

Regional Removal Management Level (RML) Composite Worker 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 Hazard Index (HI) = 1					
SFO (mg/kg-day) ¹	k _e (ug/m ³) ¹	IUR (ug/m ³) ¹	k _e (ug/m ³) ¹	RfD _o (mg/kg-day)	k _e (ug/m ³) ¹	RfC _i (mg/m ³) ¹	k _e (ug/m ³) ¹	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)	Ingestion SL THQ=1 (mg/kg)	Dermal SL THQ=1 (mg/kg)	Inhalation SL THQ=1 (mg/kg)	Noncarcinogenic SL 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	3.8E+04	8.9E+04		2.6E+04	4.7E+03	1.1E+04		3.3E+03
				2.0E-02	I					1.4E+09			1	0.1	Acetaldehyde	75-07-0			4.9E+03	4.9E+03			3.4E+02	3.4E+02
				9.0E-01	I	3.1E+01	A	V		1.1E+05	1.4E+09	1.4E+04	1		Acetochlor	34256-82-1					2.3E+04	5.5E+04		1.6E+04
				2.0E-03	X					1.4E+09			1	0.1	Acetone	67-64-1					1.1E+06		1.8E+06	6.7E+05
				6.0E-02	I					1.3E+05	1.4E+09	1.3E+04	1		Acetone Cyanohydrin	75-86-5							1.2E+07	1.2E+07
				1.0E-01	I					2.5E+03	1.4E+09	6.0E+04	1		Acetonitrile	75-05-8							3.4E+03	3.4E+03
3.8E+00	C	1.3E-03	C	5.0E-04	I	2.0E-05	I	V		2.3E+04	1.4E+09	6.9E+03	1	0.1	Acetophenone	98-86-2	8.6E+01	2.0E+02	1.3E+06	6.0E+01	1.2E+05			1.2E+05
				5.0E-01	I	1.0E-03	I	V		1.1E+05	1.4E+09	9.5E+04	1		Acetylaminofluorene, 2-	53-96-3					5.8E+02		6.1E-01	6.0E-01
				4.0E-02	A	2.0E-03	I	V		1.1E+04	1.4E+09	7.7E+03	1		Acrolein	107-02-8	6.1E+02		1.4E+02	1.1E+02	4.7E+04		6.7E+01	6.7E+01
5.0E-01	I	1.0E-04	I	2.0E-03	I	6.0E-03	I	M		1.4E+09			1	0.1	Acrylamide	79-06-1	6.5E+02	1.5E+03	1.7E+07	4.6E+02	2.3E+03	5.5E+03	3.6E+07	1.6E+03
				5.0E-01	I	1.0E-03	I	V		1.1E+05	1.4E+09	9.5E+04	1		Acrylic Acid	79-10-7					5.8E+05		4.2E+02	4.2E+02
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	6.1E+02		1.4E+02	1.1E+02	4.7E+04		6.7E+01	6.7E+01
				6.0E-03	P					1.4E+09			1	0.1	Adiponitrile	111-69-3							3.6E+07	3.6E+07
5.6E-02	C	1.0E-02	I	1.0E-03	I					1.4E+09			1	0.1	Alachlor	15972-60-8	5.8E+03	1.4E+04		4.1E+03	1.2E+04	2.8E+04		8.2E+03
				1.0E-03	I					1.4E+09			1	0.1	Aldicarb	116-06-3					1.2E+03	2.8E+03		8.2E+02
				1.0E-03	I					1.4E+09			1	0.1	Aldicarb Sulfone	1646-88-4					1.2E+03	2.8E+03		8.2E+02
1.7E+01	I	4.9E-03	I	3.0E-05	I			V		1.4E+09	1.7E+06		1		Aldicarb sulfoxide	1646-87-3					3.5E+01			3.5E+01
				5.0E-03	I	1.0E-04	X	V		1.1E+05	1.4E+09	3.4E+04	1		Aldrin	309-00-2	1.9E+01		4.3E+02	1.8E+01	3.5E+01			3.5E+01
2.1E-02	C	6.0E-06	C	1.0E+00	P	5.0E-03	P			1.4E+09			1		Allyl Alcohol	107-18-6	1.6E+04		3.2E+02	3.2E+02	5.8E+03		1.5E+01	1.5E+01
				1.0E-03	I					1.4E+09	1.6E+03		1		Allyl Chloride	107-05-1					6.9E+00		6.9E+00	6.9E+00
				1.0E+00	P	5.0E-03	P			1.4E+09			1		Aluminum	7429-90-5					1.2E+06		3.0E+07	1.1E+06
				4.0E-04	I					1.4E+09			1		Aluminum Phosphide	20859-73-8					4.7E+02			4.7E+02
2.1E+01	C	6.0E-03	C	9.0E-03	I					1.4E+09			1	0.1	Ametryn	834-12-8	1.6E+01	3.7E+01	2.8E+05	1.1E+01	1.1E+04	2.5E+04		7.4E+03
				8.0E-02	P					1.4E+09			1	0.1	Aminobiphenyl, 4-	92-67-1	1.6E+01	3.7E+01	2.8E+05	1.1E+01	1.1E+04	2.5E+04		7.4E+03
				2.0E-02	P					1.4E+09			1	0.1	Aminophenol, m-	591-27-5					9.3E+04	2.2E+05		6.6E+04
				2.5E-03	I					1.4E+09			1	0.1	Aminophenol, p-	123-30-8					2.3E+04	5.5E+04		1.6E+04
				1.0E-01	I			V		1.4E+09			1		Amitraz	33089-61-1					2.9E+03	6.9E+03		2.1E+03
				3.0E-03	X	V				1.4E+04	1.4E+09	2.6E+04	1		Ammonia	7664-41-7					2.3E+05			2.3E+05
				1.0E-01	I					1.4E+09			1		Ammonium Sulfamate	7773-06-0								3.4E+02
5.7E-03	I	1.6E-06	C	7.0E-03	P	1.0E-03	I			1.4E+09			1	0.1	Amyl Alcohol, tert-	75-85-4	5.7E+04	1.4E+05	1.0E+09	4.0E+04	8.2E+03	1.9E+04	6.0E+06	5.7E+03
4.0E-02	P	2.0E-03	X	4.0E-04	I					1.4E+09		0.15	1	0.1	Aniline	62-53-3	8.2E+03	1.9E+04	1.0E+09	5.7E+03	2.3E+03	5.5E+03		1.6E+03
				5.0E-04	H					1.4E+09	0.15		0.15		Antimony (metallic)	7440-36-0					4.7E+02			4.7E+02
				4.0E-04	H					1.4E+09	0.15		0.15		Antimony Pentoxide	1314-60-9					5.8E+02			5.8E+02
				2.0E-04	I					1.4E+09	0.15		0.15		Antimony Tetroxide	1332-81-6					4.7E+02			4.7E+02
				1.5E+00	I	4.3E-03	I	3.0E-04	I	1.5E-05	C		1	0.03	Antimony Trioxide	1309-64-4	3.6E+02	1.7E+03	3.9E+05	3.0E+02	5.8E+02	2.8E+03	8.9E+04	4.8E+02
				3.5E-06	C	5.0E-05	I			1.4E+09			1		Arsenic, Inorganic	7440-38-2					4.1E+00		3.0E+05	4.1E+00
				5.0E-02	I					1.4E+09			1	0.1	Arsine	7784-42-1					5.8E+04	1.4E+05		4.1E+04
2.3E-01	C	3.5E-02	I	4.0E-04	I					1.4E+09			1	0.1	Asulam	3337-71-1	1.4E+03	3.4E+03	6.7E+06	2.6E+02	4.7E+02	1.1E+03		3.3E+02
8.8E-01	C	2.5E-04	C	3.0E-03	A	1.0E-02	A			1.4E+09			1	0.1	Atrazine	1912-24-9	1.4E+03	3.4E+03	1.0E+03	1.0E+03	4.1E+04	9.7E+04		2.9E+04
				1.0E+00	P	7.0E-06	P			1.4E+09	5.2E+05		1	0.1	Auramine	492-80-8	3.7E+02	8.8E+02	6.7E+06	2.6E+02	4.7E+02	1.1E+03		3.3E+02
1.1E-01	I	3.1E-05	I	1.0E+00	P	7.0E-06	P			1.4E+09			1	0.1	Avermectin B1	65195-55-3	3.0E+03		2.1E+04	2.6E+03	1.2E+06	2.8E+06	4.2E+04	4.0E+04
				2.0E-01	I	5.0E-04	H			1.4E+09	0.07		0.07		Azinphos-methyl	86-50-0					3.5E+03	8.3E+03	6.0E+07	2.5E+03
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C	M		1.4E+09	0.025		0.025		Azobenzene	103-33-3	3.0E+03		2.1E+04	2.6E+03	1.2E+06	2.8E+06	4.2E+04	4.0E+04
				3.0E-01	I			V		1.4E+09	3.1E+05		1		Azodicarbonamide	123-77-3					1.2E+06	2.8E+06	4.2E+04	4.0E+04
				5.0E-02	I					1.4E+09			1	0.1	Barium	7440-39-3	6.5E+02		1.1E+04	6.2E+02	2.3E+05		3.0E+06	2.2E+05
				2.0E-01	I					1.4E+09			1	0.1	Barium Chromate	10294-40-3					2.3E+04		1.2E+06	2.3E+04
				3.0E-02	I					1.4E+09			1	0.1	Benfluralin	1861-40-1					3.5E+05			3.5E+05
				2.0E-01	I					1.4E+09			1	0.1	Benomyl	17804-35-2					5.8E+04	1.4E+05		4.1E+04
				3.0E-02	I					1.4E+09			1	0.1	Bensulfuron-methyl	83055-99-6					2.3E+05	5.5E+05		1.6E+05
				1.0E-01	I					1.4E+09			1	0.1	Bentazon	25057-89-0					3.5E+04	8.3E+04		2.5E+04
4.0E-03	P	1.0E-01	I	1.0E-01	I					1.2E+03	1.4E+09	2.3E+04	1		Benzaldehyde	100-52-7	8.2E+04			8.2E+04	1.2E+05			1.2E+05
5.5E-02	I	7.8E-06	I	4.0E-03	I	3.0E-02	I	V		1.8E+03	1.4E+09	3.5E+03	1		Benzene	71-43-2	5.9E+03		5.6E+02	5.1E+02	4.7E+03		4.6E+02	4.2E+02
1.0E-01	X	3.0E-04	X							1.4E+09			1	0.1	Benzene diamine-2-methyl sulfate, 1,4-	6369-59-1	3.3E+03	7.7E+03		2.3E+03				

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Toxicity and Chemical-specific Information													Contaminant		Carcinogenic Target Risk (TR) = 1E-04				Noncancer Hazard Index (HI) = 1				
SFO (mg/kg-day) ¹	k _e y	IUR (ug/m ³) ²	k _e y	RfD _o (mg/kg-day)	k _e y	RfC _o (mg/m ³) 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 THQ=1 (mg/kg)	Dermal SL THQ=1 (mg/kg)	Inhalation SL THQ=1 (mg/kg)	Noncarcinogenic SL THI=1 (mg/kg)
1.7E-01	I	4.9E-05	C	2.0E-03	P	1.0E-03	P	V	1.5E+03	1.4E+09	2.6E+04	1		Benzyl Chloride	100-44-7	1.9E+03		6.4E+02	4.8E+02	2.3E+03		1.1E+02	1.1E+02
		2.4E-03	I	2.0E-03	I	2.0E-05	I			1.4E+09		0.007		Beryllium and compounds	7440-41-7			6.9E+05	6.9E+05	2.3E+03		1.2E+05	2.3E+03
				9.0E-03	P					1.4E+09		1	0.1	Bifenox	42576-02-3					1.1E+04	2.5E+04		7.4E+03
				1.5E-02	I					1.4E+09		1	0.1	Biphenthrin	82657-04-3					1.8E+04	4.1E+04		1.2E+04
