02
				8.0E-04	H					1.4E+09			1	0.1	Chlorthiophos	60238-56-4					6.3E+01	2.6E+02		5.1E+01
				1.5E+00	I					1.4E+09	0.013				Chromium(III), Insoluble Salts	16065-83-1					1.2E+05			1.2E+05
5.0E-01	J	8.4E-02	S	3.0E-03	I	1.0E-04	I	M		1.4E+09	0.025				Chromium(VI)	18540-29-9	3.1E+01		1.6E+03	3.0E+01	2.3E+02		1.4E+05	2.3E+02
										1.4E+09	0.013				Chromium, Total	7440-47-3								
				1.3E-02	I					1.4E+09			1	0.1	Clofentazine	74115-24-5					1.0E+03	4.3E+03		8.2E+02
				3.0E-04	P	6.0E-06	P			1.4E+09			1		Cobalt	7440-48-4			4.2E+04	4.2E+04	2.3E+01		8.5E+03	2.3E+01
				6.2E-04	I					1.4E+09			1		Coke Oven Emissions	8007-45-2								
				4.0E-02	H					1.4E+09			1		Copper	7440-50-8					3.1E+03			3.1E+03
				5.0E-02	I	6.0E-01	C			1.4E+09			1	0.1	Cresol, m-	108-39-4					3.9E+03	1.6E+04	8.5E+08	3.2E+03
				5.0E-02	I	6.0E-01	C			1.4E+09			1	0.1	Cresol, o-	95-48-7					3.9E+03	1.6E+04	8.5E+08	3.2E+03
				1.0E-01	A	6.0E-01	C			1.4E+09			1	0.1	Cresol, p-	106-44-5					7.8E+03	3.3E+04	8.5E+08	6.3E+03
				1.0E-01	A					1.4E+09			1	0.1	Cresol, p-chloro-m-	59-50-7					7.8E+03	3.3E+04		6.3E+03
				1.0E-01	A	6.0E-01	C			1.4E+09			1	0.1	Cresols	1319-77-3					7.8E+03	3.3E+04	8.5E+08	6.3E+03
1.9E+00	H			1.0E-03	P			V		1.7E+04	1.4E+09	1.9E+04	1		Crotonaldehyde, trans-	123-73-9	3.7E+01			3.7E+01	7.8E+01			7.8E+01
				1.0E-01	I	4.0E-01	I	V		2.7E+02	1.4E+09	6.2E+03	1		Cumene	98-82-8					7.8E+03		2.6E+03	1.9E+03
2.2E-01	C	6.3E-05	C							1.4E+09			1	0.1	Cupferron	135-20-6	3.2E+02	1.1E+03	6.1E+06	2.5E+02	1.6E+02	6.6E+02		1.3E+02
8.4E-01	H			2.0E-03	H					1.4E+09			1	0.1	Cyanazine	21725-46-2	8.3E+01	2.9E+02		6.5E+01				
				1.0E-03	I					1.4E+09			1		Cyanides									
				5.0E-03	I					1.4E+09			1		~Calcium Cyanide	592-01-8					7.8E+01			7.8E+01
				6.0E-04	I	8.0E-04	S	V		9.5E+05	1.4E+09	5.3E+04	1		~Copper Cyanide	544-92-3					3.9E+02			3.9E+02
										1.4E+09			1		~Cyanide (CN-)	57-12-5					4.7E+01		4.4E+01	2.3E+01
				1.0E-03	I					1.4E+09			1		~Cyanogen	460-19-5					7.8E+01			7.8E+01
				9.0E-02	I					1.4E+09			1		~Cyanogen Bromide	506-68-3					7.0E+03			7.0E+03
				5.0E-02	I					1.4E+09			1		~Cyanogen Chloride	506-77-4					3.9E+03			3.9E+03
				6.0E-04	I	8.0E-04	I	V		1.0E+07	1.4E+09	5.2E+04	1		~Hydrogen Cyanide	74-90-8					4.7E+01		4.4E+01	2.3E+01
				2.0E-03	I					1.4E+09			1		~Potassium Cyanide	151-50-8					1.6E+02			1.6E+02
				5.0E-03	I					1.4E+09	0.04				~Potassium Silver Cyanide	506-61-6					3.9E+02			3.9E+02
				1.0E-01	I					1.4E+09	0.04				~Silver Cyanide	506-64-9					7.8E+03			7.8E+03
				1.0E-03	I					1.4E+09														

Regional Removal Management Level (RML) Resident Soil Table (TR=1E-04, HQ=1) May 2016

Key: I = IRIS; P = PPRVT; A = ATSDR; C = Cal EPA; X = APPENDIX PPRVT SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)														Contaminant		Carcinogenic Target Risk (TR) = 1E-04				Noncancer Child Hazard Index (HI) = 1							
Toxicity and Chemical-specific Information														Analyte		Carcinogenic Target Risk (TR) = 1E-04				Noncancer Child 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 _o (mg/m ³) ⁻¹	k e y	o v o l u t i l e	muta- gen	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	GIABS	ABS	CAS No.	Ingestion SL TR=1E-04 (mg/kg)	Dermal SL TR=1E-04 (mg/kg)	Inhalation SL TR=1E-04 (mg/kg)	Carcinogenic SL TR=1E-04 (mg/kg)	Ingestion SL Child THQ=1 (mg/kg)	Dermal SL Child THQ=1 (mg/kg)	Inhalation SL Child THQ=1 (mg/kg)	Noncarcinogenic SL Child THI=1 (mg/kg)				
				2.0E-04	X						1.4E+09			1	*Thiocyanic Acid	463-56-9							1.6E+01		1.6E+01		
				5.0E-02	I						1.4E+09			1	*Zinc Cyanide	557-21-1							3.9E+03		3.9E+03		
				6.0E+00	I	V				1.2E+02	1.4E+09	1.0E+03		1	Cyclohexane	110-82-7						6.5E+03		6.5E+03			
2.3E-02		H		5.0E+00	I	7.0E-01	P	V		5.1E+03	1.4E+09	4.2E+04		1	Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	3.0E+03	1.1E+04		2.4E+03			3.9E+05		3.0E+04	2.8E+04	
				5.0E-03	P	1.0E+00	X	V		2.8E+02	1.4E+09	1.5E+03		1	Cyclohexanone	108-94-1							3.9E+02		1.5E+03	3.1E+02	
				2.0E-01	I			V		2.9E+05	1.4E+09	7.5E+04		1	Cyclohexylamine	108-91-8							1.6E+04			1.6E+04	
				2.5E-02	I					1.4E+09				1	0.1	Cyfluthrin	68359-37-5					2.0E+03	8.2E+03		1.6E+03		
				5.0E-03	I					1.4E+09				1	0.1	Cyhalothrin	68085-85-8					3.9E+02	1.6E+03		3.2E+02		
				1.0E-02	I					1.4E+09				1	0.1	Cypermethrin	52315-07-8					7.8E+02	3.3E+03		6.3E+02		
				7.5E-03	I					1.4E+09				1	0.1	Cyromazine	66215-27-8					5.9E+02	2.5E+03		4.7E+02		
2.4E-01	I	6.9E-05	C							1.4E+09				1	0.1	DDD	72-54-8	2.9E+02	1.0E+03	5.5E+06	2.3E+02						
3.4E-01	I	9.7E-05	C					V		1.4E+09	2.1E+06			1		DDE, p,p'-	72-55-9	2.0E+02		6.1E+03	2.0E+02						
3.4E-01	I	9.7E-05	C	5.0E-04	I					1.4E+09				1	0.03	DDT	50-29-3	2.0E+02	2.4E+03	3.9E+06	1.9E+02			3.9E+01	5.5E+02	3.7E+01	
				3.0E-02	I					1.4E+09				1	0.1	Dalapon	75-99-0					2.3E+03	9.9E+03		1.9E+03		
1.8E-02	C	5.1E-06	C	1.5E-01	I					1.4E+09				1	0.1	Daminozide	1596-84-5	3.9E+03	1.4E+04	7.5E+07	3.0E+03			1.2E+04	4.9E+04	9.5E+03	
7.0E-04	I			7.0E-03	I					1.4E+09				1	0.1	Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'-(BDE-209)	1163-19-5	9.9E+04	3.5E+05		7.8E+04			5.5E+02	2.3E+03	4.4E+02	
				4.0E-05	I					1.4E+09				1	0.1	Demeton	8065-48-3					3.1E+00	1.3E+01		2.5E+00		
1.2E-03	I			6.0E-01	I					1.4E+09				1	0.1	Di(2-ethylhexyl)adipate	103-23-1	5.8E+04	2.1E+05		4.5E+04			4.7E+04	2.0E+05	3.8E+04	
6.1E-02	H			7.0E-04	A					1.4E+09				1	0.1	Diallate	2303-16-4	1.1E+03	4.1E+03		8.9E+02			5.5E+01	2.3E+02	4.4E+01	
				1.0E-02	X			V		1.4E+09	5.2E+05			1		Dibenzothiophene	132-65-0							7.8E+02		7.8E+02	
8.0E-01	P	6.0E-03	P	2.0E-04	P	2.0E-04	I	V	M	9.8E+02	1.4E+09	3.2E+04		1		Dibromo-3-chloropropane, 1,2-	96-12-8	1.9E+01		5.4E-01	5.3E-01			1.6E+01	6.7E+00	4.7E+00	
				4.0E-04	X			V		1.6E+02	1.4E+09	1.9E+04		1		Dibromobenzene, 1,3-	108-36-1							3.1E+01		3.1E+01	
				1.0E-02	I			V		1.4E+09	2.7E+04			1		Dibromobenzene, 1,4-	106-37-6							7.8E+02		7.8E+02	
8.4E-02	I			2.0E-02	I			V		8.0E+02	1.4E+09	8.0E+03		1		Dibromochloromethane	124-48-1	8.3E+02		8.3E+02				1.6E+03		1.6E+03	
2.0E+00	I	6.0E-04	I	9.0E-03	I	9.0E-03	I	V		1.3E+03	1.4E+09	8.6E+03		1		Dibromoethane, 1,2-	106-93-4	3.5E+01		4.0E+00	3.6E+00			7.0E+02	8.1E+01	7.3E+01	
				4.0E-03	X	V				2.8E+03	1.4E+09	5.6E+03		1		Dibromomethane (Methylene Bromide)	74-95-3							2.4E+01		2.4E+01	
				3.0E-04	P					1.4E+09				1	0.1	Dibutyltin Compounds	NA							2.3E+01	9.9E+01	1.9E+01	
				3.0E-02	I					1.4E+09				1	0.1	Dicamba	1918-00-9							2.3E+03	9.9E+03	1.9E+03	
4.2E-03	P							V		5.5E+02	1.4E+09	3.2E+03		1		Dichloro-2-butene, 1,4-	764-41-0			2.1E-01	2.1E-01						
4.2E-03	P							V		5.2E+02	1.4E+09	1.1E+04		1		Dichloro-2-butene, cis-1,4-	1476-11-5			7.4E-01	7.4E-01						
4.2E-03	P							V		7.6E+02	1.4E+09	1.1E+04		1		Dichloro-2-butene, trans-1,4-	110-57-6			7.4E-01	7.4E-01						
5.0E-02	I			4.0E-03	I					1.4E+09				1	0.1	Dichloroacetic Acid	79-43-6	1.4E+03	4.9E+03		1.1E+03			3.1E+02	1.3E+03	2.5E+02	
				9.0E-02	I	2.0E-01	H	V		3.8E+02	1.4E+09	1.2E+04		1		Dichlorobenzene, 1,2-	95-50-1							7.0E+03		2.4E+03	1.8E+03
5.4E-03	C	1.1E-05	C	7.0E-02	A	8.0E-01	I	V		1.4E+09	1.0E+04			1		Dichlorobenzene, 1,4-	106-46-7	1.3E+04		2.7E+02	2.6E+02			5.5E+03	8.7E+03	3.4E+03	
4.5E-01	I	3.4E-04	C							1.4E+09				1	0.1	Dichlorobenzidine, 3,3'-	91-94-1	1.5E+02	5.5E+02	1.1E+06	1.2E+02			7.0E+02	3.0E+03	5.7E+02	
				9.0E-03	X					1.4E+09				1	0.1	Dichlorobenzophenone, 4,4'-	90-98-2							1.6E+04		8.8E+01	8.7E+01
				2.0E-01	I	1.0E-01	X	V		8.5E+02	1.4E+09	8.4E+02		1		Dichlorodifluoromethane	75-71-8							1.6E+04		1.6E+04	
5.7E-03	C	1.6E-06	C	2.0E-01	P			V		1.7E+03	1.4E+09	2.1E+03		1		Dichloroethane, 1,1-	75-34-3	1.2E+04		3.7E+02	3.6E+02			1.6E+04		1.6E+04	
9.1E-02	I	2.6E-05	I	6.0E-03	X	7.0E-03	P	V		3.0E+03	1.4E+09	4.6E+03		1		Dichloroethane, 1,2-	107-06-2	7.6E+02		4.9E+01	4.6E+01			4.7E+02		3.3E+01	3.1E+01
				5.0E-02	I	2.0E-01	I	V		1.2E+03	1.4E+09	1.2E+03		1		Dichloroethylene, 1,1-	75-35-4							3.9E+03		2.4E+02	2.3E+02
				2.0E-03	I			V		2.4E+03	1.4E+09	2.5E+03		1		Dichloroethylene, 1,2-cis-	156-59-2							1.6E+02		1.6E+02	
				2.0E-02	I			V		1.9E+03	1.4E+09	1.8E+03		1		Dichloroethylene, 1,2-trans-	156-60-5							1.6E+03		1.6E+03	
				3.0E-03	I					1.4E+09				1	0.1	Dichlorophenol, 2,4-	120-83-2							2.3E+02	9.9E+02	1.9E+02	
				1.0E-02	I					1.4E+09				1	0.05	Dichlorophenoxy Acetic Acid, 2,4-	94-75-7							7.8E+02	6.6E+03	7.0E+02	
				8.0E-03	I					1.4E+09				1	0.1	Dichlorophenoxybutyric Acid, 4-(2,4-	94-82-6							6.3E+02	2.6E+03	5.1E+02	
3.6E-02	C	1.0E-05	C	9.0E-02	A	4.0E-03	I	V		1.4E+03	1.4E+09	3.8E+03		1		Dichloropropane, 1,2-	78-87-5	1.9E+03		1.1E+02	1.0E+02			7.0E+03	1.6E+01	1.6E+01	
				2.0E-02	P			V		1.5E+03	1.4E+09	6.8E+03		1		Dichloropropane, 1,3-	142-28-9							1.6E+03		1.6E+03	
				3.0E-03	I					1.4E+09				1	0.1	Dichloropropanol, 2,3-	616-23-9							2.3E+02	9.9E+02	1.9E+02	
1.0E-01	I	4.0E-06	I	3.0E-02	I	2.0E-02	I	V		1.6E+03	1.4E+09	3.6E+03		1		Dichloropropene, 1,3-	542-75-6	7.0E+02		2.5E+02	1.8E+02			2.3E+03	7.4E+01	7.2E+01	
2.9E-01	I	8.3E-05	C	5.0E-04	I	5.0E-04	I			1.4E+09				1	0.1	Dichlorvos	62-73-7	2.4E+02	8.5E+02	4.6E+06	1.9E+02			3.9E+01	1.6E+02	7.1E+05	3.2E+01
				1.0E-04	I					1.4E+09				1	0.1	Dicrotophos	141-66-2				</						