8.0E-03	I			5.0E-01	I	4.0E-04	X	V		1.4E+09	1.1E+05	1		Biphenyl, 1,1'-	92-52-4	4.1E+04			4.1E+04	5.8E+05		2.0E+02	2.0E+02
				4.0E-02	I			V	1.0E+03	1.4E+09	3.5E+04	1		Bis(2-chloro-1-methylethyl) ether	108-60-1					4.7E+04			4.7E+04
				3.0E-03	P					1.4E+09		1	0.1	Bis(2-chloroethoxy)methane	111-91-1					3.5E+03	8.3E+03		2.5E+03
1.1E+00	I	3.3E-04	I					V	5.1E+03	1.4E+09	4.3E+04	1		Bis(2-chloroethyl)ether	111-44-4	3.0E+02		1.6E+02	1.0E+02				
2.2E+02	I	6.2E-02	I					V	4.2E+03	1.4E+09	1.9E+03	1		Bis(chloromethyl)ether	542-88-1	1.5E+00		3.7E-02	3.6E-02				
				5.0E-02	I					1.4E+09		1	0.1	Bisphenol A	80-05-7					5.8E+04	1.4E+05		4.1E+04
				2.0E-01	I	2.0E-02	H			1.4E+09		1		Boron And Borates Only	7440-42-8					2.3E+05		1.2E+08	2.3E+05
				2.0E+00	P	2.0E-02	P	V		1.4E+09		1		Boron Trichloride	10294-34-5					2.3E+06		1.2E+08	2.3E+06
				4.0E-02	C	1.3E-02	C	V		1.4E+09		1		Boron Trifluoride	7637-07-2					4.7E+04		7.7E+07	4.7E+04
7.0E-01	I			4.0E-03	I					1.4E+09		1		Bromate	15541-45-4	4.7E+02			4.7E+02	4.7E+03			4.7E+03
2.0E+00	X	6.0E-04	X					V	2.4E+03	1.4E+09	5.9E+03	1		Bromo-2-chloroethane, 1-	107-04-0	1.6E+02		1.2E+01	1.1E+01				
				8.0E-03	I	6.0E-02	I	V	6.8E+02	1.4E+09	8.4E+03	1		Bromobenzene	108-86-1					9.3E+03		2.2E+03	1.8E+03
				4.0E-02	X	V			4.0E+03	1.4E+09	3.6E+03	1		Bromochloromethane	74-97-5							6.3E+02	6.3E+02
6.2E-02	I	3.7E-05	C	2.0E-02	I			V	9.3E+02	1.4E+09	4.0E+03	1		Bromodichloromethane	75-27-4	5.3E+03		1.3E+02	1.3E+02	2.3E+04			2.3E+04
7.9E-03	I	1.1E-06	I	2.0E-02	I			V	9.2E+02	1.4E+09	9.7E+03	1		Bromoform	75-25-2	4.1E+04		1.1E+04	8.6E+03	2.3E+04			2.3E+04
				1.4E-03	I	5.0E-03	I	V	3.6E+03	1.4E+09	1.4E+03	1		Bromomethane	74-83-9					1.6E+03		3.1E+01	3.0E+01
				5.0E-03	H			V	1.4E+09	1.2E+05		1		Bromophos	2104-96-3					5.8E+03			5.8E+03
				2.0E-02	I					1.4E+09		1	0.1	Bromoxynil	1689-84-5					2.3E+04	5.5E+04		1.6E+04
3.4E+00	C	3.0E-05	I	2.0E-02	I			V	1.4E+09	4.7E+05		1		Bromoxynil Octanoate	1689-99-2					2.3E+04			2.3E+04
				1.0E-01	I	2.0E-03	I	V	6.7E+02	1.4E+09	8.7E+02	1		Butadiene, 1,3-	106-99-0	9.6E+01		3.5E+01	2.6E+01			7.6E+00	7.6E+00
				1.0E-01	I			V	7.6E+03	1.4E+09	3.0E+04	1		Butanol, n-	71-36-3					1.2E+05			1.2E+05
2.0E+00	P	3.0E+01	P	2.1E+04	P	3.0E+01	P	V	2.1E+04	1.4E+09	2.9E+04	1		Butyl alcohol, sec-	78-92-2					2.3E+06		3.8E+06	1.5E+06
2.0E-04	C	5.7E-08	C	5.0E-02	I			V	1.4E+09	8.6E+04		1		Butylate	2008-41-5					5.8E+04			5.8E+04
				1.4E+09						1.4E+09		1	0.1	Butylated hydroxyanisole	25013-16-5	1.6E+06	3.9E+06	2.9E+10	1.1E+06				
3.6E-03	P			3.0E-01	P					1.4E+09		1	0.1	Butylated hydroxytoluene	128-37-0	9.1E+04	2.1E+05		6.4E+04	3.5E+05	8.3E+05		2.5E+05
				5.0E-02	P			V	1.1E+02	1.4E+09	8.1E+03	1		Butylbenzene, n-	104-51-8					5.8E+04			5.8E+04
				1.0E-01	X			V	1.5E+02	1.4E+09	7.4E+03	1		Butylbenzene, sec-	135-98-8					1.2E+05			1.2E+05
				1.0E-01	X			V	1.8E+02	1.4E+09	7.4E+03	1		Butylbenzene, tert-	98-06-6					1.2E+05			1.2E+05
				2.0E-02	A					1.4E+09		1	0.1	Caodylic Acid	75-60-5					2.3E+04	5.5E+04		1.6E+04
				1.8E-03	I	1.0E-03	I	1.0E-05	A	1.4E+09		0.025	0.001	Cadmium (Diet)	7440-43-9			9.3E+05	9.3E+05	1.2E+03	6.9E+03	6.0E+04	9.8E+02
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C	M		1.4E+09		0.025	0.001	Cadmium (Water)	7440-43-9	6.5E+02		1.1E+04	6.2E+02	2.3E+04		1.2E+06	2.3E+04
				5.0E-01	I	2.2E-03	C			1.4E+09		1	0.1	Calcium Chromate	13765-19-0					5.8E+05	1.4E+06	1.3E+07	4.0E+05
1.5E-01	C	4.3E-05	C	2.0E-03	I					1.4E+09		1	0.1	Captafol	2425-06-1	2.2E+03	5.2E+03	3.9E+07	1.5E+03	2.3E+03	5.5E+03		1.6E+03
2.3E-03	C	6.6E-07	C	1.3E-01	I					1.4E+09		1	0.1	Captan	133-06-2	1.4E+05	3.4E+05	2.5E+09	1.0E+05	1.5E+05	3.6E+05		1.1E+05
				1.0E-01	I					1.4E+09		1	0.1	Carbaryl	63-25-2					1.2E+05	2.8E+05		8.2E+04
				5.0E-03	I					1.4E+09		1	0.1	Carbofuran	1563-66-2					5.8E+03	1.4E+04		4.1E+03
				1.0E-01	I	7.0E-01	I	V	7.4E+02	1.4E+09	1.2E+03	1		Carbon Disulfide	75-15-0					1.2E+05		3.6E+03	3.5E+03
7.0E-02	I	6.0E-06	I	4.0E-03	I	1.0E-01	I	V	4.6E+02	1.4E+09	1.5E+03	1		Carbon Tetrachloride	56-23-5	4.7E+03		3.1E+02	2.9E+02	4.7E+03		6.5E+02	5.7E+02
				1.0E-01	P	V			5.9E+03	1.4E+09	6.5E+02	1		Carbonyl Sulfide	463-58-1					1.2E+05		2.8E+02	2.8E+02
				1.0E-02	I					1.4E+09		1	0.1	Carbosulfan	55285-14-8					1.2E+04	2.8E+04		8.2E+03
				1.0E-01	I					1.4E+09		1	0.1	Carboxin	5234-68-4					1.2E+05	2.8E+05		8.2E+04
				9.0E-04	I					1.4E+09		1		Ceric oxide	1306-38-3					1.2E+05		5.4E+06	5.4E+06
				1.0E-01	I			V	1.4E+09	1.5E+05		1		Chloral Hydrate	302-17-0					1.8E+04	4.1E+04		1.2E+05
				1.5E-02	I					1.4E+09		1	0.1	Chloramben	133-90-4					1.8E+04	4.1E+04		1.2E+04
4.0E-01	H									1.4E+09		1	0.1	Chloranil	118-75-2	8.1E+02	1.9E+03		5.7E+02				
3.5E-01	I	1.0E-04	I	5.0E-04	I	7.0E-04	I	V	1.4E+09	1.5E+06		1	0.04	Chlordane	12789-03-6	9.3E+02	5.5E+03	1.9E+04	7.7E+02	5.8E+02	3.4E+03	4.7E+03	4.5E+02
1.0E+01	I	4.6E-03	C	3.0E-04	I					1.4E+09		1	0.1	Chlordecone (Kepone)	143-50-0	3.3E+01	7.7E+01	3.6E+05	2.3E+01	3.5E+02	8.3E+02		2.5E+02
				7.0E-04	A					1.4E+09		1	0.1	Chlorfenvinphos	470-90-6					8.2E+02	1.9E+03		5.7E+02
				2.0E-02	I					1.4E+09		1	0.1	Chlorimuron, Ethyl-	90982-32-4					2.3E+04	5.5E+04		1.6E+04
				1.0E-01	I	1.5E-04	A	V	2.8E+03	1.4E+09	1.2E+03	1		Chlorine	7782-50-5					1.2E+05		7.8E-01	7.8E-01
				3.0E-02	I	2.0E-04	I	V	1.4E+09			1		Chlorine Dioxide	10049-04-4					3.5E+04		1.2E+06	3.4E+04
				3.0E-02	I					1.4E+09		1		Chlorite (Sodium									

Regional Removal Management Level (RML) Composite Worker 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 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	v o l u t i l 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 THQ=1 (mg/kg)	Dermal SL THQ=1 (mg/kg)	Inhalation SL THQ=1 (mg/kg)	Noncarcinogenic SL THI=1 (mg/kg)
4.6E-01	H									1.4E+09				0.1	Chloro-2-methylaniline HCl, 4-	3165-93-3	7.1E+02	1.7E+03		5.0E+02				
1.0E-01	P	7.7E-05	C	3.0E-03	X					1.4E+09				0.1	Chloro-2-methylaniline, 4-	95-69-2	3.3E+03	7.7E+03	2.2E+07	2.3E+03	3.5E+03	8.3E+03		2.5E+03
2.7E-01	X									1.2E+04	1.4E+09	1.6E+04	1		Chloroacetaldehyde, 2-	107-20-0	1.2E+03			1.2E+03				
										1.4E+09				0.1	Chloroacetic Acid	79-11-8								
										3.0E-05	1.4E+09			0.1	Chloroacetophenone, 2-	532-27-4						1.8E+05		1.8E+05
2.0E-01	P			4.0E-03	I					1.4E+09				0.1	Chloroaniline, p-	106-47-8	1.6E+03	3.9E+03		1.1E+03	4.7E+03	1.1E+04		3.3E+03
				2.0E-02	I	5.0E-02	P	V		7.6E+02	1.4E+09	6.5E+03	1		Chlorobenzene	108-90-7					2.3E+04		1.4E+03	1.3E+03
1.1E-01	C	3.1E-05	C	2.0E-02	I					1.4E+09				0.1	Chlorobenzilate	510-15-6	3.0E+03	7.0E+03	5.4E+07	2.1E+03	2.3E+04	5.5E+04		1.6E+04
				3.0E-02	X					1.4E+09				0.1	Chlorobenzoic Acid, p-	74-11-3					3.5E+04	8.3E+04		2.5E+04
				3.0E+03	P	3.0E-01	P	V		2.9E+02	1.4E+09	6.8E+03	1		Chlorobenzotrifluoride, 4-	98-56-6					3.5E+03		8.9E+03	2.5E+03
				4.0E-02	P					7.3E+02	1.4E+09	1.8E+03	1		Chlorobutane, 1-	109-69-3					4.7E+04			4.7E+04
				5.0E+01	I	V				1.7E+03	1.4E+09	9.4E+02	1		Chlorodifluoromethane	75-45-6							2.1E+05	