Regional Removal Management Level (RML) Resident Soil Table (TR=1E-04, HQ=1) May 2016

Key: I = IRIS; P = PPRVT; A = ATSDR; C = Cal EPA; X = APPENDIX PPRVT SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)																					
Toxicity and Chemical-specific Information												Contaminant		Carcinogenic Target Risk (TR) = 1E-04				Noncancer Child Hazard Index (HI) = 1			
SFO (mg/kg-day) ⁻¹	k e IUR (ug/m ³) ⁻¹	k e RfD _o (mg/kg-day)	k e RfC _o (mg/m ³)	k e V o muta- gen	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	GIABS	ABS	Analyte	CAS No.	Ingestion SL TR=1E-04 (mg/kg)	Dermal SL TR=1E-04 (mg/kg)	Inhalation SL TR=1E-04 (mg/kg)	Carcinogenic SL TR=1E-04 (mg/kg)	Child THQ=1 (mg/kg)	Child THQ=1 (mg/kg)	Child THQ=1 (mg/kg)	Child THI=1 (mg/kg)		
		1.0E-03	P	V	1.1E+05	1.4E+09	1.4E+05	1	0.1	Diethylformamide	617-84-5					7.8E+01			7.8E+01		
3.5E+02	C 1.0E-01	C				1.4E+09			1	0.1	Diethylstilbestrol	56-53-1	2.0E-01	7.1E-01	3.8E+03	1.6E-01					
		8.0E-02	I			1.4E+09			1	0.1	Difenzoquat	43222-48-6					6.3E+03	2.6E+04		5.1E+03	
		2.0E-02	I			1.4E+09			1	0.1	Diffubenzuron	35367-38-5					1.6E+03	6.6E+03		1.3E+03	
4.4E-02	C 1.3E-05	C				1.4E+03	1.4E+09	1.2E+03	1		Difluoroethane, 1,1-Dihydrosafrole	75-37-6	1.6E+03		2.7E+03	9.9E+02			4.8E+04	4.8E+04	
						1.4E+09	1.2E+05		1		Diisopropyl Ether	94-58-6							2.2E+03	2.2E+03	
		8.0E-02	I	V		5.3E+02	1.4E+09	3.8E+04	1		Diisopropyl Methylphosphonate	1445-75-6					6.3E+03			6.3E+03	
		2.0E-02	I			1.4E+09			1	0.1	Dimethipin	55290-64-7					1.6E+03	6.6E+03		1.3E+03	
		2.0E-04	I			1.4E+09			1	0.1	Dimethoate	60-51-5					1.6E+01	6.6E+01		1.3E+01	
1.6E+00	P					1.4E+09			1	0.1	Dimethoxybenzidine, 3,3'-	119-90-4	4.3E+01	1.5E+02		3.4E+01					
1.7E-03	P					1.4E+09			1	0.1	Dimethyl methylphosphonate	756-79-6	4.1E+04	1.5E+05		3.2E+04	4.7E+03	2.0E+04		3.8E+03	
4.6E+00	C 1.3E-03	C				1.4E+09			1	0.1	Dimethylamino azobenzene [p-]	60-11-7	1.5E+01	5.4E+01	2.9E+05	1.2E+01					
5.8E-01	H					1.4E+09			1	0.1	Dimethylaniline HCl, 2,4-	21436-96-4	1.2E+02	4.3E+02		9.4E+01					
2.0E-01	P					1.4E+09			1	0.1	Dimethylaniline, 2,4-Dimethylaniline, N,N-	95-68-1	3.5E+02	1.2E+03		2.7E+02	1.6E+02	6.6E+02		1.3E+02	
		2.0E-03	I	V		8.3E+02	1.4E+09	3.1E+04	1		Dimethylaniline, N,N-	121-69-7					1.6E+02			1.6E+02	
1.1E+01	P					1.4E+09			1	0.1	Dimethylbenzidine, 3,3'-	119-93-7	6.3E+00	2.2E+01		4.9E+00					
		1.0E-01	P	3.0E-02	I	V	1.1E+05	1.4E+09	1.3E+05	1		Dimethylformamide	68-12-2					7.8E+03		4.0E+03	2.6E+03
		1.0E-04	X	2.0E-06	X	V	1.7E+05	1.4E+09	2.8E+04	1		Dimethylhydrazine, 1,1-	57-14-7					7.8E+00		5.8E-02	5.7E-02
5.5E+02	C 1.6E-01	C				1.4E+09			1		Dimethylhydrazine, 1,2-	540-73-8	1.3E-01		2.9E-01	8.8E-02					
		2.0E-02	I			1.4E+09			1	0.1	Dimethylphenol, 2,4-	105-67-9					1.6E+03	6.6E+03		1.3E+03	
		6.0E-04	I			1.4E+09			1	0.1	Dimethylphenol, 2,6-	576-26-1					4.7E+01	2.0E+02		3.8E+01	
4.5E-02	C 1.3E-05	C				1.4E+09			1	0.1	Dimethylphenol, 3,4-	95-65-8					7.8E+01	3.3E+02		6.3E+01	
		8.0E-05	X			4.7E+02	1.4E+09	5.5E+03	1		Dimethylvinylchloride	513-37-1	1.5E+03		1.2E+02	1.1E+02					
						1.4E+09			1	0.1	Dinitro-o-cresol, 4,6-	534-52-1					6.3E+00	2.6E+01		5.1E+00	
		2.0E-03	I			1.4E+09			1	0.1	Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5					1.6E+02	6.6E+02		1.3E+02	
		1.0E-04	P			1.4E+09			1	0.1	Dinitrobenzene, 1,2-	528-29-0					7.8E+00	3.3E+01		6.3E+00	
		1.0E-04	I			1.4E+09			1	0.1	Dinitrobenzene, 1,3-	99-65-0					7.8E+00	3.3E+01		6.3E+00	
		1.0E-04	P			1.4E+09			1	0.1	Dinitrobenzene, 1,4-	100-25-4					7.8E+00	3.3E+01		6.3E+00	
6.8E-01	I					1.4E+09			1	0.1	Dinitrophenol, 2,4-	51-28-5					1.6E+02	6.6E+02		1.3E+02	
		2.0E-03	I			1.4E+09			1	0.1	Dinitrotoluene Mixture, 2,4/2,6-	NA	1.0E+02	3.6E+02		8.0E+01					
3.1E-01	C 8.9E-05	C				1.4E+09			1	0.102	Dinitrotoluene, 2,4-	121-14-2	2.2E+02	7.8E+02	4.3E+06	1.7E+02	1.6E+02	6.5E+02		1.3E+02	
1.5E+00	P					1.4E+09			1	0.099	Dinitrotoluene, 2,6-	606-20-2	4.6E+01	1.7E+02		3.6E+01	2.3E+01	1.0E+02		1.9E+01	
		2.0E-03	S			1.4E+09			1	0.006	Dinitrotoluene, 2-Amino-4,6-	35572-78-2					1.6E+02	1.1E+04		1.5E+02	
4.5E-01	X					1.4E+09			1	0.009	Dinitrotoluene, 4-Amino-2,6-	19406-51-0					1.6E+02	7.3E+03		1.5E+02	
		9.0E-04	X			1.4E+09			1	0.1	Dinitrotoluene, Technical grade	25321-14-6	1.5E+02	5.5E+02		1.2E+02	7.0E+01	3.0E+02		5.7E+01	
		1.0E-03	I			1.4E+09			1	0.1	Dinoseb	88-85-7					7.8E+01	3.3E+02		6.3E+01	
1.0E-01	I 5.0E-06	I	3.0E-02	I	V	1.2E+05	1.4E+09	4.0E+04	1		Dioxane, 1,4-	123-91-1	7.0E+02		2.2E+03	5.3E+02	2.3E+03		1.2E+03	8.1E+02	
6.2E+03	I 1.3E+00	I				1.4E+09			1	0.03	Dioxins	NA									
						1.4E+09			1	0.03	*Hexachlorodibenzo-p-dioxin, Mixture	NA	1.1E-02	1.3E-01	2.9E+02	1.0E-02					
1.3E+05	C 3.8E+01	C	7.0E-10	I	4.0E-08	C	V	1.4E+09	2.0E+06	1	0.03	*TCDD, 2,3,7,8-	1746-01-6	5.3E-04	6.3E-03	1.4E-02	4.8E-04	5.5E-05	7.7E-04	8.2E-02	5.1E-05
		3.0E-02	I			1.4E+09			1	0.1	Diphenamid	957-51-7					2.3E+03	9.9E+03		1.9E+03	
		8.0E-04	X			1.4E+09			1	0.1	Diphenyl Sulfone	127-63-9					6.3E+01	2.6E+02		5.1E+01	
		2.5E-02	I			1.4E+09			1	0.1	Diphenylamine	122-39-4					2.0E+03	8.2E+03		1.6E+03	
8.0E-01	I 2.2E-04	I				1.4E+09			1	0.1	Diphenylhydrazine, 1,2-	122-66-7	8.7E+01	3.1E+02	1.7E+06	6.8E+01					
		2.2E-03	I			1.4E+09			1	0.1	Diquat	85-00-7					1.7E+02	7.3E+02		1.4E+02	
7.1E+00	C 1.4E-01	C				1.4E+09			1	0.1	Direct Black 38	1937-37-7	9.8E+00	3.5E+01	2.7E+03	7.6E+00					
7.4E+00	C 1.4E-01	C				1.4E+09			1	0.1	Direct Blue 6	2602-46-2	9.4E+00	3.3E+01	2.7E+03	7.3E+00					
6.7E+00	C 1.4E-01	C				1.4E+09			1	0.1	Direct Brown 95	16071-86-6	1.0E+01	3.7E+01	2.7E+03	8.1E+00					
		4.0E-05	I			1.4E+09			1	0.1	Disulfoton	298-04-4					3.1E+00	1.3E+01		2.5E+00	
		1.0E-02	I	V		1.4E+09	4.5E+04		1		Dithiane, 1,4-	505-29-3					7.8E+02			7.8E+02	
		2.0E-03	I			1.4E+09			1	0.1	Diuron	330-54-1					1.6E+02	6.6E+02		1.3E+02	
		4.0E-03	I			1.4E+09			1	0.1	Dodine	2439-10-3					3.1E+02	1.3E+03		2.5E+02	
		2.5E-02	I	V		1.4E+09	1.2E+05		1		EPTC	759-94-4					2.0E+03			2.0E+03	
		6.0E-03	I	V		1.4E+09	4.1E+05		1		Endosulfan	115-29-7					4.7E+02			4.7E+02	
		2.0E-02	I			1.4E+09			1	0.1	Endothall	145-73-3					1.6E+03	6.6E+03		1.3E+03	
		3.0E-04	I			1.4E+09			1	0.1	Endrin	72-20-8					2.3E+01	9.9E+01		1.9E+01	
9.9E-03	I 1.2E-06	I	6.0E-03	P	1.0E-03	I	V	1.1E+04	1.4E+09	1.9E+04	1						4.7E+02		2.0E+01	1.9E+01	
		2.0E-02	I	V		1.5E+04	1.4E+09	7.7E+03	1		Epoxybutane, 1,2-	106-88-7							1.6E+02	1.6E+02	

Regional Removal Management Level (RML) Resident Soil Table (TR=1E-04, HQ=1) May 2016

Key: I = IRIS; P = PPRVT; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)																									
Toxicity and Chemical-specific Information												Contaminant		Carcinogenic Target Risk (TR) = 1E-04				Noncancer Child 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 _o (mg/m ³)	k e y	o v o l u t i l i t y	muta- gen	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	GIABS	ABS	Analyte	CAS No.	Ingestion SL TR=1E-04 (mg/kg)	Dermal SL TR=1E-04 (mg/kg)	Inhalation SL TR=1E-04 (mg/kg)	Carcinogenic SL TR=1E-04 (mg/kg)	Ingestion SL Child THQ=1 (mg/kg)	Dermal SL Child THQ=1 (mg/kg)	Inhalation SL Child THQ=1 (mg/kg)	Noncarcinogenic SL Child THI=1 (mg/kg)	
				4.0E-02 5.0E-03	P I					1.4E+09 1.4E+09			1	0.1	Ethanol, 2-(2-methoxyethoxy)- Ethephon	111-77-3 16672-87-0					3.1E+03 3.9E+02	1.3E+04 1.6E+03		2.5E+03 3.2E+02	
				5.0E-04	I					1.4E+09			1	0.1	Ethion	563-12-2					3.9E+01	1.6E+02		3.2E+01	
				1.0E-01 9.0E-02	P P	6.0E-02 2.0E-01	V I			2.4E+04 1.1E+05	1.4E+09 1.4E+09	6.2E+04 9.8E+04	1	1	Ethoxyethanol Acetate, 2- Ethoxyethanol, 2-	111-15-9 110-80-5					7.8E+03 7.0E+03		3.8E+03 2.1E+04	2.6E+03 5.2E+03	
				9.0E-01 5.0E-03	I P	7.0E-02 8.0E-03	P I	V V		1.1E+04 2.5E+03	1.4E+09 1.4E+09	8.6E+03 6.3E+03	1	1	Ethyl Acetate Ethyl Acrylate Ethyl Chloride (Chloroethane)	141-78-6 140-88-5 75-00-3					7.0E+04 3.9E+02	6.3E+02 5.3E+01	6.2E+02 4.7E+01	1.4E+04	
				2.0E-01 1.0E-05	I I			V P		1.0E+04 3.0E+01	1.4E+09 1.4E+09	3.1E+03 5.8E+03	1	1	Ethyl Ether Ethyl Methacrylate Ethyl-p-nitrophenyl Phosphonate	60-29-7 97-63-2 2104-64-5					1.6E+04 7.8E-01		1.8E+03	1.6E+04 6.3E-01	
1.1E-02	C	2.5E-06	C	1.0E-01 7.0E-02 9.0E-02	I P P	1.0E+00 1.4E+09 1.9E+05	I V V			4.8E+02 1.4E+09 1.4E+09	1.4E+09 1.4E+09 1.8E+05	5.7E+03	1	0.1	Ethylbenzene Ethylene Cyanohydrin Ethylene Diamine	100-41-4 109-78-4 107-15-3	6.3E+03		6.4E+02	5.8E+02	7.8E+03 5.5E+03 7.0E+03	2.3E+04	5.9E+03	3.4E+03 4.4E+03 7.0E+03	
3.1E-01	C	8.8E-05	C	2.0E+00 1.0E-01	I I	4.0E-01 1.6E+00	C I			1.4E+09 1.4E+09	1.4E+09	1	0.1	Ethylene Glycol Ethylene Glycol Monobutyl Ether Ethylene Oxide	107-21-1 111-76-2 75-21-8	2.2E+02		1.9E+01	1.8E+01	1.6E+05 7.8E+03	6.6E+05 3.3E+04	5.7E+08 2.3E+09	1.3E+05 6.3E+03		
4.5E-02 6.5E+01	C C	1.3E-05 1.9E-02	C C	8.0E-05 3.0E+00	I I	4.0E-01 1.6E+00	C V			1.4E+09 1.5E+05	1.4E+09 2.4E+04	1	0.1	Ethylene Thiourea Ethyleneimine Ethylphthalyl Ethyl Glycolate	96-45-7 151-56-4 84-72-0	1.5E+03 1.1E+00	5.5E+03	2.9E+07 3.5E-01	1.2E+03 2.7E-01	6.3E+00 2.3E+00	2.6E+01	5.7E+08 2.3E+09	1.3E+05 6.3E+03		
				2.5E-04 2.5E-02 2.5E-02	I I I					1.4E+09 1.4E+09 1.4E+09	1	0.1	Fenamiphos Fenpropathrin Fenvalerate	22224-92-6 39515-41-8 51630-58-1					2.0E+01 2.0E+03 2.0E+03	8.2E+01 8.2E+03 8.2E+03			1.6E+01 1.6E+03 1.6E+03		
				1.3E-02 4.0E-02 6.0E-02	I C I	1.4E+09 1.3E-02 1.3E-02	C C			1.4E+09 1.4E+09	1	0.1	Fluometuron Fluoride Fluorine (Soluble Fluoride)	2164-17-2 16984-48-8 7782-41-4							1.0E+03 3.1E+03 4.7E+03	4.3E+03 1.8E+07 1.8E+07		8.2E+02 3.1E+03 4.7E+03	
				8.0E-02 2.0E-02 7.0E-04	I I I					1.4E+09 1.4E+09 1.4E+09	1	0.1	Fluridone Flurprimidol Flusilazole	59756-60-4 56425-91-3 85509-19-9							6.3E+03 1.6E+03 5.5E+01	2.6E+04 6.6E+03 2.3E+02		5.1E+03 1.3E+03 4.4E+01	
3.5E-03	I			6.0E-02 1.0E-02 1.0E-01	I I I					1.4E+09 1.4E+09 1.4E+09	1	0.1	Flutolanil Flutolanil Folpet	66332-96-5 69409-94-5 133-07-3					2.0E+04	7.1E+04	1.6E+04	4.7E+03 7.8E+02 7.8E+03	2.0E+04 3.3E+03 3.3E+04		3.8E+03 6.3E+02 6.3E+03
1.9E-01	I			2.0E-03 1.3E-05	I I					1.4E+09 1.4E+09	1	0.1	Fomesafen Fonofos Formaldehyde	72178-02-0 944-22-9 50-00-0	3.7E+02	1.3E+03		2.9E+02			1.6E+02 1.6E+04	6.6E+02	8.0E+02	1.3E+02 7.6E+02	
				9.0E-01 3.0E+00	P I	3.0E-04 1.4E+09	X V			1.1E+05 1.4E+09	1.4E+09 9.3E+04	1	0.1	Formic Acid Fosetyl-AL Furans	64-18-6 39148-24-8					7.0E+04 2.3E+05	2.9E+01 9.9E+05		2.9E+01 1.9E+05		
				1.0E-03 1.0E-03 9.0E-01	X I I		V V V			1.4E+09 6.2E+03 1.7E+05	1.6E+05 2.6E+03 1.2E+04	1	0.03	**Dibenzofuran **Furan **Tetrahydrofuran	132-64-9 110-00-9 109-99-9					7.8E+01 7.8E+01 7.0E+04	1.1E+03 1.1E+03 9.9E+05		7.3E+01 7.3E+01 1.8E+04		
3.8E+00 1.5E+00	H C			3.0E-03	I	5.0E-02	H V			1.0E+04 1.4E+09	4.9E+04	1	0.1	Furazolidone Furfural Furium	67-45-8 98-01-1 531-82-8	1.8E+01	6.5E+01		1.4E+01	2.3E+02		2.5E+03	2.1E+02		
3.0E-02	I	8.6E-06	C	4.0E-04	I					1.4E+09 1.4E+09 1.4E+09	1	0.1	Furmecycloz Glufosinate, Ammonium Glutaraldehyde	60568-05-0 77182-82-2 111-30-8	2.3E+03	8.2E+03	4.4E+07	1.8E+03	3.1E+01	1.3E+02		1.1E+05	2.5E+01 1.1E+05		
				4.0E-04 1.0E-01 1.0E-02	I I X	1.0E-03	H V V			1.1E+05 1.4E+09 1.4E+09	1.4E+09 8.4E+04 1.5E+05	1	0.1	Glycidyl Glyphosate Guanidine	765-34-4 1071-83-6 113-00-8					3.1E+01 7.8E+03 7.8E+02	3.3E+04	8.8E+01	2.3E+01 6.3E+03 7.8E+02		
4.5E+00 9.1E+00	I I	1.3E-03 2.6E-03	I I	2.0E-02 5.0E-04	P I		V V			1.4E+09 1.4E+09	4.8E+05	1	0.1	Guanidine Chloride Haloxypol, Methyl Heptachlor	50-01-1 69806-40-2 76-44-8	1.5E+01		1.0E+02	1.3E+01	1.6E+03 3.9E+00 3.9E+01	6.6E+03 1.6E+01		1.3E+03 3.2E+00 3.9E+01		
				1.6E+00 7.8E-02 6.3E+00	I I I	4.6E-04 2.2E-05 1.0E-03	I I P			1.4E+09 1.7E+01 1.4E+09	6.8E+04 1.1E+04	1	0.1	Hexachlorobenzene Hexachlorobutadiene Hexachlorocyclohexane, Alpha-	118-74-1 87-68-3 319-84-6	4.3E+01 8.9E+02 1.1E+01	4.1E+01 1.4E+02	2.1E+01 1.2E+02	6.3E+01 7.8E+01 6.3E+02	2.6E+03		6.3E+01 7.8E+01 2.6E+03	1.3E+01 7.8E+01 5.1E+02		

Regional Removal Management Level (RML) Resident Soil Table (TR=1E-04, HQ=1) May 2016

Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-04				Noncancer Child 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 _o (mg/m ³)	k e y	o v e r	muta- gen	C _{int} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	GIABS	ABS	Analyte	CAS No.	Ingestion SL TR=1E-04 (mg/kg)	Dermal SL TR=1E-04 (mg/kg)	Inhalation SL TR=1E-04 (mg/kg)	Carcinogenic SL TR=1E-04 (mg/kg)	Ingestion SL Child THQ=1 (mg/kg)	Dermal SL Child THQ=1 (mg/kg)	Inhalation SL Child THQ=1 (mg/kg)	Noncarcinogenic SL Child THI=1 (mg/kg)		
1.8E+00	I	5.3E-04	I								1.4E+09			1	0.1	Hexachlorocyclohexane, Beta-	319-85-7	3.9E+01	1.4E+02	7.2E+05	3.0E+01					
1.1E+00	C	3.1E-04	C	3.0E-04	I						1.4E+09			1	0.04	Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	6.3E+01	5.6E+02	1.2E+06	5.7E+01				2.1E+01	
1.8E+00	I	5.1E-04	I								1.4E+09			1	0.1	Hexachlorocyclohexane, Technical	608-73-1	3.9E+01	1.4E+02	7.5E+05	3.0E+01					
4.0E-02	I	1.1E-05	C	6.0E-03	I	2.0E-04	I	V		1.6E+01	1.4E+09	8.5E+03		1		Hexachlorocyclopentadiene	77-47-4								1.8E+00	
				7.0E-04	I	3.0E-02	I	V			1.4E+09	8.0E+03		1		Hexachloroethane	67-72-1	1.7E+03		2.0E+02	1.8E+02				2.5E+02	
				3.0E-04	I						1.4E+09			1	0.1	Hexachlorophene	70-30-4								1.9E+01	
1.1E-01	I			3.0E-03	I						1.4E+09			1	0.015	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4	6.3E+02	1.5E+04		6.1E+02					2.3E+02
						1.0E-05	I	V		3.4E+03	1.4E+09	3.0E+05		1		Hexamethylene Diisocyanate, 1,6-Hexamethylphosphoramide	822-06-0								3.1E+00	
				4.0E-04	P						1.4E+09			1	0.1		680-31-9								2.5E+01	
						7.0E-01	I	V		1.4E+02	1.4E+09	8.3E+02		1		Hexane, N-	110-54-3								6.1E+02	
				2.0E+00	P						1.4E+09			1	0.1	Hexanedioic Acid	124-04-9								1.3E+05	
				5.0E-03	I	3.0E-02	I	V		3.3E+03	1.4E+09	1.3E+04		1		Hexanone, 2-	591-78-6								2.0E+02	
				3.3E-02	I						1.4E+09			1	0.1	Hexazinone	51235-04-2								2.1E+03	
				2.5E-02	I						1.4E+09			1	0.1	Hexythiazox	78587-05-0								1.6E+03	
				3.0E-04	I						1.4E+09			1	0.1	Hydranmethylnon	67485-29-4								1.9E+01	
3.0E+00	I	4.9E-03	I			3.0E-05	P	V			1.4E+09			1		Hydrazine	302-01-2	2.3E+01		7.8E+04	2.3E+01				4.3E+04	
3.0E+00	I	4.9E-03	I								1.4E+09			1		Hydrazine Sulfate	10034-93-2	2.3E+01		7.8E+04	2.3E+01				2.8E+07	
						2.0E-02	I	V			1.4E+09			1		Hydrogen Chloride	7647-01-0								2.8E+07	
				4.0E-02	C	1.4E-02	C	V			1.4E+09			1		Hydrogen Fluoride	7664-39-3								3.1E+03	
6.0E-02	P			2.0E-03	I	V					1.4E+09			1		Hydrogen Sulfide	7783-06-4								2.8E+06	
				4.0E-02	P						1.4E+09			1	0.1	Hydroquinone	123-31-9	1.2E+03	4.1E+03		9.0E+02				3.1E+03	
				1.3E-02	I						1.4E+09			1	0.1	Imazalil	35554-44-0								1.0E+03	
				2.5E-01	I						1.4E+09			1	0.1	Imazaquin	81335-37-7								4.3E+03	
				2.5E-01	I						1.4E+09			1	0.1	Imazethapyr	81335-77-5								8.2E+02	
				1.0E-02	A						1.4E+09			1		Iodine	7553-56-2								1.6E+04	
				4.0E-02	I						1.4E+09			1	0.1	Iprodione	36734-19-7								1.6E+04	
				7.0E-01	P						1.4E+09			1		Iron	7439-89-6								1.6E+04	
				3.0E-01	I			V		1.0E+04	1.4E+09	2.8E+04		1		Isobutyl Alcohol	78-83-1								7.8E+02	
9.5E-04	I			2.0E-01	I	2.0E+00	C				1.4E+09			1	0.1	Isophorone	78-59-1	7.3E+04	2.6E+05		5.7E+04				2.3E+04	
				1.5E-02	I			V			1.4E+09	4.2E+05		1		Isopropalin	33820-53-0								1.3E+04	
				2.0E+00	P	2.0E-01	P	V		1.1E+05	1.4E+09	2.8E+04		1		Isopropyl alcohol	67-63-0								2.3E+04	
				1.0E-01	I						1.4E+09			1	0.1	Isopropyl Methylphosphonic Acid	1832-54-8								5.6E+03	
				5.0E-02	I						1.4E+09			1	0.1	Isoxaben	82558-50-7								6.3E+03	
						3.0E-01	A	V			1.4E+09			1		JP-7	NA								4.3E+08	
				2.0E-03	I						1.4E+09			1	0.1	Lactofen	77501-63-4								1.3E+02	
																Lead Compounds										
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C		M		1.4E+09			0.025		**Lead Chromate	7758-97-6	3.1E+01		9.2E+02	3.0E+01				1.6E+03	
8.5E-03	C	1.2E-05	C								1.4E+09			1		**Lead Phosphate	7446-27-7	8.2E+03		3.2E+07	8.2E+03				2.8E+05	
8.5E-03	C	1.2E-05	C								1.4E+09			1	0.1	**Lead acetate	301-04-2	8.2E+03	2.9E+04	3.2E+07	6.4E+03				1.6E+03	
											1.4E+09			1		**Lead and Compounds	7439-92-1								4.0E+02	
8.5E-03	C	1.2E-05	C								1.4E+09			1	0.1	**Lead subacetate	1335-32-6	8.2E+03	2.9E+04	3.2E+07	6.4E+03				7.8E-03	
				1.0E-07	I			V		2.4E+00	1.4E+09	1.9E+03		1		**Tetraethyl Lead	78-00-2								7.8E-03	
				5.0E-06	P			V		3.8E+02	1.4E+09	2.6E+04		1		Lewisite	541-25-3								3.9E-01	
				2.0E-03	I						1.4E+09			1	0.1	Linuron	330-55-2								1.3E+02	
				2.0E-03	P						1.4E+09			1		Lithium	7439-93-2								1.6E+02	
				5.0E-04	I						1.4E+09			1	0.1	MCPA	94-74-6								3.2E+01	
				1.0E-02	I						1.4E+09			1	0.1	MCPB	94-81-5								6.3E+02	
				1.0E-03	I						1.4E+09			1	0.1	MCPB	93-65-2								6.3E+01	
				2.0E-02	I						1.4E+09			1	0.1	Malathion	121-75-5									1.3E+03
				1.0E-01	I	7.0E-04	C				1.4E+09			1	0.1	Maleic Anhydride	108-31-6								6.3E+03	
				5.0E-01	I						1.4E+09			1	0.1	Maleic Hydrazide	123-33-1									3.2E+04
				1.0E-04	P						1.4E+09			1	0.1	Malononitrile	109-77-3								6.3E+00	
				3.0E-02	H						1.4E+09			1	0.1	Mancozeb	8018-01-7								1.9E+03	
				5.0E-03	I						1.4E+09			1	0.1	Maneb	12427-38-2									3.2E+02
				1.4E-01	I	5.0E-05	I				1.4E+09			1		Manganese (Diet)	7439-96-5									7.1E+04
				2.4E-02	S	5.0E-05	I				1.4E+09			0.04		Manganese (Non-diet)	7439-96-5									1.8E+03
				9.0E-05	H						1.4E+09			1	0.1	Meposfolan	950-10-7									5.7E+00
				3.0E-02	I						1.4E+09			1	0.1	Mepiquat Chloride	24307-26-4									1.9E+03
																Mercury Compounds										