				2.0E-02	P					1.1E+05	1.4E+09	7.8E+04	1		Chloroethanol, 2-	107-07-3					2.3E+04			2.3E+04
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	1.1E+04		1.4E+02	1.4E+02	1.2E+04		1.1E+03	1.0E+03
				9.0E-02	I	V				1.3E+03	1.4E+09	1.2E+03	1		Chloromethane	74-87-3							4.6E+02	4.6E+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	1.4E+02		9.5E+00	8.9E+00	3.5E+03	8.3E+03	6.0E+04	2.4E+03
3.0E-01	P			3.0E-03	P	1.0E-05	X			1.4E+09				0.1	Chloronitrobenzene, o-	88-73-3	1.1E+03	2.6E+03		7.7E+02	3.5E+03	8.3E+03	6.0E+04	2.4E+03
6.0E-02	P			7.0E-04	P	2.0E-03	P			1.4E+09				0.1	Chloronitrobenzene, p-	100-00-5	5.5E+03	1.3E+04		3.8E+03	8.2E+02	1.9E+03	1.2E+07	5.7E+02
				5.0E-03	I					2.7E+04	1.4E+09	1.4E+05	1		Chlorophenol, 2-	95-57-8					5.8E+03			5.8E+03
				4.0E-04	C	V				6.2E+02	1.4E+09	4.7E+03	1		Chloropicrin	76-06-2						8.2E+00		8.2E+00
3.1E-03	C	8.9E-07	C	1.5E-02	I					1.4E+09				0.1	Chlorothalonil	1897-45-6	1.1E+05	2.5E+05	1.9E+09	7.4E+04	1.8E+04	4.1E+04		1.2E+04
				2.0E-02	I					9.1E+02	1.4E+09	8.1E+03	1		Chlorotoluene, o-	95-49-8					2.3E+04			2.3E+04
				2.0E-02	X					2.5E+02	1.4E+09	7.3E+03	1		Chlorotoluene, p-	106-43-4					2.3E+04			2.3E+04
2.4E+02	C	6.9E-02	C							1.4E+09				0.1	Chlorozotocin	54749-90-5	1.4E+00	3.2E+00	2.4E+04	9.6E-01				
				2.0E-01	I					1.4E+09				0.1	Chlorpropham	101-21-3					2.3E+05	5.5E+05		1.6E+05
				1.0E-03	A					1.4E+09				0.1	Chlorpyrifos	2921-88-2					1.2E+03	2.8E+03		8.2E+02
				1.0E-02	H					1.4E+09				0.1	Chlorpyrifos Methyl	5598-13-0					1.2E+04	2.8E+04		8.2E+03
				5.0E-02	I					1.4E+09				0.1	Chlorsulfuron	64902-72-3					5.8E+04	1.4E+05		4.1E+04
				1.0E-02	I					1.4E+09				0.1	Chlorthal-dimethyl	1861-32-1					1.2E+04	2.8E+04		8.2E+03
				8.0E-04	H					1.4E+09				0.1	Chlorthiophos	60238-56-4					9.3E+02	2.2E+03		6.6E+02
				1.5E+00	I					1.4E+09	0.013				Chromium(III), Insoluble Salts	16065-83-1					1.8E+06			1.8E+06
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	6.5E+02		2.0E+04	6.3E+02	3.5E+03	6.0E+05		3.5E+03
				1.3E-02	I					1.4E+09	0.013			0.1	Chromium, Total	7440-47-3					1.5E+04	3.6E+04		1.1E+04
				9.0E-03	P	3.0E-04	P	6.0E-06	P	1.4E+09				0.1	Clofentazine	74115-24-5					3.5E+02		3.6E+04	3.5E+02
				6.2E-04	I					1.4E+09				0.1	Cobalt	7440-48-4			1.9E+05	1.9E+05			3.6E+04	3.5E+02
				4.0E-02	H					1.4E+09				1	Coke Oven Emissions	8007-45-2					4.7E+04			4.7E+04
				5.0E-02	I	6.0E-01	C			1.4E+09				0.1	Copper	7440-50-8					5.8E+04	1.4E+05	3.6E+09	4.1E+04
				5.0E-02	I	6.0E-01	C			1.4E+09				0.1	Cresol, m-	108-39-4					5.8E+04	1.4E+05	3.6E+09	4.1E+04
				1.0E-01	A	6.0E-01	C			1.4E+09				0.1	Cresol, o-	95-48-7					1.2E+05	2.8E+05	3.6E+09	8.2E+04
				1.0E-01	A	6.0E-01	C			1.4E+09				0.1	Cresol, p-chloro-m-	59-50-7					1.2E+05	2.8E+05	3.6E+09	8.2E+04
1.9E+00	H			1.0E-01	A	6.0E-01	C			1.4E+09				0.1	Cresols	1319-77-3					1.2E+05	2.8E+05	3.6E+09	8.2E+04
				1.0E-03	P					1.7E+04	1.4E+09	1.9E+04	1		Crotonaldehyde, trans-	123-73-9	1.7E+02		1.7E+02	1.2E+03				1.2E+03
				1.0E-01	I	4.0E-01	I	V		2.7E+02	1.4E+09	6.2E+03	1		Cumene	98-82-8				1.2E+05		1.1E+04	9.9E+03	
2.2E-01	C	6.3E-05	C							1.4E+09				0.1	Cupferron	135-20-6	1.5E+03	3.5E+03	2.6E+07	1.0E+03	2.3E+03	5.5E+03		1.6E+03
8.4E-01	H			2.0E-03	H					1.4E+09				0.1	Cyanazine	21725-46-2	3.9E+02	9.2E+02		2.7E+02				
				1.0E-03	I					1.4E+09				1	~Calcium Cyanide	592-01-8					1.2E+03			1.2E+03
				5.0E-03	I					1.4E+09				1	~Copper Cyanide	544-92-3					5.8E+03			5.8E+03
				6.0E-04	I	8.0E-04	S	V		9.5E+05	1.4E+09	5.3E+04	1		~Cyanide (CN-)	57-12-5					7.0E+02		1.9E+02	1.5E+02
				1.0E-03	I					1.4E+09				1	~Cyanogen	460-19-5					1.2E+03			1.2E+03
				9.0E-02	I					1.4E+09				1	~Cyanogen Bromide	506-68-3					1.1E+05			1.1E+05
				5.0E-02	I					1.4E+09				1	~Cyanogen Chloride	506-77-4					5.8E+04			5.8E+04
				6.0E-04	I	8.0E-04	I	V		1.0E+07	1.4E+09	5.2E+04	1		~Hydrogen Cyanide	74-90-8					7.0E+02		1.8E+02	1.5E+02
				2.0E-03	I					1.4E+09				1	~Potassium Cyanide	151-50-8					2.3E+03			2.3E+03
				5.0E-03	I					1.4E+09	0.04			0.04	~Potassium Silver Cyanide	506-61-6					5.8E+03			5.8E+03
				1.0E-01	I					1.4E+09	0.04			0.04	~Silver Cyanide	506-64-9					1.2E+05			1.2E+05
				1.0E-03	I					1.4E+09				1	~Sodium Cyanide	143-33-9					1.2E+03			1.2E+03
				2																				

Regional Removal Management Level (RML) Composite Worker 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 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 I	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 THQ=1 (mg/kg)	Dermal SL THQ=1 (mg/kg)	Inhalation SL THQ=1 (mg/kg)	Noncarcinogenic SL THI=1 (mg/kg)
				2.0E-04	X			V			1.4E+09			1	*Thiocyanic Acid	463-56-9					2.3E+02			2.3E+02
				5.0E-02	I						1.4E+09			1	*Zinc Cyanide	557-21-1					5.8E+04			5.8E+04
				6.0E+00	I	V				1.2E+02	1.4E+09	1.0E+03		1	Cyclohexane	110-82-7							2.7E+04	2.7E+04
2.3E-02	H										1.4E+09			0.1	Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	1.4E+04	3.4E+04		1.0E+04				
				5.0E+00	I	7.0E-01	P	V		5.1E+03	1.4E+09	4.2E+04		1	Cyclohexanone	108-94-1					5.8E+06		1.3E+05	1.3E+05
				5.0E-03	P	1.0E+00	X	V		2.8E+02	1.4E+09	1.5E+03		1	Cyclohexene	110-83-8					5.8E+03		6.4E+03	3.1E+03
				2.0E-01	I			V		2.9E+05	1.4E+09	7.5E+04		1	Cyclohexylamine	108-91-8					2.3E+05			2.3E+05
				2.5E-02	I						1.4E+09			0.1	Cyfluthrin	68359-37-5					2.9E+04	6.9E+04		2.1E+04
				5.0E-03	I						1.4E+09			0.1	Cyhalothrin	68085-85-8					5.8E+03	1.4E+04		4.1E+03
				1.0E-02	I						1.4E+09			0.1	Cypermethrin	52315-07-8					1.2E+04	2.8E+04		8.2E+03
2.4E-01	I	6.9E-05	C	7.5E-03	I						1.4E+09			0.1	Cyromazine	66215-27-8					8.8E+03	2.1E+04		6.2E+03
								V			1.4E+09	2.1E+06		1	DDD	72-54-8	1.4E+03	3.2E+03	2.4E+07	9.6E+02				
3.4E-01	I	9.7E-05	C								1.4E+09			0.1	DDE, p,p'-	72-55-9	9.6E+02		2.7E+04	9.3E+02				
3.4E-01	I	9.7E-05	I	5.0E-04	I						1.4E+09			0.3	DDT	50-29-3	9.6E+02	7.6E+03	1.7E+07	8.5E+02	5.8E+02	4.6E+03		5.2E+02
				3.0E-02	I						1.4E+09			1	Dalapon	75-99-0					3.5E+04	8.3E+04		2.5E+04
1.8E-02	C	5.1E-06	C	1.5E-01	I						1.4E+09			0.1	Daminozide	1596-84-5	1.8E+04	4.3E+04	3.3E+08	1.3E+04	1.8E+05	4.1E+05		1.2E+05
7.0E-04	I			7.0E-03	I						1.4E+09			0.1	Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209)	1163-19-5	4.7E+05	1.1E+06		3.3E+05	8.2E+03	1.9E+04		5.7E+03
				4.0E-05	I						1.4E+09			0.1	Demeton	8065-48-3					4.7E+01	1.1E+02		3.3E+01
1.2E-03	I			6.0E-01	I						1.4E+09			0.1	Di(2-ethylhexyl)adipate	103-23-1	2.7E+05	6.4E+05		1.9E+05	7.0E+05	1.7E+06		4.9E+05
6.1E-02	H			7.0E-04	A						1.4E+09			0.1	Diallate	2303-16-4	5.4E+03	1.3E+04		3.8E+03	8.2E+02	1.9E+03		5.7E+02
				7.0E-04	A						1.4E+09			0.1	Diazinon	333-41-5					8.2E+02	1.9E+03		5.7E+02
8.0E-01	P	6.0E-03	P	1.0E-02	X			V			1.4E+09	5.2E+05		1	Dibenzothiophene	132-65-0					1.2E+04			1.2E+04
				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	4.1E+02		6.5E+00	6.4E+00	2.3E+02		2.8E+01	2.5E+01
				4.0E-04	X			V		1.6E+02	1.4E+09	1.9E+04		1	Dibromobenzene, 1,3-	108-36-1					4.7E+02			4.7E+02