RML
THQ=1.0

Regional Removal Management Level (RML) Resident Soil Table (TR=1E-04, HQ=1) May 2016

Key: I = IRIS; P = PPRVT; A = ATSDR; C = Cal EPA; X = APPENDIX PPRVT SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-04				Noncancer Child Hazard Index (HI) = 1				
SFO (mg/kg-day) ⁻¹	k _e (ug/m ³) ⁻¹	IUR (ug/m ³) ⁻¹	k _e	RfD _o (mg/kg-day)	k _e	RfC _o (mg/m ³)	k _e	muta- gen	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	GIABS	ABS	Analyte	CAS No.	Ingestion SL TR=1E-04 (mg/kg)	Dermal SL TR=1E-04 (mg/kg)	Inhalation SL TR=1E-04 (mg/kg)	Carcinogenic SL TR=1E-04 (mg/kg)	Ingestion SL Child THQ=1 (mg/kg)	Dermal SL Child THQ=1 (mg/kg)	Inhalation SL Child THQ=1 (mg/kg)	Noncarcinogenic SL Child THI=1 (mg/kg)	
3.0E-04	I	3.0E-04	S						1.4E+09				0.07	**Mercuric Chloride (and other Mercury salts)	7487-94-7					2.3E+01		4.3E+05	2.3E+01	
														**Mercury (elemental)	7439-97-6							1.1E+01	1.1E+01	
1.0E-04	I								3.1E+00	1.4E+09	3.5E+04		1	**Methyl Mercury	22967-92-6					7.8E+00			7.8E+00	
8.0E-05	I								1.4E+09				0.1	**Phenylmercuric Acetate	62-38-4					6.3E+00	2.6E+01		5.1E+00	
3.0E-05	I								1.4E+09	1.9E+06			1	Merphos	150-50-5					2.3E+00			2.3E+00	
3.0E-05	I								1.4E+09				0.1	Merphos Oxide	78-48-8					2.3E+00	9.9E+00		1.9E+00	
6.0E-02	I								1.4E+09				0.1	Metalaxyl	57837-19-1					4.7E+03	2.0E+04		3.8E+03	
1.0E-04	I	3.0E-02	P	V					4.6E+03	1.4E+09	6.8E+03		1	Methacrylonitrile	126-98-7					7.8E+00		2.1E+02	7.5E+00	
5.0E-05	I								1.4E+09				0.1	Methamidophos	10265-92-6					3.9E+00	1.6E+01		3.2E+00	
2.0E+00	I	2.0E+01	I	V					1.1E+05	1.4E+09	2.9E+04		1	Methanol	67-56-1					1.6E+05		6.1E+05	1.2E+05	
1.0E-03	I								1.4E+09				0.1	Methidathion	950-37-8					7.8E+01	3.3E+02		6.3E+01	
2.5E-02	I								1.4E+09				0.1	Methomyl	16752-77-5					2.0E+03	8.2E+03		1.6E+03	
4.9E-02	C	1.4E-05	C						1.4E+09				0.1	Methoxy-5-nitroaniline, 2-	99-59-2	1.4E+03	5.0E+03	2.7E+07	1.1E+03					
5.0E-03	I								1.4E+09				0.1	Methoxychlor	72-43-5					3.9E+02	1.6E+03		3.2E+02	
8.0E-03	P	1.0E-03	P	V					1.2E+05	1.4E+09	1.2E+05		1	Methoxyethanol Acetate, 2-	110-49-6					6.3E+02		1.3E+02	1.1E+02	
5.0E-03	P	2.0E-02	I	V					1.1E+05	1.4E+09	1.0E+05		1	Methoxyethanol, 2-	109-86-4					3.9E+02		2.1E+03	3.3E+02	
1.0E+00	X								2.9E+04	1.4E+09	8.1E+03		1	Methyl Acetate	79-20-9					7.8E+04			7.8E+04	
2.0E-02	P	V							6.8E+03	1.4E+09	7.0E+03		1	Methyl Acrylate	96-33-3							1.5E+02	1.5E+02	
6.0E-01	I	5.0E+00	I	V					2.8E+04	1.4E+09	1.2E+04		1	Methyl Ethyl Ketone (2-Butanone)	78-93-3					4.7E+04		6.4E+04	2.7E+04	
1.0E-03	X	1.0E-03	P	2.0E-05	X	V			1.8E+05	1.4E+09	5.0E+04		1	Methyl Hydrazine	60-34-4			1.4E+01	1.4E+01	7.8E+01		1.1E+00	1.0E+00	
3.0E+00	I	V							3.4E+03	1.4E+09	1.1E+04		1	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1							3.3E+04	3.3E+04	
1.0E-03	C	V							1.0E+04	1.4E+09	4.4E+03		1	Methyl Isocyanate	624-83-9							4.6E+00	4.6E+00	
1.4E+00	I	7.0E-01	I	V					2.4E+03	1.4E+09	6.3E+03		1	Methyl Methacrylate	80-62-6					1.1E+05		4.6E+03	4.4E+03	
2.5E-04	I								1.4E+09				0.1	Methyl Parathion	298-00-0					2.0E+01	8.2E+01		1.6E+01	
6.0E-02	X								1.4E+09				0.1	Methyl Phosphonic Acid	993-13-5					4.7E+03	2.0E+04		3.8E+03	
6.0E-03	H	4.0E-02	H	V					3.9E+02	1.4E+09	2.4E+04		1	Methyl Styrene (Mixed Isomers)	25013-15-4					4.7E+02		1.0E+03	3.2E+02	
9.9E-02	C	2.8E-05	C						1.4E+09				0.1	Methyl methanesulfonate	66-27-3	7.0E+02	2.5E+03	1.4E+07	5.5E+02					
1.8E-03	C	2.6E-07	C						8.9E+03	1.4E+09	4.9E+03		1	Methyl tert-Butyl Ether (MTBE)	1634-04-4	3.9E+04	5.3E+03	4.7E+03				1.5E+04	1.5E+04	
3.0E-04	X								1.4E+09				0.1	Methyl-1,4-benzenediamine dihydrochloride, 2-	615-45-2					2.3E+01	9.9E+01		1.9E+01	
9.0E-03	P	2.0E-02	X						1.4E+09				0.1	Methyl-5-Nitroaniline, 2-	99-55-8	7.7E+03	2.7E+04		6.0E+03	1.6E+03	6.6E+03		1.3E+03	
8.3E+00	C	2.4E-03	C						1.4E+09				0.1	Methyl-N-nitro-N-nitrosoguanidine, N-	70-25-7	8.4E+00	3.0E+01	1.6E+05	6.5E+00					
1.3E-01	C	3.7E-05	C						1.4E+09				0.1	Methylamine Hydrochloride, 2-	636-21-5	5.3E+02	1.9E+03	1.0E+07	4.2E+02					
1.0E-02	A								1.4E+09				0.1	Methylarsonic acid	124-58-3					7.8E+02	3.3E+03		6.3E+02	
2.0E-04	X								1.4E+09				0.1	Methylbenzene, 1,4-diamine monohydrochloride, 2-	74612-12-7					1.6E+01	6.6E+01		1.3E+01	
1.0E-01	X	3.0E-04	X						1.4E+09				0.1	Methylbenzene-1,4-diaminesulfate, 2-	615-50-9	7.0E+02	2.5E+03		5.4E+02	2.3E+01	9.9E+01		1.9E+01	
2.2E+01	C	6.3E-03	C						1.4E+09				0.1	Methylcholanthrene, 3-	56-49-5	7.0E-01	2.7E+00	2.2E+04	5.5E-01					
2.0E-03	I	1.0E-08	I	6.0E-03	I	6.0E-01	I	V	M	3.3E+03	1.4E+09	2.2E+03		1	Methylene Chloride	75-09-2	7.7E+03		2.2E+04	5.7E+03	4.7E+02		1.4E+03	3.5E+02
1.0E-01	P	4.3E-04	C	2.0E-03	P				1.4E+09				0.1	Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	1.5E+02	6.0E+02	3.2E+05	1.2E+02	1.6E+02	6.6E+02		1.3E+02	
4.6E-02	I	1.3E-05	C						1.4E+09				0.1	Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	1.5E+03	5.4E+03	2.9E+07	1.2E+03					
1.6E+00	C	4.6E-04	C						2.0E-02	1.4E+09			0.1	Methylenebisbenzenamine, 4,4'-	101-77-9	4.3E+01	1.5E+02	8.3E+05	3.4E+01			2.8E+07	2.8E+07	
6.0E-04	I								1.4E+09				0.1	Methylenediphenyl Diisocyanate	101-68-8							8.5E+05	8.5E+05	
7.0E-02	H								5.0E+02	1.4E+09	1.3E+04		1	Methylstyrene, Alpha-	98-83-9					5.5E+03			5.5E+03	
1.5E-01	I								1.4E+09				0.1	Metolachlor	51218-45-2					1.2E+04	4.9E+04		9.5E+03	
2.5E-02	I								1.4E+09				0.1	Metribuzin	21087-64-9					2.0E+03	8.2E+03		1.6E+03	
2.5E-01	I								1.4E+09				0.1	Metsulfuron-methyl	74223-64-6					2.0E+04	8.2E+04		1.6E+04	
3.0E+00	P								3.4E-01	1.4E+09	1.4E+03		1	Mineral oils	8012-95-1					2.3E+05			2.3E+05	
1.8E+01	C	5.1E-03	C	2.0E-04	I				1.4E+09	8.6E+05			1	Mirex	2385-85-5	3.9E+00		4.7E+01	3.6E+00	1.6E+01				1.6E+01
2.0E-03	I								1.4E+09				0.1	Molinate	2212-67-1					1.6E+02	6.6E+02		1.3E+02	
5.0E-03	I								1.4E+09				1	Molybdenum	7439-98-7					3.9E+02			3.9E+02	
1.0E-01	I								1.4E+09				1	Monochloramine	10599-90-3					7.8E+03			7.8E+03	
2.0E-03	P								1.4E+09				0.1	Monomethylaniline	100-61-8					1.6E+02	6.6E+02		1.3E+02	
2.5E-02	I								1.4E+09				0.1	Myclobutanil	88671-89-0					2.0E+03	8.2E+03		1.6E+03	
3.0E-04	X								1.4E+09				0.1	N,N'-Diphenyl-1,4-benzenediamine	74-31-7					2.3E+01	9.9E+01		1.9E+01	
2.0E-03	I								1.4E+09	5.7E+04			1	Naled	300-76-5					1.6E+02			1.6E+02	
3.0E-02	X	1.0E-01	P	V					1.4E+09				1	Naphtha, High Flash Aromatic (HFAN)	64742-95-6					2.3E+03		1.4E+08	2.3E+03	
1.8E+00	C	0.0E+00	C						1.4E+09				0.1	Naphthylamine, 2-	91-59-8	3.9E+01	1.4E+02		3.0E+01					
1.0E-01	I								1.4E+09				0.1	Napropamide	15299-99-7					7.8E+03	3.3E+04		6.3E+03	
2.6E-04	C	1.1E-02	C	1.4E-05	C				1.4E															

Regional Removal Management Level (RML) Resident Soil Table (TR=1E-04, HQ=1) May 2016