				1.0E-02	I			V			1.4E+09	2.2E+04		1	Dibromobenzene, 1,4-	106-37-6					1.2E+04			1.2E+04
8.4E-02	I			2.0E-02	I			V		8.0E+02	1.4E+09	8.0E+03		1	Dibromochloromethane	124-48-1	3.9E+03		3.9E+03		2.3E+04			2.3E+04
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	1.6E+02		1.8E+01	1.6E+01	1.1E+04		3.4E+02	3.3E+02
				4.0E-03	X	V				2.8E+03	1.4E+09	5.6E+03		1	Dibromomethane (Methylene Bromide)	74-95-3					3.5E+02	8.3E+02	9.9E+01	9.9E+01
				3.0E-04	P						1.4E+09			0.1	Dibutyltin Compounds	NA					3.5E+04	8.3E+04		2.5E+02
				3.0E-02	I						1.4E+09			0.1	Dicamba	1918-00-9					3.5E+04	8.3E+04		2.5E+04
				4.2E-03	P			V		5.5E+02	1.4E+09	3.2E+03		1	Dichloro-2-butene, 1,4-	764-41-0			9.4E-01	9.4E-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			3.2E+00	3.2E+00				
				4.2E-03	P			V		7.6E+02	1.4E+09	1.1E+04		1	Dichloro-2-butene, trans-1,4-	110-57-5			3.2E+00	3.2E+00				
5.0E-02	I			4.0E-03	I			V			1.4E+09			0.1	Dichloroacetic Acid	79-4316	6.5E+03	1.5E+04		4.6E+03	4.7E+03	1.1E+04		3.3E+03
				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					1.1E+05		1.0E+04	9.3E+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	6.1E+04		1.2E+03	1.1E+03	8.2E+04		3.7E+04	2.5E+04
4.5E-01	I	3.4E-04	C								1.4E+09			0.1	Dichlorobenzidine, 3,3'-	91-94-1	7.3E+02	1.7E+03	4.9E+06	5.1E+02				
				9.0E-03	X						1.4E+09			0.1	Dichlorobenzophenone, 4,4'-	90-98-2					1.1E+04	2.5E+04		7.4E+03
				2.0E-01	I	1.0E-01	X	V		8.5E+02	1.4E+09	8.4E+02		1	Dichlorodifluoromethane	75-71-8					2.3E+05		3.7E+02	3.7E+02
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	5.7E+04		1.6E+03	1.6E+03	2.3E+05			2.3E+05
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	3.6E+03		2.2E+02	2.0E+02	7.0E+03		1.4E+02	1.4E+02
				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					5.8E+04		1.0E+03	1.0E+03
				2.0E-03	I			V		2.4E+03	1.4E+09	2.5E+03		1	Dichloroethylene, 1,2-cis-	156-59-2					2.3E+03			2.3E+03
				2.0E-02	I			V		1.9E+03	1.4E+09	1.8E+03		1	Dichloroethylene, 1,2-trans-	156-60-5					2.3E+04			2.3E+04
				3.0E-03	I						1.4E+09			0.1	Dichlorophenol, 2,4-	120-83-2					3.5E+03	8.3E+03		2.5E+03
				1.0E-02	I						1.4E+09			0.05	Dichlorophenoxy Acetic Acid, 2,4-	94-75-7					1.2E+04	5.5E+04		9.6E+03
3.6E-02	C	1.0E-05	C	8.0E-03	I						1.4E+09			0.1	Dichlorophenoxybutyric Acid, 4-(2,4-	94-82-6					9.3E+03	2.2E+04		6.6E+03
				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	9.1E+03		4.6E+02	4.4E+02	1.1E+05		6.6E+01	6.6E+01
				2.0E-02	P			V		1.5E+03	1.4E+09	6.8E+03		1	Dichloropropane, 1,3-	142-28-9					2.3E+04			2.3E+04
				3.0E-03	I						1.4E+09			0.1	Dichloropropanol, 2,3-	616-23-9					3.5E+03	8.3E+03		2.5E+03
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	3.3E+03		1.1E+03	8.2E+02	3.5E+04		3.1E+02	3.1E+02
2.9E-01	I	8.3E-05	C	5.0E-04	I	5.0E-04	I				1.4E+09			0.1	Dichlorvos	62-73-7	1.1E+03	2.7E+03	2.0E+07	7.9E+02	5.8E+02	1.4E+03	3.0E+06	4.1E+02
				1.0E-04	I						1.4E+09			0.1	Dicrotophos	141-66-2					1.2E+02	2.8E+02		8.2E+01
				8.0E-02	P	3.0E-04	X	V		2.6E+02	1.4E+09	4.1E+03		1	Dicyclopentadiene	77-73-6					9.3			

Regional Removal Management Level (RML) Composite Worker 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 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	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 THQ=1 (mg/kg)	Dermal SL THQ=1 (mg/kg)	Inhalation SL THQ=1 (mg/kg)	Noncarcinogenic SL THI=1 (mg/kg)	
3.5E+02	C	1.0E-01	C	1.0E-03	P		V		1.1E+05	1.4E+09	1.4E+05	1	0.1	Diethylformamide	617-84-5					1.2E+03				1.2E+03
				8.0E-02	I					1.4E+09		1	0.1	Diethylstilbestrol	56-53-1	9.3E-01	2.2E+00	1.7E+04	6.6E-01					
				2.0E-02	I					1.4E+09		1	0.1	Difenoquat	43222-48-6					9.3E+04	2.2E+05			6.6E+04
										1.4E+09		1	0.1	Diffubenzuron	35367-38-5					2.3E+04	5.5E+04			1.6E+04
4.4E-02	C	1.3E-05	C	4.0E+01	I	V	V		1.4E+03	1.4E+09	1.2E+03	1		Difluoroethane, 1,1-	75-37-6							2.0E+05		2.0E+05
										1.4E+09	1.2E+05	1		Dihydrosofrole	94-58-6	7.4E+03		1.2E+04	4.5E+03					
										1.4E+09	3.1E+03	1		Diisopropyl Ether	108-20-3							9.4E+03		9.4E+03
				8.0E-02	I		V		5.3E+02	1.4E+09	3.8E+04	1		Diisopropyl Methylphosphonate	1445-75-6					9.3E+04				9.3E+04
				2.0E-02	I					1.4E+09		1	0.1	Dimethipin	55290-64-7					2.3E+04	5.5E+04			1.6E+04
				2.0E-04	I					1.4E+09		1	0.1	Dimethoate	60-51-5					2.3E+02	5.5E+02			1.6E+02
1.6E+00	P									1.4E+09		1	0.1	Dimethoxybenzidine, 3,3'-	119-90-4	2.0E+02	4.8E+02		1.4E+02					
1.7E-03	P			6.0E-02	P					1.4E+09		1	0.1	Dimethyl methylphosphonate	756-79-6	1.9E+05	4.5E+05		1.4E+05	7.0E+04	1.7E+05			4.9E+04
4.6E+00	C	1.3E-03	C							1.4E+09		1	0.1	Dimethylamino azobenzene [p-]	60-11-7	7.1E+01	1.7E+02	1.3E+06	5.0E+01					
5.8E-01	H									1.4E+09		1	0.1	Dimethylaniline HCl, 2,4-	21436-96-4	5.6E+02	1.3E+03		4.0E+02					
2.0E-01	P			2.0E-03	X					1.4E+09		1	0.1	Dimethylaniline, 2,4-	95-68-1	1.6E+03	3.9E+03		1.1E+03	2.3E+03	5.5E+03			1.6E+03
				2.0E-03	I		V		8.3E+02	1.4E+09	3.1E+04	1		Dimethylaniline, N,N-	121-69-7					2.3E+03				2.3E+03
1.1E+01	P			1.0E-01	P	3.0E-02	I	V	1.1E+05	1.4E+09	1.3E+05	1		Dimethylbenzidine, 3,3'-	119-93-7	3.0E+01	7.0E+01		2.1E+01	1.2E+05		1.7E+04		1.5E+04
				1.0E-04	X	2.0E-06	X	V	1.7E+05	1.4E+09	2.8E+04	1		Dimethylformamide	68-12-2					1.2E+02		2.4E-01		2.4E-01
										1.4E+09		1	0.1	Dimethylhydrazine, 1,1-	57-14-7									
5.5E+02	C	1.6E-01	C	2.0E-02	I				1.9E+05	1.4E+09	1.7E+05	1	0.1	Dimethylhydrazine, 1,2-	540-73-8	5.9E-01		1.3E+00	4.1E-01	2.3E+04	5.5E+04			1.6E+04
				6.0E-04	I					1.4E+09		1	0.1	Dimethylphenol, 2,4-	105-67-9					7.0E+02	1.7E+03			4.9E+02
				1.0E-03	I					1.4E+09		1	0.1	Dimethylphenol, 2,6-	576-26-1					1.2E+03	2.8E+03			8.2E+02
4.5E-02	C	1.3E-05	C	1.0E-03	I				4.7E+02	1.4E+09	5.5E+03	1	0.1	Dimethylphenol, 3,4-	95-65-8					9.3E+01	2.2E+02			6.6E+01
				8.0E-05	X					1.4E+09		1	0.1	Dimethylvinylchloride	513-37-1	7.3E+03		5.2E+02	4.8E+02					
				2.0E-03	I					1.4E+09		1	0.1	Dinitro-o-cresol, 4,6-	534-52-1					2.3E+03	5.5E+03			1.6E+03
				1.0E-04	P					1.4E+09		1	0.1	Dinitrobenzene, 1,2-	131-89-5					1.2E+02	2.8E+02			8.2E+01
				1.0E-04	I					1.4E+09		1	0.1	Dinitrobenzene, 1,3-	99-65-0					1.2E+02	2.8E+02			8.2E+01
				1.0E-04	P					1.4E+09		1	0.1	Dinitrobenzene, 1,4-	100-25-4					1.2E+02	2.8E+02			8.2E+01
6.8E-01	I			2.0E-03	I					1.4E+09		1	0.1	Dinitrophenol, 2,4-	51-28-5					2.3E+03	5.5E+03			1.6E+03
										1.4E+09		1	0.1	Dinitrotoluene Mixture, 2,4/2,6-	NA	4.8E+02	1.1E+03		3.4E+02					
3.1E-01	C	8.9E-05	C	2.0E-03	I					1.4E+09		1	0.102	Dinitrotoluene, 2,4-	121-14-2	1.1E+03	2.4E+03	1.9E+07	7.4E+02	2.3E+03	5.4E+03			1.6E+03
1.5E+00	P			3.0E-04	X					1.4E+09		1	0.099	Dinitrotoluene, 2,6-	606-20-2	2.2E+02	5.2E+02		1.5E+02	3.5E+02	8.4E+02			2.5E+02
				2.0E-03	S					1.4E+09		1	0.006	Dinitrotoluene, 2-Amino-4,6-	35572-78-2					2.3E+03	9.2E+04			2.3E+03
				2.0E-03	S					1.4E+09		1	0.009	Dinitrotoluene, 4-Amino-2,6-	19406-51-0					2.3E+03	6.1E+04			2.3E+03
4.5E-01	X			9.0E-04	X					1.4E+09		1	0.1	Dinitrotoluene, Technical grade	25921-14-6	7.3E+02	1.7E+03		5.1E+02	1.1E+03	2.5E+03			7.4E+02
				1.0E-03	I					1.4E+09		1	0.1	Dinoseb	88-85-7					1.2E+03	2.8E+03			8.2E+02
1.0E-01	I	5.0E-06	I	3.0E-02	I	3.0E-02	I	V	1.2E+05	1.4E+09	4.0E+04	1		Dioxane, 1,4-	123-91-1	3.3E+03		9.7E+03	2.4E+03	3.5E+04		5.2E+03		4.5E+03
6.2E+03	I	1.3E+00	I							1.4E+09		1	0.03	Dioxins										
										1.4E+09		1	0.03	**Hexachlorodibenzo-p-dioxin, Mixture	NA	5.3E-02	4.2E-01	1.3E+03	4.7E-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	2.5E-03	2.0E-02	6.3E-02	2.2E-03	8.2E-04	6.4E-03	3.4E-01		7.2E-04
				3.0E-02	I					1.4E+09		1	0.1	Diphenamid	957-51-7					3.5E+04	8.3E+04			2.5E+04
				8.0E-04	X					1.4E+09		1	0.1	Diphenyl Sulfone	127-63-9					9.3E+02	2.2E+03			6.6E+02
				2.5E-02	I					1.4E+09		1	0.1	Diphenylamine	122-39-4					2.9E+04	6.9E+04			2.1E+04
8.0E-01	I	2.2E-04	I							1.4E+09		1	0.1	Diphenylhydrazine, 1,2-	122-66-7	4.1E+02	9.7E+02	7.6E+06	2.9E+02					
				2.2E-03	I					1.4E+09		1	0.1	Diquat	85-00-7					2.6E+03	6.1E+03			1.8E+03
7.1E+00	C	1.4E-01	C							1.4E+09		1	0.1	Direct Black 38	1937-37-7	4.6E+01	1.1E+02	1.2E+04	3.2E+01					
7.4E+00	C	1.4E-01	C							1.4E+09		1	0.1	Direct Blue 6	2602-46-2	4.4E+01	1.0E+02	1.2E+04	3.1E+01					
6.7E+00	C	1.4E-01	C							1.4E+09		1	0.1	Direct Brown 95	16071-86-6	4.9E+01	1.2E+02	1.2E+04	3.4E+01					
				4.0E-05	I					1.4E+09		1	0.1	Disulfoton	298-04-4					4.7E+01	1.1E+02			3.3E+01
				1.0E-02	I		V			1.4E+09	4.5E+04	1		Dithiane, 1,4-	505-29-3					1.2E+04				1.2E+04
				2.0E-03	I					1.4E+09		1	0.1	Diuron	330-54-1					2.3E+03	5.5E+03			1.6E+03
				4.0E-03	I					1.4E+09		1	0.1	Dodine	2439-10-3					4.7E+03	1.1E+04			3.3E+03
				2.5E-02	I		V			1.4E+09	1.2E+05	1		EPTC	759-94-4					2.9E+04				2.9E+04
				6.0E-03	I		V			1.4E+09	4.1E+05	1		Endosulfan	115-29-7					7.0E+03				7.0E+03
				2.0E-02	I					1.4E+09		1	0.1	Endothall	145-73-3					2.3E+04	5.5E+04			1.6E+04
				3.0E-04	I					1.4E+09		1	0.1	Endrin	72-20-8					3.5E+02	8.3E+02			2.5E+02
9.9E-03	I	1.2E-06																						

Regional Removal Management Level (RML) Composite Worker 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 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	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 THQ=1 (mg/kg)	Dermal SL THQ=1 (mg/kg)	Inhalation SL THQ=1 (mg/kg)	Noncarcinogenic SL THI=1 (mg/kg)
				4.0E-02	P										Ethanol, 2-(2-methoxyethoxy)- Ethephon	111-77-3 16672-87-0					4.7E+04	1.1E+05		3.3E+04
				5.0E-03	I						1.4E+09		1	0.1							5.8E+03	1.4E+04		4.1E+03
				5.0E-04	I						1.4E+09		1	0.1	Ethion	563-12-2					5.8E+02	1.4E+03		4.1E+02
				1.0E-01	P	6.0E-02	P	V		2.4E+04	1.4E+09	6.2E+04	1		Ethoxyethanol Acetate, 2- Ethoxyethanol, 2-	111-15-9 110-80-5					1.2E+05		1.6E+04	1.4E+04
				9.0E-02	P	2.0E-01	I	V		1.1E+05	1.4E+09	9.8E+04	1							1.1E+05		8.6E+04	4.7E+04	
				9.0E-01	I	7.0E-02	P	V		1.1E+04	1.4E+09	8.6E+03	1		Ethyl Acetate	141-78-6					1.1E+06		2.6E+03	2.6E+03
				5.0E-03	P	8.0E-03	P	V		2.5E+03	1.4E+09	6.3E+03	1		Ethyl Acrylate	140-88-5					5.8E+03		2.2E+02	2.1E+02
						1.0E+01	I	V		2.1E+03	1.4E+09	1.3E+03	1		Ethyl Chloride (Chloroethane)	75-00-3							5.7E+04	5.7E+04
				2.0E-01	I			V		1.0E+04	1.4E+09	3.1E+03	1		Ethyl Ether	60-29-7					2.3E+05			2.3E+05
						3.0E-01	P	V		1.1E+03	1.4E+09	5.8E+03	1		Ethyl Methacrylate	97-63-2							7.6E+03	7.6E+03
				1.0E-05	I						1.4E+09		1	0.1	Ethyl-p-nitrophenyl Phosphonate	2104-64-5					1.2E+01	2.8E+01		8.2E+00
1.1E-02	C	2.5E-06	C	1.0E-01	I	1.0E+00	I	V		4.8E+02	1.4E+09	5.7E+03	1		Ethylbenzene	100-41-4	3.0E+04		2.8E+03	2.5E+03	1.2E+05		2.5E+04	2.0E+04
				7.0E-02	P						1.4E+09		1	0.1	Ethylene Cyanohydrin	109-78-4					8.2E+04	1.9E+05		5.7E+04
				9.0E-02	P			V		1.9E+05	1.4E+09	1.8E+05	1		Ethylene Diamine	107-15-3					1.1E+05			1.1E+05
				2.0E+00	I	4.0E-01	C				1.4E+09		1	0.1	Ethylene Glycol	107-21-1					2.3E+06	5.5E+06	2.4E+09	1.6E+06
				1.0E-01	I	1.6E+00	I				1.4E+09		1	0.1	Ethylene Glycol Monobutyl Ether	111-76-2					1.2E+05	2.8E+05	9.5E+09	8.2E+04
3.1E-01	C	8.8E-05	C			3.0E-02	C	V		1.2E+05	1.4E+09	6.1E+03	1		Ethylene Oxide	75-21-8	1.1E+03		8.5E+01	7.9E+01	1.2E+05		8.0E+02	8.0E+02
4.5E-02	C	1.3E-05	C	8.0E-05	I						1.4E+09		1	0.1	Ethylene Thiourea	96-45-7	7.3E+03	1.7E+04	1.3E+08	5.1E+03	9.3E+01	2.2E+02		6.6E+01
6.5E+01	C	1.9E-02	C					V		1.5E+05	1.4E+09	2.4E+04	1		Ethyleneimine	151-56-4	5.0E+00		1.5E+00	1.2E+00				
				3.0E+00	I						1.4E+09		1	0.1	Ethylphthalyl Ethyl Glycolate	84-72-0					3.5E+06	8.3E+06		2.5E+06
				2.5E-04	I						1.4E+09		1	0.1	Fenamiphos	22224-92-6					2.9E+02	6.9E+02		2.1E+02
				2.5E-02	I						1.4E+09		1	0.1	Fenpropathrin	39515-41-8					2.9E+04	6.9E+04		2.1E+04
				2.5E-02	I						1.4E+09		1	0.1	Fenvalerate	51630-58-1					2.9E+04	6.9E+04		2.1E+04
				1.3E-02	I						1.4E+09		1	0.1	Fluometuron	2164-17-2					1.5E+04	3.6E+04		1.1E+04
				4.0E-02	C	1.3E-02	C				1.4E+09		1		Fluoride	16984-48-8					4.7E+04		7.7E+07	4.7E+04
				6.0E-02	I	1.3E-02	C				1.4E+09		1		Fluorine (Soluble Fluoride)	7782-41-4					7.0E+04		7.7E+07	7.0E+04
				8.0E-02	I						1.4E+09		1	0.1	Fluridone	59756-60-4					9.3E+04	2.2E+05		6.6E+04
				2.0E-02	I						1.4E+09		1	0.1	Flurprimidol	56425-91-3					2.3E+04	5.5E+04		1.6E+04
				7.0E-04	I						1.4E+09		1	0.1	Flusilazole	85509-19-9					8.2E+02	1.9E+03		5.7E+02
				6.0E-02	I						1.4E+09		1	0.1	Flutolanil	66332-96-5					7.0E+04	1.7E+05		4.9E+04
				1.0E-02	I						1.4E+09		1	0.1	Fluvalinate	69409-94-5					1.2E+04	2.8E+04		8.2E+03
3.5E-03	I			1.0E-01	I						1.4E+09		1	0.1	Folpet	133-07-3	9.3E+04	2.2E+05		6.6E+04	1.2E+05	2.8E+05		8.2E+04
1.9E-01	I										1.4E+09		1	0.1	Fomesafen	72178-02-0	1.7E+03	4.1E+03		1.2E+03	2.3E+03	5.5E+03		1.6E+03
				2.0E-03	I						1.4E+09		1	0.1	Fonofos	944-22-3					2.3E+05		3.3E+03	3.3E+03
				1.3E-05	I	2.0E-01	I	9.8E-03	A	V	4.2E+04	1.4E+09	7.8E+04	1		Formaldehyde	50-00-0			7.3E+03	7.3E+03			
				9.0E-01	P	3.0E-04	X	V		1.1E+05	1.4E+09	9.3E+04	1		Formic Acid	64-18-6					1.1E+06		1.2E+02	1.2E+02
				3.0E+00	I						1.4E+09		1	0.1	Fosetyl-AL Furans	39148-24-8					3.5E+06	8.3E+06		2.5E+06
				1.0E-03	X			V			1.4E+09	1.6E+05	1	0.03	~Dibenzofuran	132-64-9					1.2E+03	9.2E+03		1.0E+03
				1.0E-03	I			V		6.2E+03	1.4E+09	2.6E+03	1	0.03	~Furan	110-00-9					1.2E+03	9.2E+03		1.0E+03
				9.0E-01	I	2.0E+00	I	V		1.7E+05	1.4E+09	1.2E+04	1	0.03	~Tetrahydrofuran	109-99-9					1.1E+06	8.3E+06	1.0E+05	9.4E+04
3.8E+00	H										1.4E+09		1	0.1	Furazolidone	67-45-8	8.6E+01	2.0E+02		6.0E+01				
				3.0E-03	I	5.0E-02	H	V		1.0E+04	1.4E+09	4.9E+04	1		Furfural	98-01-1					3.5E+03		1.1E+04	2.6E+03
1.5E+00	C	4.3E-04	C								1.4E+09		1	0.1	Furium	531-82-8	2.2E+02	5.2E+02	3.9E+06	1.5E+02				
3.0E-02	I	8.6E-06	C								1.4E+09		1	0.1	Furmecyclox	60568-05-0	1.1E+04	2.6E+04	1.9E+08	7.7E+03				
				4.0E-04	I						1.4E+09		1	0.1	Glufosinate, Ammonium	77182-82-2					4.7E+02	1.1E+03		3.3E+02
						8.0E-05	C				1.4E+09		1	0.1	Glutaraldehyde	111-30-8							4.8E+05	4.8E+05