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)																								
Toxicity and Chemical-specific Information											Contaminant		Carcinogenic Target Risk (TR) = 1E-04				Noncancer Child Hazard Index (HI) = 1							
SFO (mg/kg-day) ⁻¹	ke (ug/m ³) ⁻¹	IUR (ug/m ³) ⁻¹	ke (ug/m ³) ⁻¹	RfD _o (mg/kg-day)	ke (ug/m ³) ⁻¹	RfC _o (mg/m ³) ⁻¹	ke (ug/m ³) ⁻¹	mutagen	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	GIABS	ABS	Analyte	CAS No.	Ingestion SL TR=1E-04 (mg/kg)	Dermal SL TR=1E-04 (mg/kg)	Inhalation SL TR=1E-04 (mg/kg)	Carcinogenic SL TR=1E-04 (mg/kg)	Ingestion SL THQ=1 (mg/kg)	Dermal SL THQ=1 (mg/kg)	Inhalation SL THQ=1 (mg/kg)	Noncarcinogenic SL THQ=1 (mg/kg)	
	2.6E-04	C	1.1E-02	C	1.4E-05	C	V			1.4E+09			1	Nickel Carbonyl	13463-39-3			1.5E+06	1.5E+06	8.6E+02		2.0E+04	8.2E+02	
	2.6E-04	C	1.1E-02	C	1.4E-05	C				1.4E+09			0.04	Nickel Hydroxide	12054-48-7			1.5E+06	1.5E+06	8.6E+02		2.0E+04	8.2E+02	
	2.6E-04	C	1.1E-02	C	2.0E-05	C				1.4E+09			0.04	Nickel Oxide	1313-99-1			1.5E+06	1.5E+06	8.6E+02		2.8E+04	8.4E+02	
	2.4E-04	I	1.1E-02	C	1.4E-05	C				1.4E+09			0.04	Nickel Refinery Dust	NA			1.6E+06	1.6E+06	8.6E+02		2.0E+04	8.2E+02	
	2.6E-04	C	2.0E-02	I	9.0E-05	A				1.4E+09			0.04	Nickel Soluble Salts	7440-02-0			1.5E+06	1.5E+06	1.6E+03		1.3E+05	1.5E+03	
1.7E+00	4.8E-04	I	1.1E-02	C	1.4E-05	C				1.4E+09			0.04	Nickel Subsulfide	12035-72-2	4.1E+01		8.0E+05	4.1E+01	8.6E+02		2.0E+04	8.2E+02	
	2.6E-04	C	1.1E-02	C	1.4E-05	C				1.4E+09			1	Nickelocene	1271-28-9			1.5E+06	1.5E+06	8.6E+02	3.6E+03	2.0E+04	6.7E+02	
	1.6E+00									1.4E+09			1	Nitrate	14797-55-8					1.3E+05		2.0E+04	1.3E+05	
			1.0E-01	I						1.4E+09			1	Nitrate + Nitrite (as N)	NA								7.8E+03	
			1.0E-02	X	5.0E-05	X				1.4E+09			1	Nitrite	14797-65-0									7.8E+03
										1.4E+09			0.1	Nitroaniline, 2-	88-74-4					7.8E+02	3.3E+03	7.1E+04	6.3E+02	
2.0E-02	P		4.0E-03	P	6.0E-03	P				1.4E+09			1	Nitroaniline, 4-	100-01-6	3.5E+03	1.2E+04	5.1E+02	2.7E+03	3.1E+02	1.3E+03	8.5E+06	2.5E+02	
			2.0E-03	I	9.0E-03	I	V		3.1E+03	1.4E+09	7.3E+04		1	Nitrobenzene	98-95-3				5.1E+02	1.6E+02		6.9E+02	1.3E+02	
			3.0E+03	P						1.4E+09			1	Nitrocellulose	9004-70-0					2.3E+08	9.9E+08			1.9E+08
			7.0E-02	H						1.4E+09			1	Nitrofurantoin	67-20-9					5.5E+03	2.3E+04			4.4E+03
1.3E+00	C	3.7E-04	C							1.4E+09			1	Nitrofurazone	59-87-0	5.3E+01	1.9E+02	1.0E+06	4.2E+01					
1.7E-02	P		1.0E-04	P						1.4E+09			1	Nitroglycerin	55-63-0	4.1E+03	1.5E+04		3.2E+03	7.8E+00	3.3E+01			6.3E+00
			1.0E-01	I						1.4E+09			1	Nitroguanidine	556-88-7					7.8E+03	3.3E+04			6.3E+03
	8.8E-06	P			5.0E-03	P	V		1.8E+04	1.4E+09	1.7E+04		1	Nitromethane	75-52-5			5.4E+02	5.4E+02			8.8E+01		8.8E+01
	2.7E-03	H			2.0E-02	I	V		4.9E+03	1.4E+09	1.3E+04		1	Nitropropane, 2-	79-46-9			1.4E+00	1.4E+00			2.7E+02		2.7E+02
2.7E+01	C	7.7E-03	C					M		1.4E+09			1	Nitroso-N-ethylurea, N-	759-73-9	5.7E-01	2.2E+00	1.8E+04	4.5E-01					4.5E-01
1.2E+02	C	3.4E-02	C					M		1.4E+09			1	Nitroso-N-methylurea, N-	684-93-5	1.3E-01	5.0E-01	4.1E+03	1.0E-01					
5.4E+00	I	1.6E-03	I					V		1.4E+09	2.4E+05		1	Nitroso-di-N-butylamine, N-	924-16-3	1.3E+01		4.3E+01	9.9E+00					
7.0E+00	I	2.0E-03	C							1.4E+09			1	Nitroso-di-N-propylamine, N-	621-64-7	9.9E+00	3.5E+01	1.9E+05	7.8E+00					
2.8E+00	I	8.0E-04	C							1.4E+09			1	Nitrosodiethanolamine, N-	1116-54-7	2.5E+01	8.8E+01	4.8E+05	1.9E+01					
1.5E+02	I	4.3E-02	I					M		1.4E+09			1	Nitrosodithylamine, N-	55-18-5	1.0E-01	4.0E-01	3.2E+03	8.1E-02					
5.1E+01	I	1.4E-02	I	8.0E-06	P	4.0E-05	X	V	M	2.4E+05	1.4E+09	8.2E+04	1	Nitrosodimethylamine, N-	62-75-9	3.0E-01		6.0E-01	2.0E-01	6.3E-01		3.4E+00	5.3E-01	
4.9E-03	I	2.6E-06	C							1.4E+09			1	Nitrosodiphenylamine, N-	86-30-6	1.4E+04	5.0E+04	1.5E+08	1.1E+04					
2.2E+01	I	6.3E-03	C					V		1.1E+05	1.4E+09	1.2E+05	1	Nitrosomethylethylamine, N-	10595-95-6	3.2E+00		5.4E+00	2.0E+00					
6.7E+00	C	1.9E-03	C							1.4E+09			1	Nitrosomorpholine [N-]	59-89-2	1.0E+01	3.7E+01	2.0E+05	8.1E+00					
9.4E+00	C	2.7E-03	C							1.4E+09			1	Nitrosopiperidine [N-]	100-75-4	7.4E+00	2.6E+01	1.4E+05	5.8E+00					
2.1E+00	I	6.1E-04	I							1.4E+09			1	Nitrosopyrrolidine, N-	930-55-2	3.3E+01	1.2E+02	6.3E+05	2.6E+01					
			1.0E-04	X						1.4E+09			1	Nitrotoluene, m-	99-08-1					7.8E+00	3.3E+01			6.3E+00
2.2E-01	P		9.0E-04	P			V		1.5E+03	1.4E+09	1.4E+05		1	Nitrotoluene, o-	88-72-2	3.2E+02			3.2E+02	7.0E+01			7.0E+01	
1.6E-02	P		4.0E-03	P						1.4E+09			1	Nitrotoluene, p-	99-99-0	4.3E+03	1.5E+04		3.4E+03	3.1E+02	1.3E+03			2.5E+02
			3.0E-04	X	2.0E-02	P	V		6.9E+00	1.4E+09	1.0E+03		1	Nonane, n-	111-84-2					2.3E+01		2.2E+01	1.1E+01	
			4.0E-02	I						1.4E+09			1	Norflurazon	27314-13-2					3.1E+03	1.3E+04			2.5E+03
			3.0E-03	I						1.4E+09			1	Octabromodiphenyl Ether	32536-52-0					2.3E+02	9.9E+02			1.9E+02
			5.0E-02	I						1.4E+09			1	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	2691-41-0					3.9E+03	2.7E+05			3.9E+03
			2.0E-03	H						1.4E+09			1	Octamethylpyrophosphoramide	152-16-9					1.6E+02	6.6E+02			1.3E+02
			5.0E-02	I						1.4E+09			1	Oryzalin	19044-88-3					3.9E+03	1.6E+04			3.2E+03
			5.0E-03	I						1.4E+09			1	Oxadiazon	19666-30-9					3.9E+02	1.6E+03			3.2E+02
			2.5E-02	I						1.4E+09			1	Oxamyl	23135-22-0					2.0E+03	8.2E+03			1.6E+03
			3.0E-03	I						1.4E+09			1	Oxyfluorfen	42874-03-3					2.3E+02	9.9E+02			1.9E+02
			1.3E-02	I						1.4E+09			1	Paclitaxel	76738-62-0					1.0E+03	4.3E+03			8.2E+02
			4.5E-03	I						1.4E+09			1	Paraquat Dichloride	1910-42-5					3.5E+02	1.5E+03			2.8E+02
			6.0E-03	H						1.4E+09			1	Parathion	56-38-2					4.7E+02	2.0E+03			3.8E+02
			5.0E-02	H			V			1.4E+09	4.5E+04		1	Pebutate	1114-71-2					3.9E+03				3.9E+03
			4.0E-02	I						1.4E+09			1	Pendimethalin	40487-42-1					3.1E+03	1.3E+04			2.5E+03
			2.0E-03	I			V		3.1E-01	1.4E+09	5.1E+05		1	Pentabromodiphenyl Ether	32534-81-9					1.6E+02				1.6E+02
			1.0E-04	I						1.4E+09			1	Pentabromodiphenyl ether, 2,2',4,4',5,5'-(BDE-99)	60348-60-9					7.8E+00	3.3E+01			6.3E+00
			8.0E-04	I			V			1.4E+09	8.1E+04		1	Pentachlorobenzene	608-93-5					6.3E+01				6.3E+01
9.0E-02	P						V		4.6E+02	1.4E+09	9.7E+03		1	Pentachloroethane	76-01-7	7.7E+02			7.7E+02					
2.6E-01	H		3.0E-03	I			V			1.4E+09	4.3E+05		1	Pentachloronitrobenzene	82-68-8	2.7E+02			2.7E+02	2.3E+02				2.3E+02
4.0E-01	I	5.1E-06	C				I			1.4E+09			1	Pentachlorophenol	87-86-5	1.7E+02	2.5E+02	7.5E+07	1.0E+02	3.9E+02	6.6E+02			2.5E+02
4.0E-03	X		2.0E-03	P						1.4E+09			1	Pentaerythritol tetranitrate (PETN)	78-11-5	1.7E+04	6.2E+04		1					

Regional Removal Management Level (RML) Resident Soil Table (TR=1E-04, HQ=1) May 2016

Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-04				Noncancer Child 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 _o (mg/m ³) ⁻¹	k e y	v o l u t i l i t y	muta- gen	C _{soil} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	GIABS	ABS	Analyte	CAS No.	Ingestion SL TR=1E-04 (mg/kg)	Dermal SL TR=1E-04 (mg/kg)	Inhalation SL TR=1E-04 (mg/kg)	Carcinogenic SL TR=1E-04 (mg/kg)	Ingestion SL Child THQ=1 (mg/kg)	Dermal SL Child THQ=1 (mg/kg)	Inhalation SL Child THQ=1 (mg/kg)	Noncarcinogenic SL Child THI=1 (mg/kg)
				7.0E-04	I					1.4E+09				1	~Lithium Perchlorate	7791-03-9					5.5E+01			5.5E+01
				7.0E-04	I					1.4E+09				1	~Perchlorate and Perchlorate Salts	14797-73-0					5.5E+01			5.5E+01
				7.0E-04	I					1.4E+09				1	~Potassium Perchlorate	7778-74-7					5.5E+01			5.5E+01
				7.0E-04	I					1.4E+09				1	~Sodium Perchlorate	7601-89-0					5.5E+01			5.5E+01
				2.0E-02	P				V	1.4E+09	1.3E+05			1	Perfluorobutane Sulfonate	375-73-5					1.6E+03			1.6E+03
				5.0E-02	I					1.4E+09				1	Permethrin	52645-53-1					3.9E+03	1.6E+04		3.2E+03
2.2E-03	C	6.3E-07	C							1.4E+09				1	Phenacetin	62-44-2	3.2E+04	1.1E+05	6.1E+08	2.5E+04	2.0E+04	8.2E+04		1.6E+04
				2.5E-01	I					1.4E+09				1	Phenmedipham	13684-63-4					2.3E+04	9.9E+04	2.8E+08	1.9E+04
				3.0E-01	I	2.0E-01	C			1.4E+09				1	Phenol	108-95-2					3.1E+02	1.3E+03		2.5E+02
				4.0E-03	I					1.4E+09				1	Phenol, 2-(1-methylethoxy)-, methylcarbamate	114-26-1					3.9E+01	1.6E+02		3.2E+01
				5.0E-04	X					1.4E+09				1	Phenothiazine	92-84-2					4.7E+02	2.0E+03		3.8E+02
				6.0E-03	I					1.4E+09				1	Phenylenediamine, m-	108-45-2								
4.7E-02	H									1.4E+09				1	Phenylenediamine, o-	95-54-5	1.5E+03	5.3E+03		1.2E+03				
				1.9E-01	H					1.4E+09				1	Phenylenediamine, p-	106-50-3					1.5E+04	6.3E+04		1.2E+04
1.9E-03	H									1.4E+09				1	Phenylphenol, 2-	90-43-7	3.6E+04	1.3E+05		2.8E+04				
				2.0E-04	H					1.4E+09				1	Phorate	298-02-2					1.6E+01	6.6E+01		1.3E+01
						3.0E-04	I	V		1.6E+03	1.4E+09	9.8E+02		1	Phosgene	75-44-5							3.1E-01	3.1E-01
				2.0E-02	I					1.4E+09				1	Phosmet	732-11-6					1.6E+03	6.6E+03		1.3E+03
Phosphates, Inorganic																								
				4.9E+01	P					1.4E+09				1	~Aluminum metaphosphate	13776-88-0					3.8E+06			3.8E+06
				4.9E+01	P					1.4E+09				1	~Ammonium polyphosphate	68333-79-9					3.8E+06			3.8E+06
				4.9E+01	P					1.4E+09				1	~Calcium pyrophosphate	7790-76-3					3.8E+06			3.8E+06
				4.9E+01	P					1.4E+09				1	~Diammonium phosphate	7783-28-0					3.8E+06			3.8E+06
				4.9E+01	P					1.4E+09				1	~Dicalcium phosphate	7757-93-9					3.8E+06			3.8E+06
				4.9E+01	P					1.4E+09				1	~Dimagnesium phosphate	7782-75-4					3.8E+06			3.8E+06
				4.9E+01	P					1.4E+09				1	~Dipotassium phosphate	7758-11-4					3.8E+06			3.8E+06
				4.9E+01	P					1.4E+09				1	~Disodium phosphate	7558-79-4					3.8E+06			3.8E+06
				4.9E+01	P					1.4E+09				1	~Monoaluminum phosphate	13530-50-2					3.8E+06			3.8E+06
				4.9E+01	P					1.4E+09				1	~Monoammonium phosphate	7722-76-1					3.8E+06			3.8E+06
				4.9E+01	P					1.4E+09				1	~Monocalcium phosphate	7758-23-8					3.8E+06			3.8E+06
				4.9E+01	P					1.4E+09				1	~Monomagnesium phosphate	7757-86-0					3.8E+06			3.8E+06
				4.9E+01	P					1.4E+09				1	~Monopotassium phosphate	7778-77-0					3.8E+06			3.8E+06
				4.9E+01	P					1.4E+09				1	~Monosodium phosphate	7558-80-7					3.8E+06			3.8E+06
				4.9E+01	P					1.4E+09				1	~Polyphosphoric acid	8017-16-1					3.8E+06			3.8E+06
				4.9E+01	P					1.4E+09				1	~Potassium triphosphate	13845-36-8					3.8E+06			3.8E+06
				4.9E+01	P					1.4E+09				1	~Sodium acid pyrophosphate	7758-16-9					3.8E+06			3.8E+06
				4.9E+01	P					1.4E+09				1	~Sodium aluminum phosphate (acidic)	7785-88-8					3.8E+06			3.8E+06
				4.9E+01	P					1.4E+09				1	~Sodium aluminum phosphate (anhydrous)	10279-59-1					3.8E+06			3.8E+06
				4.9E+01	P					1.4E+09				1	~Sodium aluminum phosphate (tetrahydrate)	10305-76-7					3.8E+06			3.8E+06
				4.9E+01	P					1.4E+09				1	~Sodium hexametaphosphate	10124-56-8					3.8E+06			3.8E+06
				4.9E+01	P					1.4E+09				1	~Sodium polyphosphate	68915-31-1					3.8E+06			3.8E+06
				4.9E+01	P					1.4E+09				1	~Sodium trimetaphosphate	7785-84-4					3.8E+06			3.8E+06
				4.9E+01	P					1.4E+09				1	~Sodium triphosphate	7758-29-4					3.8E+06			3.8E+06
				4.9E+01	P					1.4E+09				1	~Tetrapotassium phosphate	7320-34-5					3.8E+06			3.8E+06
				4.9E+01	P					1.4E+09				1	~Tetrasodium pyrophosphate	7722-88-5					3.8E+06			3.8E+06
				4.9E+01	P					1.4E+09				1	~Trialuminum sodium tetra decahydrogenooctaoorthophosphate (dihydrate)	15136-87-5					3.8E+06			3.8E+06
				4.9E+01	P					1.4E+09				1	~Tricalcium phosphate	7758-87-4					3.8E+06			3.8E+06
				4.9E+01	P					1.4E+09				1	~Trimagnesium phosphate	7757-87-1					3.8E+06			3.8E+06
				4.9E+01	P					1.4E+09				1	~Tripotassium phosphate	7778-53-2					3.8E+06			3.8E+06
				4.9E+01	P					1.4E+09				1	~Trisodium phosphate	7601-54-9					3.8E+06			3.8E+06
				3.0E-04	I	3.0E-04	I	V		1.4E+09				1	Phosphine	7803-51-2					2.3E+01		4.3E+05	2.3E+01
				4.9E+01	P	1.0E-02	I			1.4E+09				1	Phosphoric Acid	7664-38-2					3.8E+06		1.4E+07	3.0E+06
				2.0E-05	I				V	1.4E+09	6.9E+03			1	Phosphorus, White	7723-14-0					1.6E+00			1.6E+00
Phthalates																								
1.4E-02	I	2.4E-06	C	2.0E-02	I					1.4E+09				1	~Bis(2-ethylhexyl)phthalate	117-81-7	5.0E+03	1.8E+04	1.6E+08	3.9E+03	1.6E+03	6.6E+03		1.3E+03
1.9E-03	P			2.0E-01	I					1.4E+09				1	~Butyl Benzyl Phthalate	85-68-7	3.7E+04	1.3E+05		2.9E+04	1.6E+04	6.6E+04		1.3E+04
				1.0E+00	I					1.4E+09				1	~Butylphthalyl Butylglycolate	85-70-1					7.8E+04	3.3E+05		6.3E+04
				1.0E-01	I					1.4E+09				1	~Dibutyl Phthalate	84-74-2					7.8E+03	3.3E+04		6.3E+03
				8.0E-01	I					1.4E+09				1	~Diethyl Phthalate	84-66-2					6.3E+04	2.6E+05		5.1E+04