				4.0E-04	I	1.0E-03	H	V		1.1E+05	1.4E+09	8.4E+04	1		Glycidyl	765-34-4					4.7E+02		3.7E+02	2.1E+02
				1.0E-01	I						1.4E+09		1	0.1	Glyphosate	1071-83-6					1.2E+05	2.8E+05		8.2E+04
				1.0E-02	X			V			1.4E+09	1.5E+05	1		Guanidine	113-00-8					1.2E+04			1.2E+04
				2.0E-02	P						1.4E+09		1	0.1	Guanidine Chloride	50-01-1					2.3E+04	5.5E+04		1.6E+04
				5.0E-05	I						1.4E+09		1	0.1	Haloxypol, Methyl	69806-40-2					5.8E+01	1.4E+02		4.1E+01
4.5E+00	I	1.3E-03	I					V			1.4E+09	4.8E+05	1		Heptachlor	76-44-8	7.3E+01		4.5E+02	6.3E+01	5.8E+02			5.8E+02
9.1E+00	I	2.6E-03	I	1.3E-05	I			V			1.4E+09	8.4E+05	1		Heptachlor Epoxide	1024-57-3	3.6E+01		4.0E+02	3.3E+01	1.5E+01			1.5E+01
				2.0E-03	I			V			1.4E+09	3.8E+05	1		Hexabromobenzene	87-82-1					2.3E+03			2.3E+03
				2.0E-04	I						1.4E+09		1	0.1	Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153)	68631-49-2					2.3E+02	5.5E+02		1.6E+02
1.6E+00	I	4.6E-04	I	8.0E-04	I			V			1.4E+09	6.8E+04	1		Hexachlorobenzene	118-74-1	2.0E+02		1.8E+					

Regional Removal Management Level (RML) Composite Worker 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 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 _v (y)	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)	Ingestion SL THQ=1 (mg/kg)	Dermal SL THQ=1 (mg/kg)	Inhalation SL THQ=1 (mg/kg)	Noncarcinogenic SL 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					3.5E+02			1.8E+06	3.5E+02
						3.0E-04	I	V		3.1E+00	1.4E+09	3.5E+04	1		**Mercury (elemental)	7439-97-6							4.6E+01	4.6E+01	
				1.0E-04	I					1.4E+09			1	**Methyl Mercury	22967-92-6					1.2E+02				1.2E+02	
				8.0E-05	I					1.4E+09			0.1	**Phenylmercuric Acetate	62-38-4					9.3E+01	2.2E+02			6.6E+01	
				3.0E-05	I			V		1.4E+09	1.9E+06		1	Merphos	150-50-5					3.5E+01				3.5E+01	
				3.0E-05	I					1.4E+09			0.1	Merphos Oxide	78-48-8					3.5E+01	8.3E+01			2.5E+01	
				6.0E-02	I					1.4E+09			0.1	Metalaxyl	57837-19-1					7.0E+04	1.7E+05			4.9E+04	
				1.0E-04	I	3.0E-02	P	V		4.6E+03	1.4E+09	6.8E+03	1		Methacrylonitrile	126-98-7					1.2E+02		8.9E+02	1.0E+02	
				5.0E-05	I					1.4E+09			0.1	Methamidophos	10265-92-6					5.8E+01	1.4E+02			4.1E+01	
				2.0E+00	I	2.0E+01	I	V		1.1E+05	1.4E+09	2.9E+04	1		Methanol	67-56-1				2.3E+06		2.5E+06		1.2E+06	
				1.0E-03	I					1.4E+09			0.1	Methidathion	950-37-8					1.2E+03	2.8E+03			8.2E+02	
4.9E-02	C	1.4E-05	C	2.5E-02	I					1.4E+09			0.1	Methomyl	16752-77-5	6.7E+03	1.6E+04	1.2E+08	4.7E+03	2.9E+04	6.9E+04			2.1E+04	
				5.0E-03	I					1.4E+09			0.1	Methoxychlor	72-43-5					5.8E+03	1.4E+04			4.1E+03	
				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					9.3E+03		5.4E+02	5.1E+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					5.8E+03		8.8E+03	3.5E+03	
				1.0E+00	X			V		2.9E+04	1.4E+09	8.1E+03	1		Methyl Acetate	79-20-9					1.2E+06			1.2E+06	
						2.0E-02	P	V		6.8E+03	1.4E+09	7.0E+03	1		Methyl Acrylate	96-33-3							6.1E+02	6.1E+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)	78-93-4					7.0E+05		2.7E+05	1.9E+05	
				1.0E-03	X	1.0E-03	P	2.0E-05	X	1.8E+05	1.4E+09	5.0E+04	1		Methyl Hydrazine	60-34-4		6.2E+01	6.2E+01		1.2E+03		4.4E+00	4.4E+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							1.4E+05	1.4E+05	
						1.0E-03	C	V		1.0E+04	1.4E+09	4.4E+03	1		Methyl Isocyanate	624-83-9							1.9E+01	1.9E+01	
				1.4E+00	I	7.0E-01	I	V		2.4E+03	1.4E+09	6.3E+03	1		Methyl Methacrylate	80-62-6			6.2E+01		1.6E+06		1.9E+04	1.9E+04	
				2.5E-04	I					1.4E+09			0.1	Methyl Parathion	298-00-0					2.9E+02	6.9E+02			2.1E+02	
				6.0E-02	X					1.4E+09			0.1	Methyl Phosphonic Acid	993-13-5					7.0E+04	1.7E+05			4.9E+04	
				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					7.0E+03		4.3E+03	2.6E+03	
9.9E-02	C	2.8E-05	C							1.4E+09			0.1	Methyl methanesulfonate	66-27-3	3.3E+03	7.8E+03	6.0E+07	2.3E+03						
1.8E-03	C	2.6E-07	C			3.0E+00	I	V		8.9E+03	1.4E+09	4.9E+03	1		Methyl tert-Butyl Ether (MTBE)	1634-04-4	1.8E+05	2.3E+04	2.1E+04				6.4E+04	6.4E+04	
				3.0E-04	X					1.4E+09			0.1	Methyl-1,4-benzenediamine dihydrochloride, 2-	615-45-2					3.5E+02	8.3E+02			2.5E+02	
9.0E-03	P			2.0E-02	X					1.4E+09			0.1	Methyl-5-Nitroaniline, 2-	99-55-8	3.6E+04	8.6E+04		2.6E+04	2.3E+04		5.5E+04		1.6E+04	
8.3E+00	C	2.4E-03	C							1.4E+09			0.1	Methyl-N-nitro-N-nitrosoguanidine, N-	70-25-7	3.9E+01	9.3E+01	6.9E+05	2.8E+01						
1.3E-01	C	3.7E-05	C							1.4E+09			0.1	Methylaniline Hydrochloride, 2-	636-21-5	2.5E+03	5.9E+03	4.5E+07	1.8E+03						
				1.0E-02	A					1.4E+09			0.1	Methylarsonic acid	124-58-3					1.2E+04	2.8E+04			8.2E+03	
				2.0E-04	X					1.4E+09			0.1	Methylbenzene,1,4-diamine monohydrochloride, 2-	74612-12-7					2.3E+02	5.5E+02			1.6E+02	
1.0E-01	X			3.0E-04	X					1.4E+09			0.1	Methylbenzene-1,4-diamine sulfate, 2-	615-50-9	3.3E+03	7.7E+03		2.3E+03	3.5E+02	8.3E+02			2.5E+02	
2.2E+01	C	6.3E-03	C					M		1.4E+09			0.1	Methylcholanthrene, 3-	56-49-5	1.5E+01	3.5E+01	2.6E+05	1.0E+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	1.6E+05		2.7E+05	1.0E+05	7.0E+03		5.8E+03	3.2E+03	
1.0E-01	P	4.3E-04	C	2.0E-03	P			M		1.4E+09			0.1	Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	3.3E+03	7.7E+03	3.9E+06	2.3E+03	2.3E+03	5.5E+03			1.6E+03	
4.6E-02	I	1.3E-05	C							1.4E+09			0.1	Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	7.1E+03	1.7E+04	1.3E+08	5.0E+03						
1.6E+00	C	4.6E-04	C			2.0E-02	C			1.4E+09			0.1	Methylenebisbenzenamine, 4,4'-	101-77-9	2.0E+02	4.8E+02	3.6E+06	1.4E+02			1.2E+08		1.2E+08	
						6.0E-04	I			1.4E+09			0.1	Methylenediphenyl Diisocyanate	101-68-8							3.6E+06		3.6E+06	
				7.0E-02	H			V		5.0E+02	1.4E+09	1.3E+04	1		Methylstyrene, Alpha-	98-83-9					8.2E+04			8.2E+04	
				1.5E-01	I					1.4E+09			0.1	Metolachlor	51218-45-2					1.8E+05	4.1E+05			1.2E+05	
				2.5E-02	I					1.4E+09			0.1	Metribuzin	21087-64-9					2.9E+04	6.9E+04			2.1E+04	
				2.5E-01	I					1.4E+09			0.1	Metsulfuron-methyl	74223-64-6					2.9E+05	6.9E+05			2.1E+05	
				3.0E+00	P			V		3.4E-01	1.4E+09	1.4E+03	1		Mineral oils	8012-95-1					3.5E+06			3.5E+06	
1.8E+01	C	5.1E-03	C	2.0E-04	I			V		1.4E+09	8.6E+05		1	Mirex	2385-85-5	1.8E+01		2.1E+02	1.7E+01	2.3E+02				2.3E+02	
				2.0E-03	I					1.4E+09			0.1	Molinate	2212-67-1					2.3E+03	5.5E+03			1.6E+03	
				5.0E-03	I					1.4E+09			1	Molybdenum	7439-98-7					5.8E+03				5.8E+03	
				1.0E-01	I					1.4E+09			1	Monochloramine	10599-90-3					1.2E+05				1.2E+05	
				2.0E-03	P					1.4E+09			0.1	Monomethylamine	100-61-8					2.3E+03	5.5E+03			1.6E+03	
				2.5E-02	I					1.4E+09			0.1	Myclobutanil	88671-89-0					2.9E+04	6.9E+04			2.1E+04	
				3.0E-04	X					1.4E+09			0.1	N,N'-Diphenyl-1,4-benzenediamine	74-31-7					3.5E+02	8.3E+02			2.5E+02	
				2.0E-03	I			V		1.4E+09	5.7E+04		1	Naled	300-76-5					2.3E+03				2.3E+03	
				3.0E-02	X	1.0E-01	P	V		1.4E+09			1	Naphtha, High Flash Aromatic (HFAN)	64742-95-6					3.5E+04		6.0E+08		3.5E+04	
1.8E+00	C	0.0E+00	C							1.4E+09			0.1	Naphthylamine, 2-	91-59-8	1.8E+02	4.3E+02		1.3E+02						
				1.0E-01	I					1.4E+09			0.1	Napropamide	15299-99-7					1.					

Regional Removal Management Level (RML) Composite Worker 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 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	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 THQ=1 (mg/kg)	Dermal SL THQ=1 (mg/kg)	Inhalation SL THQ=1 (mg/kg)	Noncarcinogenic SL THI=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			6.4E+06	6.4E+06	1.3E+04		8.3E+04	1.1E+04	
2.6E-04	C	1.1E-02	C	1.4E-05	C	V				1.4E+09		0.04		Nickel Hydroxide	12054-48-7			6.4E+06	6.4E+06	1.3E+04		8.3E+04	1.1E+04	
2.6E-04	C	1.1E-02	C	2.0E-05	C					1.4E+09		0.04		Nickel Oxide	1313-99-1			6.4E+06	6.4E+06	1.3E+04		1.2E+05	1.2E+04	
2.4E-04	I	1.1E-02	C	1.4E-05	C					1.4E+09		0.04		Nickel Refinery Dust	NA			6.9E+06	6.9E+06	1.3E+04		8.3E+04	1.1E+04	
2.6E-04	C	2.0E-02	I	9.0E-05	A					1.4E+09		0.04		Nickel Soluble Salts	7440-02-0			6.4E+06	6.4E+06	2.3E+04		5.4E+05	2.2E+04	
1.7E+00	C	4.8E-04	I	1.1E-02	C	1.4E-05	C			1.4E+09		0.04		Nickel Subsulfide	12035-72-2	1.9E+02		3.5E+06	1.9E+02	1.3E+04		8.3E+04	1.1E+04	
2.6E-04	C	1.1E-02	C	1.4E-05	C					1.4E+09		1	0.1	Nickelocene	1271-28-9			6.4E+06	6.4E+06	1.3E+04	3.0E+04	8.3E+04	8.1E+03	
				1.6E+00	I					1.4E+09		1		Nitrate	14797-55-8					1.9E+06			1.9E+06	
				1.0E-01	I					1.4E+09		1		Nitrate + Nitrite (as N)	NA									
				1.0E-02	X	5.0E-05	X			1.4E+09		1	0.1	Nitrite	14797-65-0								1.2E+05	
				1.0E-02	X	5.0E-05	X			1.4E+09		1	0.1	Nitroaniline, 2-	88-74-4							2.8E+04	3.0E+05	8.0E+03
2.0E-02	P	4.0E-03	P	6.0E-03	P					1.4E+09		1	0.1	Nitroaniline, 4-	100-01-6	1.6E+04	3.9E+04		1.1E+04	4.7E+03	1.1E+04	3.6E+07	3.3E+03	
		4.0E-05	I	2.0E-03	I	9.0E-03	I	V	3.1E+03	1.4E+09	7.3E+04	1		Nitrobenzene	98-95-3			2.2E+03	2.2E+03	2.3E+03		2.9E+03	1.3E+03	
				3.0E+03	P					1.4E+09		1	0.1	Nitrocellulose	9004-70-0					3.5E+09	8.3E+09		2.5E+09	
				7.0E-02	H					1.4E+09		1	0.1	Nitrofurantoin	67-20-9							1.9E+05	5.7E+04	
1.3E+00	C	3.7E-04	C							1.4E+09		1	0.1	Nitrofurazone	59-87-0	2.5E+02	5.9E+02	4.5E+06	1.8E+02					
1.7E-02	P			1.0E-04	P					1.4E+09		1	0.1	Nitroglycerin	55-63-0	1.9E+04	4.5E+04		1.4E+04	1.2E+02	2.8E+02		8.2E+01	
				1.0E-01	I					1.4E+09		1	0.1	Nitroguanidine	556-88-7							2.8E+05	8.2E+04	
8.8E-06	P			5.0E-03	P	V			1.8E+04	1.4E+09	1.7E+04	1		Nitromethane	75-52-5			2.4E+03	2.4E+03			3.7E+02	3.7E+02	
2.7E-03	H			2.0E-02	I	V			4.9E+03	1.4E+09	1.3E+04	1		Nitropropane, 2-	79-46-9			6.0E+00	6.0E+00			1.2E+03	1.2E+03	
2.7E+01	C	7.7E-03	C					M		1.4E+09		1	0.1	Nitroso-N-ethylurea, N-	759-73-9	1.2E+01	2.9E+01	2.2E+05	8.5E+00					
1.2E+02	C	3.4E-02	C					M		1.4E+09		1	0.1	Nitroso-N-methylurea, N-	684-93-5	2.7E+00	6.4E+00	4.9E+04	1.9E+00					
5.4E+00	I	1.6E-03	I					V		1.4E+09	2.4E+05	1		Nitroso-di-N-butylamine, N-	924-16-3	6.1E+01		1.9E+02	4.6E+01					
7.0E+00	I	2.0E-03	C							1.4E+09		1	0.1	Nitroso-di-N-propylamine, N-	621-64-7	4.7E+01	1.1E+02	8.3E+05	3.3E+01					
2.8E+00	I	8.0E-04	C							1.4E+09		1	0.1	Nitrosodiethanolamine, N-	1116-54-7	1.2E+02	2.8E+02	2.1E+06	8.2E+01					
1.5E+02	I	4.3E-02	I					M		1.4E+09		1	0.1	Nitrosodiethylamine, N-	55-18-5	2.2E+00	5.2E+00	3.9E+04	1.5E+00					
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	6.4E+00		7.2E+00	3.4E+00	9.3E+00		1.4E+01	5.7E+00
4.9E-03	I	2.6E-06	C							1.4E+09		1	0.1	Nitrosodiphenylamine, N-	86-30-6	6.7E+04	1.6E+05	6.4E+08	4.7E+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	1.5E+01		2.4E+01	9.1E+00					
6.7E+00	C	1.9E-03	C							1.4E+09		1	0.1	Nitrosomorpholine [N-]	59-89-2	4.9E+01	1.2E+02	8.8E+05	3.4E+01					
9.4E+00	C	2.7E-03	C							1.4E+09		1	0.1	Nitrosopiperidine [N-]	100-75-4	3.5E+01	8.2E+01	6.2E+05	2.4E+01					
2.1E+00	I	6.1E-04	I							1.4E+09		1	0.1	Nitrosopyrrolidine, N-	930-55-2	1.6E+02	3.7E+02	2.7E+06	1.1E+02					
2.2E-01	P			1.0E-04	X					1.4E+09		1	0.1	Nitrotoluene, m-	99-08-1					1.2E+02	2.8E+02		8.2E+01	
1.6E-02	P			9.0E-04	P			V	1.5E+03	1.4E+09	1.4E+05	1		Nitrotoluene, o-	88-72-2	1.5E+03			1.5E+03			1.1E+03		
				4.0E-03	P					1.4E+09		1	0.1	Nitrotoluene, p-	99-99-0	2.0E+04	4.8E+04		1.4E+04	4.7E+03	1.1E+04		3.3E+03	
				3.0E-04	X	2.0E-02	P	V	6.9E+00	1.4E+09	1.0E+03	1		Nonane, n-	111-84-2					3.5E+02		9.1E+01	7.2E+01	
				4.0E-02	P					1.4E+09		1	0.1	Norflurazon	27314-13-2					4.7E+04	1.1E+05		3.3E+04	
				3.0E-03	I					1.4E+09		1	0.1	Octabromodiphenyl Ether	32536-52-0					3.5E+03	8.3E+03		2.5E+03	
				5.0E-02	I					1.4E+09		1	0.006	Octahydro-1,3,5,7-tetrahydro-1,3,5,7-tetrazocine (HMX)	2691-41-0					5.8E+04	2.3E+06		5.7E+04	
				2.0E-03	H					1.4E+09		1	0.1	Octamethylpyrophosphoramide	152-16-9					2.3E+03	5.5E+03		1.6E+03	
				5.0E-02	I					1.4E+09		1	0.1	Oryzalin	19044-88-3					5.8E+04	1.4E+05		4.1E+04	
				5.0E-03	I					1.4E+09		1	0.1	Oxadiazon	19666-30-9					5.8E+03	1.4E+04		4.1E+03	
				2.5E-02	I					1.4E+09		1	0.1	Oxamyl	23135-22-0					2.9E+04	6.9E+04		2.1E+04	
				3.0E-03	I					1.4E+09		1	0.1	Oxyfluorfen	42874-03-3					3.5E+03	8.3E+03		2.5E+03	
				1.3E-02	I					1.4E+09		1	0.1	Paclitaxel	76738-62-0					1.5E+04	3.6E+04		1.1E+04	
				4.5E-03	I					1.4E+09		1	0.1	Paraquat Dichloride	1910-42-5					5.3E+03	1.2E+04		3.7E+03	
				6.0E-03	H					1.4E+09		1	0.1	Parathion	56-38-2					7.0E+03	1.7E+04		4.9E+03	
				5.0E-02	H			V		1.4E+09	4.5E+04	1		Pebulate	1114-71-2					5.8E+04			5.8E+04	
				4.0E-02	I					1.4E+09		1	0.1	Pendimethalin	40487-42-1					4.7E+04	1.1E+05		3.3E+04	
				2.0E-03	I			V	3.1E-01	1.4E+09	5.1E+05	1		Pentabromodiphenyl Ether	32534-81-9					2.3E+03			2.3E+03	
				1.0E-04	I					1.4E+09		1	0.1	Pentabromodiphenyl ether, 2,2',4,4',5'- (BDE-99)	60348-60-9					1.2E+02	2.8E+02		8.2E+01	
9.0E-02	P			8.0E-04	I			V	4.6E+02	1.4E+09	9.7E+03	1		Pentachlorobenzene	608-93-5					9.3E+02			9.3E+02	
								V		1.4E+09	9.7E+03	1		Pentachloroethane	76-01-7	3.6E+03			3.6E+03					
2.6E-01	H			3.0E-03	I			V		1.4E+09	4.3E+05	1		Pentachloronitrobenzene	82-68-8	1.3E+03			1.3E+03	3.5E+03			3.5E+03	
4.0E-01	I	5.1E-06	C	5.0E-03	I					1.4E+09		1	0.25	Pentachlorophenol	87-86-5	8.2E+02	7.7E+02	3.3E+08	4.0E+02	5.8E+03	5.5E+03		2.8E+03	
4.0E-03	X			2.0E-03	P					1.4E+09		1	0.1	Pentaerythritol tetranitrate (PETN)	78-11-5	8.2E+04	1.9E+05		5.7E+04	2.3E+03	5.5E+03		1.6E+03	

Regional Removal Management Level (RML) Composite Worker 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 Hazard Index (HI) = 1							
SFO (mg/kg-day) ¹	k _e y	IUR (ug/m ³) ²	k _e y	RfD _o (mg/kg-day)	k _e y	RfC _i (mg/m ³) ³	k _e y	o l	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 THQ=1 (mg/kg)	Dermal SL THQ=1 (mg/kg)	Inhalation SL THQ=1 (mg/kg)	Noncarcinogenic SL THI=1 (mg/kg)
				7.0E-04	I						1.4E+09		1		**Lithium Perchlorate	7791-03-9					8.2E+02			8.2E+02
				7.0E-04	I						1.4E+09		1		**Perchlorate and Perchlorate Salts	14797-73-0					8.2E+02			8.2E+02
				7.0E-04	I						1.4E+09		1		**Potassium Perchlorate	7778-74-7					8.2E+02			8.2E+02
				7.0E-04	I						1.4E+09		1		**Sodium Perchlorate	7601-89-0					8.2E+02			8.2E+02
				2.0E-02	P				V		1.4E+09	1.3E+05	1		Perfluorobutane Sulfonate	375-73-5					2.3E+04			2.3E+04
				5.0E-02	I						1.4E+09		1	0.1	Permethrin	52645-53-1					5.8E+04	1.4E+05		4.1E+04