Regional Removal Management Level (RML) Resident Soil Table (TR=1E-04, HQ=1) May 2016

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)														Toxicity and Chemical-specific Information				Contaminant				Carcinogenic Target Risk (TR) = 1E-04				Noncancer Child Hazard Index (HI) = 1			
SFO (mg/kg-day) ⁻¹	k _e (y)	IUR (ug/m ³) ⁻¹	k _e (y)	RfD ₀ (mg/kg-day)	k _e (y)	RfC ₀ (mg/m ³)	k _e (y)	muta- gen	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	GIABS	ABS	Analyte	CAS No.	Ingestion SL TR=1E-04 (mg/kg)	Dermal SL TR=1E-04 (mg/kg)	Inhalation SL TR=1E-04 (mg/kg)	Carcinogenic SL TR=1E-04 (mg/kg)	Ingestion SL Child THQ=1 (mg/kg)	Dermal SL Child THQ=1 (mg/kg)	Inhalation SL Child THQ=1 (mg/kg)	Noncarcinogenic SL Child THI=1 (mg/kg)						
				1.0E-01	I			V		1.4E+09	2.1E+04	1		**Dimethylterephthalate	120-61-6									7.8E+03			7.8E+03		
				1.0E-02	P					1.4E+09		1	0.1	**Octyl Phthalate, di-N-	117-84-0									7.8E+02	3.3E+03		6.3E+02		
				1.0E+00	H					1.4E+09		1	0.1	**Phthalic Acid, P-	100-21-0									7.8E+04	3.3E+05		6.3E+04		
				2.0E+00	I	2.0E-02	C			1.4E+09		1	0.1	**Phthalic Anhydride	85-44-9									1.6E+05	6.6E+05	2.8E+07	1.3E+05		
				7.0E-02	I					1.4E+09		1	0.1	Picloram	1918-02-1									5.5E+03	2.3E+04		4.4E+03		
				1.0E-04	X					1.4E+09		1	0.1	Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3									7.8E+00	3.3E+01		6.3E+00		
				9.0E-04	X					1.4E+09		1	0.1	Picric Acid (2,4,6-Trinitrophenol)	88-89-1									7.0E+01	3.0E+02		5.7E+01		
3.0E+01	C	8.6E-03	C	7.0E-06	H					1.4E+09		1	0.1	Pirimiphos, Methyl	29232-93-7									7.8E+02	3.3E+03		6.3E+02		
				7.0E-06	H					1.4E+09		1	0.1	Polybrominated Biphenyls	59536-65-1	2.3E+00	8.2E+00	4.4E+04	1.8E+00					5.5E-01	2.3E+00		4.4E-01		
														Polychlorinated Biphenyls (PCBs)															
7.0E-02	S	2.0E-05	S	7.0E-05	I			V		1.4E+09	7.1E+05	1	0.14	**Aroclor 1016	12674-11-2	9.9E+02	2.5E+03	1.0E+04	6.7E+02					5.5E+00	1.6E+01		4.1E+00		
2.0E+00	S	5.7E-04	S					V		1.4E+09	2.0E+05	1	0.14	**Aroclor 1221	11104-28-2	3.5E+01	8.8E+01	1.0E+02	2.0E+01										
2.0E+00	S	5.7E-04	S					V		1.4E+09	1.1E+05	1	0.14	**Aroclor 1232	11141-16-5	3.5E+01	8.8E+01	5.5E+01	1.7E+01										
2.0E+00	S	5.7E-04	S					V		1.4E+09	5.9E+05	1	0.14	**Aroclor 1242	53469-21-9	3.5E+01	8.8E+01	2.9E+02	2.3E+01										
2.0E+00	S	5.7E-04	S					V		1.4E+09	6.3E+05	1	0.14	**Aroclor 1248	12672-29-6	3.5E+01	8.8E+01	3.1E+02	2.3E+01										
2.0E+00	S	5.7E-04	S	2.0E-05	I			V		1.4E+09	8.4E+05	1	0.14	**Aroclor 1254	11097-69-1	3.5E+01	8.8E+01	4.1E+02	2.4E+01					1.6E+00	4.7E+00		1.2E+00		
2.0E+00	S	5.7E-04	S					V		1.4E+09	1.3E+06	1	0.14	**Aroclor 1260	11096-82-5	3.5E+01	8.8E+01	6.5E+02	2.4E+01										
3.9E+00	E	1.1E-03	E	6.0E-04	X			V		1.4E+09	9.6E+05	1	0.14	**Aroclor 5460	11126-42-4									4.7E+01	1.4E+02		3.5E+01		
				2.3E-05	E	1.3E-03	E	V		1.4E+09	2.4E+06	1	0.14	**Heptachlorobiphenyl, 2,3,3',4,4',5,5'-(PCB 189)	39635-31-9	1.8E+01	4.5E+01	6.0E+02	1.3E+01					1.8E+00	5.5E+00	3.4E+03	1.4E+00		
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V		1.4E+09	1.6E+06	1	0.14	**Hexachlorobiphenyl, 2,3',4,4',5,5'-(PCB 167)	52663-72-6	1.8E+01	4.5E+01	3.9E+02	1.2E+01					1.8E+00	5.5E+00	2.2E+03	1.4E+00		
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V		1.4E+09	1.0E+06	1	0.14	**Hexachlorobiphenyl, 2,3,3',4,4',5,5'-(PCB 157)	69782-90-7	1.8E+01	4.5E+01	2.6E+02	1.2E+01					1.8E+00	5.5E+00	1.4E+03	1.4E+00		
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V		1.4E+09	1.1E+06	1	0.14	**Hexachlorobiphenyl, 2,3,3',4,4',5,5'-(PCB 156)	38380-08-4	1.8E+01	4.5E+01	2.7E+02	1.2E+01					1.8E+00	5.5E+00	1.5E+03	1.4E+00		
3.9E+03	E	1.1E+00	E	2.3E-08	E	1.3E-06	E	V		1.4E+09	1.6E+06	1	0.14	**Hexachlorobiphenyl, 3,3',4,4',5,5'-(PCB 169)	32774-16-6	1.8E+02	4.5E+02	3.9E+01	1.2E+02					1.8E+03	5.5E+03	2.2E+00	1.4E+03		
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V		1.4E+09	7.3E+05	1	0.14	**Pentachlorobiphenyl, 2',3,4,4',5-(PCB 123)	65510-44-3	1.8E+01	4.5E+01	1.8E+02	1.2E+01					1.8E+00	5.5E+00	1.0E+03	1.4E+00		
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V		1.4E+09	5.9E+05	1	0.14	**Pentachlorobiphenyl, 2,3',4,4',5-(PCB 118)	31508-00-6	1.8E+01	4.5E+01	1.5E+02	1.2E+01					1.8E+00	5.5E+00	8.2E+02	1.4E+00		
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V		1.4E+09	6.0E+05	1	0.14	**Pentachlorobiphenyl, 2,3,3',4,4'-(PCB 105)	32598-14-4	1.8E+01	4.5E+01	1.5E+02	1.2E+01					1.8E+00	5.5E+00	8.4E+02	1.4E+00		
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V		1.4E+09	1.1E+06	1	0.14	**Pentachlorobiphenyl, 2,3,4,4',5-(PCB 114)	74472-37-0	1.8E+01	4.5E+01	2.6E+02	1.2E+01					1.8E+00	5.5E+00	1.5E+03	1.4E+00		
1.3E+04	E	3.8E+00	E	7.0E-09	E	4.0E-07	E	V		1.4E+09	7.3E+05	1	0.14	**Pentachlorobiphenyl, 3,3',4,4',5-(PCB 126)	57465-28-8	5.3E-03	1.4E-02	5.4E-02	3.6E-03					5.5E-04	1.6E-03	3.0E-01	4.1E-04		
2.0E+00	I	5.7E-04	I					V		1.4E+09	5.3E+05	1	0.14	**Polychlorinated Biphenyls (high risk)	1336-36-3	3.5E+01	8.8E+01	2.6E+02	2.3E+01										
4.0E-01	I	1.0E-04	I					V		1.4E+09		1	0.14	**Polychlorinated Biphenyls (low risk)	1336-36-3														
7.0E-02	I	2.0E-05	I					V		1.4E+09		1	0.14	**Polychlorinated Biphenyls (lowest risk)	1336-36-3														
1.3E+01	E	3.8E-03	E	7.0E-06	E	4.0E-04	E	V		1.4E+09		1	0.14	**Tetrachlorobiphenyl, 3,3',4,4'-(PCB 77)	32598-13-3	5.3E+00	1.4E+01	1.0E+05	3.8E+00					5.5E-01	1.6E+00	5.7E+05	4.1E-01		
3.9E+01	E	1.1E-02	E	2.3E-06	E	1.3E-04	E	V		1.4E+09	5.1E+05	1	0.14	**Tetrachlorobiphenyl, 3,4,4',5-(PCB 81)	70362-50-4	1.8E+00	4.5E+00	1.3E+01	1.2E+00					1.8E-01	5.5E-01	7.1E+01	1.4E-01		
				6.0E-04	I			V		1.4E+09		1	0.1	Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9									8.5E+05		8.5E+05			
														Polynuclear Aromatic Hydrocarbons (PAHs)															
				6.0E-02	I			V		1.4E+09	1.4E+05	1	0.13	**Acenaphthene	83-32-9										4.7E+03	1.5E+04		3.6E+03	
				3.0E-01	I			V		1.4E+09	5.2E+05	1	0.13	**Anthracene	120-12-7										2.3E+04	7.6E+04		1.8E+04	
7.3E-01	E	1.1E-04	C					V	M	1.4E+09	4.4E+06	1	0.13	**Benzo[a]anthracene	56-55-3	2.1E+01	6.3E+01	4.1E+03	1.6E+01										
1.2E+00	C	1.1E-04	C							1.4E+09		1	0.13	**Benzo[j]fluoranthene	205-82-3	5.8E+01	1.6E+02	3.5E+06	4.2E+01										
7.3E+00	I	1.1E-03	C						M	1.4E+09		1	0.13	**Benzo[a]pyrene	50-32-8	2.1E+00	6.3E+00	1.3E+05	1.6E+00										
7.3E-01	E	1.1E-04	C						M	1.4E+09		1	0.13	**Benzo[b]fluoranthene	205-99-2	2.1E+01	6.3E+01	1.3E+06	1.6E+01										
7.3E-02	E	1.1E-04	C						M	1.4E+09		1	0.13	**Benzo[k]fluoranthene	207-08-9	2.1E+02	6.3E+02	1.3E+06	1.6E+02										
				8.0E-02	I			V		1.4E+09	8.0E+04	1	0.13	**Chloronaphthalene, Beta-	91-58-7									6.3E+03	2.0E+04		4.8E+03		
7.3E-03	E	1.1E-05	C						M	1.4E+09		1	0.13	**Chrysene	218-01-9	2.1E+03	6.3E+03	1.3E+07	1.6E+03										
7.3E+00	E	1.2E-03	C						M	1.4E+09		1	0.13	**Dibenzo[a,h]anthracene	53-70-3	2.1E+00	6.3E+00	1.1E+05	1.6E+00										
1.2E+01	C	1.1E-03	C							1.4E+09		1	0.13	**Dibenzo[a,e]pyrene	192-65-4	5.8E+00	1.6E+01	3.5E+05	4.2E+00										
2.5E+02	C	7.1E-02	C						M	1.4E+09																			

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Toxicity and Chemical-specific Information															Contaminant		Carcinogenic Target Risk (TR) = 1E-04				Noncancer Child Hazard Index (HI) = 1				
SFO (mg/kg-day) ⁻¹	k e y	IUR (ug/m ³ -y)	k e y	RfD _o (mg/kg- day)	k e y	RfC _o (mg/m ³ - y)	k e y	o m u t a g e n	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	GIABS	ABS	Analyte	CAS No.	Ingestion SL TR=1E-04 (mg/kg)	Dermal SL TR=1E-04 (mg/kg)	Inhalation SL TR=1E-04 (mg/kg)	Carcinogenic SL TR=1E-04 (mg/kg)	Ingestion SL Child THQ=1 (mg/kg)	Dermal SL Child THQ=1 (mg/kg)	Inhalation SL Child THQ=1 (mg/kg)	Noncarcinogenic SL Child THI=1 (mg/kg)		
				4.0E-03	I				1.4E+09				1	0.1	Prometryn	7287-19-6					3.1E+02	1.3E+03		2.5E+02	
				1.3E-02	I				1.4E+09				1	0.1	Propachlor	1918-16-7					1.0E+03	4.3E+03		8.2E+02	
				5.0E-03	I				1.4E+09				1	0.1	Propanil	709-98-8					3.9E+02	1.6E+03		3.2E+02	
				2.0E-02	I				1.4E+09				1	0.1	Propargite	2312-35-8					1.6E+03	6.6E+03		1.3E+03	
				2.0E-03	I			V	1.1E+05	6.3E+04			1		Propargyl Alcohol	107-19-7					1.6E+02			1.6E+02	
				2.0E-02	I				1.4E+09				1	0.1	Propazine	139-40-2					1.6E+03	6.6E+03		1.3E+03	
				2.0E-02	I				1.4E+09				1	0.1	Propham	122-42-9					1.6E+03	6.6E+03		1.3E+03	
				1.3E-02	I				1.4E+09				1	0.1	Propiconazole	60207-90-1					1.0E+03	4.3E+03		8.2E+02	
				8.0E-03	I	V			3.3E+04	1.4E+09	8.9E+03		1		Propionaldehyde	123-38-6						7.5E+01		7.5E+01	
				1.0E-01	X	1.0E+00	X	V	2.6E+02	1.4E+09	7.0E+03		1		Propyl benzene	103-65-1						7.3E+03		3.8E+03	
								C	3.5E+02	1.4E+09	7.0E+02		1		Propylene	115-07-1						2.2E+03		2.2E+03	
				2.0E+01	P				1.4E+09				1	0.1	Propylene Glycol	57-55-6					1.6E+06	6.6E+06		1.3E+06	
								A	2.7E-04	1.4E+09			1	0.1	Propylene Glycol Dinitrate	6423-43-4						3.9E+05		3.9E+05	
				7.0E-01	H	2.0E+00	I	V	1.1E+05	1.4E+09	7.8E+04		1		Propylene Glycol Monomethyl Ether	107-98-2					5.5E+04	1.6E+05		4.1E+04	
2.4E-01	I	3.7E-06	I			3.0E-02	I	V	7.8E+04	1.4E+09	1.0E+04		1		Propylene Oxide	75-56-9	2.9E+02		7.8E+02	2.1E+02			3.2E+02	3.2E+02	
				7.5E-02	I				1.4E+09				1	0.1	Propylamide	23950-58-5					5.9E+03	2.5E+04		4.7E+03	
				1.0E-03	I			V	5.3E+05	1.4E+09	5.5E+04		1		Pyridine	110-86-1					7.8E+01			7.8E+01	
3.0E+00	I			5.0E-04	I				1.4E+09				1	0.1	Quinalphos	13593-03-8					3.9E+01	1.6E+02		3.2E+01	
									1.4E+09				1	0.1	Quinoline	91-22-5	2.3E+01	8.2E+01		1.8E+01					3.2E+01
				9.0E-03	I				1.4E+09				1	0.1	Quizalofop-ethyl	76578-14-8					7.0E+02	3.0E+03		5.7E+02	
						3.0E-02	A		1.4E+09				1		Refractory Ceramic Fibers	NA							4.3E+07		4.3E+07
				3.0E-02	I				1.4E+09				1	0.1	Resmethrin	10453-86-8					2.3E+03	9.9E+03		1.9E+03	
				5.0E-02	H			V	1.4E+09	4.7E+05			1		Ronnel	299-84-3					3.9E+03			3.9E+03	
2.2E-01	C	6.3E-05	C						1.4E+09				1	0.1	Rotenone	83-79-4					3.1E+02	1.3E+03		2.5E+02	
				4.0E-03	I				1.4E+09				1	0.1	Safrole	94-59-7	7.0E+01	2.7E+02	2.2E+06	5.5E+01					3.9E+02
				5.0E-03	I				1.4E+09				1		Selenious Acid	7783-00-8					3.9E+02			3.9E+02	
				5.0E-03	I	2.0E-02	C		1.4E+09				1		Selenium	7782-49-2					3.9E+02		2.8E+07	3.9E+02	
				5.0E-03	C	2.0E-02	C		1.4E+09				1		Selenium Sulfide	7446-34-6					3.9E+02		2.8E+07	3.9E+02	
				9.0E-02	I				1.4E+09				1	0.1	Sethoxydim	74051-80-2					7.0E+03	3.0E+04		5.7E+03	
1.2E-01	H					3.0E-03	C		1.4E+09				1		Silica (crystalline, respirable)	7631-86-9							4.3E+06		4.3E+06
				5.0E-03	I				1.4E+09		0.04				Silver	7440-22-4					3.9E+02			3.9E+02	
				5.0E-03	I				1.4E+09				1	0.1	Simazine	122-34-9	5.8E+02	2.1E+03		4.5E+02		3.9E+02	1.6E+03		3.2E+02
5.0E-01	C	1.5E-01	C						1.4E+09				0.025		Sodium Acetylacrylate	62476-59-9					1.0E+03	4.3E+03		8.2E+02	
				4.0E-03	I				1.4E+09				1		Sodium Azide	26628-22-8					3.1E+02			3.1E+02	
				2.0E-02	C	2.0E-04	C	M	1.4E+09				0.025		Sodium Dichromate	10588-01-9	3.1E+01		9.2E+02	3.0E+01		1.6E+03		2.8E+05	1.6E+03
2.7E-01	H			3.0E-02	I				1.4E+09				1	0.1	Sodium Diethyldithiocarbamate	148-18-5	2.6E+02	9.2E+02		2.0E+02		2.3E+03	9.9E+03		1.9E+03
				5.0E-02	A	1.3E-02	C		1.4E+09				1		Sodium Fluoride	7681-49-4					3.9E+03		1.8E+07	3.9E+03	
				2.0E-05	I				1.4E+09				1	0.1	Sodium Fluoroacetate	62-74-8					1.6E+00	6.6E+00		1.3E+00	
				1.0E-03	H				1.4E+09				1		Sodium Metavanadate	13718-26-8					7.8E+01			7.8E+01	
				8.0E-04	P				1.4E+09				1		Sodium Tungstate	13472-45-2					6.3E+01			6.3E+01	
				8.0E-04	P				1.4E+09				1		Sodium Tungstate Dihydrate	10213-10-2					6.3E+01			6.3E+01	
2.4E-02	H			3.0E-02	I				1.4E+09				1	0.1	Stirofos (Tetrachlorovinphos)	961-11-5	2.9E+03	1.0E+04		2.3E+03		2.3E+03	9.9E+03		1.9E+03
5.0E-01	C	1.5E-01	C						1.4E+09				0.025		Strontium Chromate	7789-06-2	3.1E+01		9.2E+02	3.0E+01		1.6E+03		2.8E+05	1.6E+03
				6.0E-01	I				1.4E+09				1		Strontium, Stable	7440-24-6					4.7E+04			4.7E+04	
				3.0E-04	I				1.4E+09				1	0.1	Strychnine	57-24-9					2.3E+01	9.9E+01		1.9E+01	
				2.0E-01	I	1.0E+00	I	V	8.7E+02	1.4E+09	9.4E+03		1		Styrene	100-42-5					1.6E+04		9.7E+03	6.0E+03	
				3.0E-03	P				1.4E+09				1	0.1	Styrene-Acrylonitrile (SAN) Trimer	NA					2.3E+02	9.9E+02		1.9E+02	
				1.0E-03	P	2.0E-03	X		1.4E+09				1	0.1	Sulfolane	126-33-0					7.8E+01	3.3E+02	2.8E+06	6.3E+01	
				8.0E-04	P				1.4E+09				1	0.1	Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9					6.3E+01	2.6E+02		5.1E+01	
								C	1.0E-03	1.4E+09			1		Sulfur Trioxide	7446-11-9							1.4E+06	1.4E+06	
2.5E-02	I	7.1E-06	I			1.0E-03	C		1.4E+09				1		Sulfuric Acid	7664-93-9								1.4E+06	
				5.0E-02	H				1.4E+09				1	0.1	Sulfurous acid, 2-chloroethyl 2-[4-(1,1-dimethylethyl)phenoxy]-1-methylethyl ester	140-57-8	2.8E+03	9.9E+03	5.4E+07	2.2E+03		3.9E+03	1.6E+04		3.2E+03
				3.0E-02	H				1.4E+09				1	0.1	TCMTB	21564-17-0					2.3E+03	9.9E+03		1.9E+03	
				7.0E-02	I				1.4E+09				1	0.1	Tebuthiuron	34014-18-1					5.5E+03	2.3E+04		4.4E+03	
				2.0E-02	H				1.4E+09				1	0.1	Temephos	3383-96-8					1.6E+03	6.6E+03		1.3E+03	
				1.3E-02	I				1.4E+09				1	0.1	Terbacil	5902-51-2					1.0E+03	4.3E+03		8.2E+02	
				2.5E-05	H			V	3.1E+01	1.4E+09	2.6E+05		1		Terbufos	13071-79-9					2.0E+00			2.0E+00	
				1.0E-03	I				1.4E+09				1	0.1	Terbutryn	886-50-0					7.8E+01				

Regional Removal Management Level (RML) Resident Soil Table (TR=1E-04, HQ=1) May 2016

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)																							
Toxicity and Chemical-specific Information												Contaminant		Carcinogenic Target Risk (TR) = 1E-04				Noncancer Child Hazard Index (HI) = 1					
SFO (mg/kg-day) ⁻¹	k _e (ug/m ³) ⁻¹	IUR (ug/m ³) ⁻¹	k _e (mg/kg-day)	RfD _o (mg/kg-day)	k _e (mg/m ³) ⁻¹	RfC _o (mg/m ³) ⁻¹	k _e (mg/m ³) ⁻¹	muta- gen	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	GIABS	ABS	CAS No.	Ingestion SL TR=1E-04 (mg/kg)	Dermal SL TR=1E-04 (mg/kg)	Inhalation SL TR=1E-04 (mg/kg)	Carcinogenic SL TR=1E-04 (mg/kg)	Ingestion SL Child THQ=1 (mg/kg)	Dermal SL Child THQ=1 (mg/kg)	Inhalation SL Child THQ=1 (mg/kg)	Noncarcinogenic SL Child THI=1 (mg/kg)	
2.6E-02	I	7.4E-06	I	3.0E-02	I	V			6.8E+02	1.4E+09	5.7E+03	1		95-94-3					2.3E+03			2.3E+01	
2.0E-01	I	5.8E-05	C	2.0E-02	I	V			1.9E+03	1.4E+09	1.5E+04	1		630-20-6	2.7E+03		2.2E+02	2.0E+02	2.3E+03			2.3E+03	
2.1E-03	I	2.6E-07	I	6.0E-03	I	4.0E-02	I	V	1.7E+02	1.4E+09	2.4E+03	1		79-34-5	3.5E+02		7.3E+01	6.0E+01	1.6E+03			1.6E+03	
2.0E+01	H			3.0E-02	I				1.4E+09			1	0.1	127-18-4	3.3E+04		2.5E+03	2.4E+03	4.7E+02		9.9E+03	9.8E+01	8.1E+01
				5.0E-04	I				1.4E+09			1	0.1	58-90-2					2.3E+03			1.9E+03	
				2.0E-03	P				1.4E+09			1	0.007	5216-25-1	3.5E+00			3.5E+00					
				2.0E-05	S				1.4E+09			1		3689-24-5					3.9E+01	1.6E+02		3.2E+01	
				1.0E-05	X				1.4E+09			1		811-97-2					2.3E+03			1.0E+05	
				1.0E-05	X				1.4E+09			1		479-45-8					1.6E+02	1.0E+05		1.6E+02	
				1.0E-05	X			V	1.4E+09			1		1314-32-5					1.6E+00			1.6E+00	
				2.0E-05	X			V	1.4E+09			1		10102-45-1					7.8E-01			7.8E-01	
				1.0E-05	X				1.4E+09			1		7440-28-0					7.8E-01			7.8E-01	
				1.0E-05	X				1.4E+09			1		563-68-8					7.8E-01			7.8E-01	
				2.0E-05	X				1.4E+09			1		6533-73-9					1.6E+00			1.6E+00	
				1.0E-05	X				1.4E+09			1		7791-12-0					7.8E-01			7.8E-01	
				1.0E-05	S				1.4E+09			1		12039-52-0					7.8E-01			7.8E-01	
				2.0E-05	X				1.4E+09			1		7446-18-6					1.6E+00			1.6E+00	
				1.3E-02	I				1.4E+09			1	0.1	79277-27-3					1.0E+03	4.3E+03		8.2E+02	
				1.0E-02	I				1.4E+09			1	0.1	28249-77-6					7.8E+02	3.3E+03		6.3E+02	
				7.0E-02	X				1.4E+09			1	0.0075	111-48-8					5.5E+03	3.1E+05		5.4E+03	
				3.0E-04	H				1.4E+09			1	0.1	39196-18-4					2.3E+01	9.9E+01		1.9E+01	
				8.0E-02	I				1.4E+09			1	0.1	23564-05-8					6.3E+03	2.6E+04		5.1E+03	
				5.0E-03	I				1.4E+09			1	0.1	137-26-8					3.9E+02	1.6E+03		3.2E+02	
				6.0E-01	H				1.4E+09			1		7440-31-5					4.7E+04			4.7E+04	
				1.0E-04	A	V			1.4E+09			1		7550-45-0							1.4E+05	1.4E+05	
				8.0E-02	I	5.0E+00	I	V	8.2E+02	1.4E+09	4.3E+03	1		108-88-3					6.3E+03		2.2E+04	4.9E+03	
				1.1E-05	C	8.0E-06	C	V	1.4E+09	7.6E+05		1		584-84-9			1.9E+04	1.9E+04	6.4E+00			6.4E+00	
1.8E-01	X			2.0E-04	X				1.4E+09			1	0.1	95-70-5	3.9E+02	1.4E+03		3.0E+02	1.6E+01	6.6E+01		1.3E+01	
1.6E-02	P	1.1E-05	C	8.0E-06	C	V			1.7E+03	1.4E+09	6.3E+05	1		91-08-7	4.3E+03	1.5E+04	1.6E+04	1.6E+04			5.3E+00	5.3E+00	
3.0E-02	P	5.1E-05	C						1.4E+09			1	0.1	95-53-4	4.3E+03	1.5E+04	7.5E+06	3.4E+03					
				4.0E-03	X				1.4E+09			1	0.1	106-49-0	2.3E+03	8.2E+03		1.8E+03	3.1E+02	1.3E+03		2.5E+02	
				3.0E+00	P			V	3.4E-01	1.4E+09	1.1E+03	1		NA					2.3E+05			2.3E+05	
				6.0E-01	P	V			1.4E+02	1.4E+09	8.3E+02	1		NA							5.2E+02	5.2E+02	
				1.0E-02	X	1.0E-01	P	V	6.9E+00	1.4E+09	1.0E+03	1		NA					7.8E+02		1.1E+02	9.6E+01	
				4.0E-02	P				1.4E+09			1	0.1	NA					3.1E+03	1.3E+04		2.5E+03	
				4.0E-03	P	3.0E-02	P	V	1.8E+03	1.4E+09	3.5E+03	1		NA					3.1E+02		1.1E+02	8.2E+01	
				4.0E-03	P	3.0E-03	P	V	1.4E+09	5.2E+04		1		NA					3.1E+02		1.6E+02	1.1E+02	
1.1E+00	I	3.2E-04	I						1.4E+09			1	0.1	8001-35-2	6.3E+01	2.2E+02	1.2E+06	4.9E+01					
				7.5E-03	I				1.4E+09			1	0.1	66841-25-6					5.9E+02	2.5E+03		4.7E+02	
				3.0E-04	A			V	1.4E+09	3.4E+03		1		688-73-3					2.3E+01			2.3E+01	
				8.0E+01	X				1.4E+09			1	0.1	102-76-1					6.3E+06	2.6E+07		5.1E+06	
				3.0E-02	I				1.4E+09			1	0.1	43121-43-3					2.3E+03	9.9E+03		1.9E+03	
				1.3E-02	I			V	1.4E+09	3.6E+05		1		2303-17-5					1.0E+03			1.0E+03	
				1.0E-02	I				1.4E+09			1	0.1	82097-50-5					7.8E+02	3.3E+03		6.3E+02	
				8.0E-03	I				1.4E+09			1	0.1	101200-48-0					6.3E+02	2.6E+03		5.1E+02	
				5.0E-03	I			V	1.4E+09	4.8E+04		1		615-54-3					3.9E+02			3.9E+02	
9.0E-03	P			1.0E-02	P				1.4E+09			1	0.1	126-73-8	7.7E+03	2.7E+04		6.0E+03	7.8E+02	3.3E+03		6.3E+02	
				3.0E-04	P				1.4E+09			1	0.1	NA					2.3E+01	9.9E+01		1.9E+01	
				3.0E-04	I				1.4E+09			1	0.1	56-35-9					2.3E+01	9.9E+01		1.9E+01	
				3.0E+01	I	3.0E+01	H	V	9.1E+02	1.4E+09	1.3E+03	1		76-13-1					2.3E+06		4.0E+04	4.0E+04	
7.0E-02	I			2.0E-02	I				1.4E+09			1	0.1	76-03-9	9.9E+02	3.5E+03		7.8E+02	1.6E+03	6.6E+03		1.3E+03	
2.9E-02	H								1.4E+09			1	0.1	33663-50-2	2.4E+03	8.5E+03		1.9E+03					
7.0E-03	X			3.0E-05	X				1.4E+09			1	0.1	634-93-5	9.9E+03	3.5E+04		7.8E+03	2.3E+00	9.9E+00		1.9E+00	
				8.0E-04	X			V	1.4E+09	3.2E+04		1		87-61-6					6.3E+01			6.3E+01	
2.9E-02	P			1.0E-02	I	2.0E-03	P	V	4.0E+02	1.4E+09	3.0E+04	1		120-82-1	2.4E+03			2.4E+03	7.8E+02		6.2E+01	5.8E+01	
				2.0E+00	I	5.0E+00	I	V	6.4E+02	1.4E+09	1.7E+03	1		71-55-6					1.6E+05		8.6E+03	8.1E+03	
5.7E-02	I	1.6E-05	I	4.0E-03	I	2.0E-04	X	V	2.2E+03	1.4E+09	7.2E+03	1		79-00-5	1.2E+03		1.3E+02	1.1E+02	3.1E+02		1.5E+00	1.5E+00	
4.6E-02	I	4.1E-06	I	5.0E-04	I	2.0E-03	I	V	6.9E+02	1.4E+09	2.2E+03	1		79-01-6	8.8E+02		1.1E+02	9.4E+01	3.9E+01		4.6E+00	4.1E+00	
				3.0E-01	I			V	1.2E+03	1.4E+09	1.0E+03	1		75-69-4					2.3E+04			2.3E+04	

Regional Removal Management Level (RML) Resident Soil Table (TR=1E-04, HQ=1) May 2016

Key: I = IRIS; P = PPRTV; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #27); H = HEAST; F = See FAQ; J = New Jersey; O = EPA Office of Water; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information													Contaminant		Carcinogenic Target Risk (TR) = 1E-04				Noncancer Child 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 _o (mg/m ³)	k e y	o m u t a g e n	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	GIABS	ABS	Analyte	CAS No.	Ingestion SL TR=1E-04 (mg/kg)	Dermal SL TR=1E-04 (mg/kg)	Inhalation SL TR=1E-04 (mg/kg)	Carcinogenic SL TR=1E-04 (mg/kg)	Ingestion SL Child THQ=1 (mg/kg)	Dermal SL Child THQ=1 (mg/kg)	Inhalation SL Child THQ=1 (mg/kg)	Noncarcinogenic SL Child THI=1 (mg/kg)	
				1.0E-01	I				1.4E+09				1	0.1	Trichlorophenol, 2,4,5-	95-95-4					7.8E+03	3.3E+04		6.3E+03
1.1E-02	I	3.1E-06	I	1.0E-03	P				1.4E+09				1	0.1	Trichlorophenol, 2,4,6-	88-06-2	6.3E+03	2.2E+04	1.2E+08	4.9E+03	7.8E+01	3.3E+02		6.3E+01
				1.0E-02	I				1.4E+09				1	0.1	Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5					7.8E+02	3.3E+03		6.3E+02
				8.0E-03	I				1.4E+09				1	0.1	Trichlorophenoxypropionic acid, -2,4,5	93-72-1					6.3E+02	2.6E+03		5.1E+02
3.0E+01	I			5.0E-03	I			V	1.3E+03	1.4E+09	1.5E+04		1		Trichloropropane, 1,1,2-	598-77-6					3.9E+02			3.9E+02
				4.0E-03	I	3.0E-04	I	V	1.4E+03	1.4E+09	1.6E+04		1		Trichloropropane, 1,2,3-	96-18-4	5.1E-01			5.1E-01	3.1E+02		4.9E+00	4.8E+00
				3.0E-03	X	3.0E-04	P	V	3.1E+02	1.4E+09	2.3E+03		1		Trichloropropene, 1,2,3-	96-19-5					2.3E+02		7.3E-01	7.3E-01
				2.0E-02	A				1.4E+09				1	0.1	Tricresyl Phosphate (TCP)	1330-78-5					1.6E+03	6.6E+03		1.3E+03
				3.0E-03	I				1.4E+09				1	0.1	Triidiphane	58138-08-2					2.3E+02	9.9E+02		1.9E+02
				7.0E-03	I	V			2.8E+04	1.4E+09	1.6E+04		1		Triethylamine	121-44-8							1.2E+02	1.2E+02
				2.0E+00	P				1.4E+09				1	0.1	Triethylene Glycol	112-27-6					1.6E+05	6.6E+05		1.3E+05
7.7E-03	I			2.0E+01	P	V			4.8E+03	1.4E+09	7.1E+02		1		Trifluoroethane, 1,1,1-	420-46-2						1.5E+04	1.5E+04	
				7.5E-03	I	V			1.4E+09	5.1E+05			1		Trifluralin	1582-09-8	9.0E+03			9.0E+03	5.9E+02			5.9E+02
2.0E-02	P			1.0E-02	P				1.4E+09				1	0.1	Trimethyl Phosphate	512-56-1	3.5E+03	1.2E+04		2.7E+03	7.8E+02	3.3E+03		6.3E+02
				5.0E-03	P	V			2.9E+02	1.4E+09	9.4E+03		1		Trimethylbenzene, 1,2,3-	526-73-8							4.9E+01	4.9E+01
				7.0E-03	P	V			2.2E+02	1.4E+09	7.9E+03		1		Trimethylbenzene, 1,2,4-	95-63-6							5.8E+01	5.8E+01
				1.0E-02	X			V	1.8E+02	1.4E+09	6.6E+03		1		Trimethylbenzene, 1,3,5-	108-67-8					7.8E+02			7.8E+02
				1.0E-02	X			V	3.0E+01	1.4E+09	1.0E+03		1		Trimethylpentene, 2,4,4-	25167-70-8					7.8E+02			7.8E+02
				3.0E-02	I				1.4E+09				1	0.019	Trinitrobenzene, 1,3,5-	99-35-4					2.3E+03	5.2E+04		2.2E+03
3.0E-02	I			5.0E-04	I				1.4E+09				1	0.032	Trinitrotoluene, 2,4,6-	118-96-7	2.3E+03	2.6E+04		2.1E+03	3.9E+01	5.2E+02		3.6E+01
				2.0E-02	P				1.4E+09				1	0.1	Triphenylphosphine Oxide	791-28-6					1.6E+03	6.6E+03		1.3E+03
				2.0E-02	A				1.4E+09				1	0.1	Tris(1,3-Dichloro-2-propyl) Phosphate	13674-87-8					1.6E+03	6.6E+03		1.3E+03
2.3E+00	C	6.6E-04	C	1.0E-02	X				1.4E+09				1	0.1	Tris(1-chloro-2-propyl)phosphate	13674-84-5					7.8E+02	3.3E+03		6.3E+02
2.0E-02	P			7.0E-03	P			V	4.7E+02	1.4E+09	9.0E+05		1		Tris(2,3-dibromopropyl)phosphate	126-72-7	3.0E+01		3.8E+02	2.8E+01	3.0E+01			3.8E+02
				3.2E-03	P				1.4E+09				1	0.1	Tris(2-chloroethyl)phosphate	115-96-8	3.5E+03	1.2E+04		2.7E+03	5.5E+02	2.3E+03		4.4E+02
				1.0E-01	P				1.4E+09				1	0.1	Tris(2-ethylhexyl)phosphate	78-42-2	2.2E+04	7.7E+04		1.7E+04	7.8E+03	3.3E+04		6.3E+03
				8.0E-04	P				1.4E+09				1		Tungsten	7440-33-7					6.3E+01			6.3E+01
				3.0E-03	I	4.0E-05	A		1.4E+09				1		Uranium (Soluble Salts)	NA					2.3E+02		5.7E+04	2.3E+02
1.0E+00	C	2.9E-04	C	8.3E-03	P			M	1.4E+09				1	0.1	Urethane	51-79-6	1.5E+01	6.0E+01	4.8E+05	1.2E+01	7.0E+02		9.9E+03	6.6E+02
				9.0E-03	I	7.0E-06	P		1.4E+09				0.026		Vanadium Pentoxide	1314-62-1			4.6E+04	4.6E+04	3.9E+02		1.4E+05	3.9E+02
				5.0E-03	S	1.0E-04	A		1.4E+09				0.026		Vanadium and Compounds	7440-62-2								
				1.0E-03	I			V	1.4E+09	1.2E+05			1		Vernolate	1929-77-7					7.8E+01			7.8E+01
				2.5E-02	I				1.4E+09				1	0.1	Vindozolin	50471-44-8					2.0E+03	8.2E+03		1.6E+03
				1.0E+00	H	2.0E-01	I	V	2.8E+03	1.4E+09	4.4E+03		1		Vinyl Acetate	108-05-4					7.8E+04			9.1E+02
7.2E-01	I	4.4E-06	I	3.2E-05	H				3.0E-03	1.4E+09	1.4E+03		1		Vinyl Bromide	593-60-2			1.2E+01	1.2E+01			4.3E+00	4.3E+00
				3.0E-03	I	1.0E-01	I	V	3.9E+03	1.4E+09	9.6E+02		1		Vinyl Chloride	75-01-4	9.4E+00		1.6E+01	5.9E+00	2.3E+02		1.0E+02	7.0E+01
				3.0E-04	I				1.4E+09				1	0.1	Warfarin	81-81-2					2.3E+01	9.9E+01		1.9E+01
				2.0E-01	S	1.0E-01	S	V	3.9E+02	1.4E+09	5.6E+03		1		Xylene, p-	106-42-3					1.6E+04		5.8E+02	5.6E+02
				2.0E-01	S	1.0E-01	S	V	3.9E+02	1.4E+09	5.5E+03		1		Xylene, m-	108-38-3					1.6E+04		5.7E+02	5.5E+02
				2.0E-01	S	1.0E-01	S	V	4.3E+02	1.4E+09	6.5E+03		1		Xylene, o-	95-47-6					1.6E+04		6.7E+02	6.5E+02
				2.0E-01	I	1.0E-01	I	V	2.6E+02	1.4E+09	5.7E+03		1		Xylenes	1330-20-7					1.6E+04		6.0E+02	5.8E+02
				3.0E-04	I				1.4E+09				1		Zinc Phosphide	1314-84-7					2.3E+01			2.3E+01
				3.0E-01	I				1.4E+09				1		Zinc and Compounds	7440-66-6					2.3E+04			2.3E+04
				5.0E-02	I				1.4E+09				1	0.1	Zineb	12122-67-7					3.9E+03	1.6E+04		3.2E+03
				8.0E-05	X				1.4E+09				1		Zirconium	7440-67-7					6.3E+00			6.3E+00