2.2E-03	C	6.3E-07	C								1.4E+09		1	0.1	Phenacetin	62-44-2	1.5E+05	3.5E+05	2.6E+09	1.0E+05				
				2.5E-01	I						1.4E+09		1	0.1	Phenmedipham	13684-63-4					2.9E+05	6.9E+05		2.1E+05
				3.0E-01	I	2.0E-01	C				1.4E+09		1	0.1	Phenol	108-95-2					3.5E+05	8.3E+05	1.2E+09	2.5E+05
				4.0E-03	I						1.4E+09		1	0.1	Phenol, 2-(1-methylethoxy)-, methylcarbamate	114-26-1					4.7E+03	1.1E+04		3.3E+03
				5.0E-04	X						1.4E+09		1	0.1	Phenothiazine	92-84-2					5.8E+02	1.4E+03		4.1E+02
				6.0E-03	I						1.4E+09		1	0.1	Phenylenediamine, m-	108-45-2					7.0E+03	1.7E+04		4.9E+03
4.7E-02	H			1.9E-01	H						1.4E+09		1	0.1	Phenylenediamine, o-	95-54-5	7.0E+03	1.6E+04		4.9E+03				1.6E+05
1.9E-03	H										1.4E+09		1	0.1	Phenylenediamine, p-	106-50-3					2.2E+05	5.2E+05		1.6E+05
											1.4E+09		1	0.1	Phenylphenol, 2-	90-43-7	1.7E+05	4.0E+05		1.2E+05				
				2.0E-04	H						1.4E+09		1	0.1	Phorate	298-02-2					2.3E+02	5.5E+02		1.6E+02
						3.0E-04	I	V		1.6E+03	1.4E+09	9.8E+02	1		Phosgene	75-44-5							1.3E+00	1.3E+00
				2.0E-02	I						1.4E+09		1	0.1	Phosmet	732-11-6					2.3E+04	5.5E+04		1.6E+04
				4.9E+01	P						1.4E+09		1		Phosphates, Inorganic									
				4.9E+01	P						1.4E+09		1		**Aluminum metaphosphate	13776-88-0					5.7E+07			5.7E+07
				4.9E+01	P						1.4E+09		1		**Ammonium polyphosphate	68333-79-9					5.7E+07			5.7E+07
				4.9E+01	P						1.4E+09		1		**Calcium pyrophosphate	7790-76-3					5.7E+07			5.7E+07
				4.9E+01	P						1.4E+09		1		**Diammonium phosphate	7783-28-0					5.7E+07			5.7E+07
				4.9E+01	P						1.4E+09		1		**Dicalcium phosphate	7757-93-9					5.7E+07			5.7E+07
				4.9E+01	P						1.4E+09		1		**Dimagnesium phosphate	7782-75-4					5.7E+07			5.7E+07
				4.9E+01	P						1.4E+09		1		**Dipotassium phosphate	7758-11-4					5.7E+07			5.7E+07
				4.9E+01	P						1.4E+09		1		**Disodium phosphate	7558-79-4					5.7E+07			5.7E+07
				4.9E+01	P						1.4E+09		1		**Monoaluminum phosphate	13530-50-2					5.7E+07			5.7E+07
				4.9E+01	P						1.4E+09		1		**Monoammonium phosphate	7722-76-1					5.7E+07			5.7E+07
				4.9E+01	P						1.4E+09		1		**Monocalcium phosphate	7758-23-8					5.7E+07			5.7E+07
				4.9E+01	P						1.4E+09		1		**Monomagnesium phosphate	7757-86-0					5.7E+07			5.7E+07
				4.9E+01	P						1.4E+09		1		**Monopotassium phosphate	7778-77-0					5.7E+07			5.7E+07
				4.9E+01	P						1.4E+09		1		**Monosodium phosphate	7558-80-7					5.7E+07			5.7E+07
				4.9E+01	P						1.4E+09		1		**Polyphosphoric acid	8017-16-1					5.7E+07			5.7E+07
				4.9E+01	P						1.4E+09		1		**Potassium tripolyphosphate	13845-36-8					5.7E+07			5.7E+07
				4.9E+01	P						1.4E+09		1		**Sodium acid pyrophosphate	7758-16-9					5.7E+07			5.7E+07
				4.9E+01	P						1.4E+09		1		**Sodium aluminum phosphate (acidic)	7785-88-8					5.7E+07			5.7E+07
				4.9E+01	P						1.4E+09		1		**Sodium aluminum phosphate (anhydrous)	10279-59-1					5.7E+07			5.7E+07
				4.9E+01	P						1.4E+09		1		**Sodium aluminum phosphate (tetrahydrate)	10305-76-7					5.7E+07			5.7E+07
				4.9E+01	P						1.4E+09		1		**Sodium hexametaphosphate	10124-56-8					5.7E+07			5.7E+07
				4.9E+01	P						1.4E+09		1		**Sodium polyphosphate	68915-31-1					5.7E+07			5.7E+07
				4.9E+01	P						1.4E+09		1		**Sodium trimetaphosphate	7785-84-4					5.7E+07			5.7E+07
				4.9E+01	P						1.4E+09		1		**Sodium tripolyphosphate	7758-29-4					5.7E+07			5.7E+07
				4.9E+01	P						1.4E+09		1		**Tetrapotassium phosphate	7320-34-5					5.7E+07			5.7E+07
				4.9E+01	P						1.4E+09		1		**Tetrasodium pyrophosphate	7722-88-5					5.7E+07			5.7E+07
				4.9E+01	P						1.4E+09		1		**Trialuminum sodium tetra decahydrogenooctaoorthophosphate (dihydrate)	15136-87-5					5.7E+07			5.7E+07
				4.9E+01	P						1.4E+09		1		**Tricalcium phosphate	7758-87-4					5.7E+07			5.7E+07
				4.9E+01	P						1.4E+09		1		**Trimagnesium phosphate	7757-87-1					5.7E+07			5.7E+07
				4.9E+01	P						1.4E+09		1		**Tripotassium phosphate	7778-53-2					5.7E+07			5.7E+07
				4.9E+01	P						1.4E+09		1		**Trisodium phosphate	7601-54-9					5.7E+07			5.7E+07
				3.0E-04	I	3.0E-04	I	V			1.4E+09		1		Phosphine	7803-51-2					3.5E+02		1.8E+06	3.5E+02
				4.9E+01	P	1.0E-02	I				1.4E+09		1		Phosphoric Acid	7664-38-2					5.7E+07		6.0E+07	2.9E+07
				2.0E-05	I			V			1.4E+09	6.9E+03	1		Phosphorus, White	7723-14-0					2.3E+01			2.3E+01
1.4E-02	I	2.4E-06	C	2.0E-02	I						1.4E+09		1	0.1	Phthalates						2.3E+04	5.5E+04		1.6E+04
1.9E-03	P			2.0E-01	I						1.4E+09		1	0.1	**Bis(2-ethylhexyl)phthalate	117-81-7	2.3E+04	5.5E+04	6.9E+08	1.6E+04	2.3E+05	5.5E+05		1.6E+05
				1.0E+00	I						1.4E+09		1	0.1	**Butyl Benzyl Phthalate	85-68-7	1.7E+05	4.1E+05		1.2E+05	1.2E+06	2.8E+06		8.2E+05
											1.4E+09		1	0.1	**Butylphthalyl Butylglycolate	85-70-1					1.2E+06	2.8E+06		8.2E+05
				1.0E-01	I						1.4E+09		1	0.1	**Dibutyl Phthalate	84-74-2					1.2E+05	2.8E+05		8.2E+04
				8.0E-01	I						1.4E+09		1	0.1	**Diethyl Phthalate									

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

Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-04				Noncancer Hazard Index (HI) = 1							
SFO (mg/kg-day) ¹	k _e (y)	IUR (ug/m ³) ²	k _e (y)	RfD _o (mg/kg-day)	k _e (y)	RfC _o (mg/m ³) 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 THQ=1 (mg/kg)	Dermal SL THQ=1 (mg/kg)	Inhalation SL THQ=1 (mg/kg)	Noncarcinogenic SL THI=1 (mg/kg)				
				1.0E-01	I			V		1.4E+09	2.1E+04	1	0.1	**Dimethylterephthalate	120-61-6									1.2E+05	1.2E+05		
				1.0E-02	P					1.4E+09		1	0.1	**Octyl Phthalate, di-N-	117-84-0									1.2E+04	2.8E+04	8.2E+03	
				1.0E+00	H					1.4E+09		1	0.1	**Phthalic Acid, P-	100-21-0									1.2E+06	2.8E+06	8.2E+05	
				2.0E+00	I	2.0E-02	C			1.4E+09		1	0.1	**Phthalic Anhydride	85-44-9									2.3E+06	5.5E+06	1.2E+08	1.6E+06
				7.0E-02	I					1.4E+09		1	0.1	Picloram	1918-02-1									8.2E+04	1.9E+05	5.7E+04	
				1.0E-04	X					1.4E+09		1	0.1	Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3									1.2E+02	2.8E+02	8.2E+01	
				9.0E-04	X					1.4E+09		1	0.1	Picric Acid (2,4,6-Trinitrophenol)	88-89-1									1.1E+03	2.5E+03	7.4E+02	
3.0E+01	C	8.6E-03	C	7.0E-06	H					1.4E+09		1	0.1	Pyrimiphos, Methyl	29232-93-7									1.2E+04	2.8E+04	8.2E+03	
										1.4E+09		1	0.1	Polybrominated Biphenyls	59536-65-1	1.1E+01	2.6E+01	1.9E+05	7.7E+00					8.2E+00	1.9E+01	5.7E+00	
														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	4.7E+03	7.9E+03	4.4E+04	2.7E+03					8.2E+01	1.4E+02	5.1E+01	
2.0E+00	S	5.7E-04	S		V			V		1.4E+09	2.0E+05	1	0.14	**Aroclor 1221	11104-28-2	1.6E+02	2.8E+02	4.4E+02	8.3E+01								
2.0E+00	S	5.7E-04	S		V			V		1.4E+09	1.1E+05	1	0.14	**Aroclor 1232	11141-16-5	1.6E+02	2.8E+02	2.4E+02	7.2E+01								
2.0E+00	S	5.7E-04	S		V			V		1.4E+09	5.9E+05	1	0.14	**Aroclor 1242	53469-21-9	1.6E+02	2.8E+02	1.3E+03	9.5E+01								
2.0E+00	S	5.7E-04	S		V			V		1.4E+09	6.3E+05	1	0.14	**Aroclor 1248	12672-29-6	1.6E+02	2.8E+02	1.3E+03	9.5E+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	1.6E+02	2.8E+02	1.8E+03	9.7E+01					2.3E+01	3.9E+01	1.5E+01	
2.0E+00	S	5.7E-04	S		V			V		1.4E+09	1.3E+06	1	0.14	**Aroclor 1260	11096-82-5	1.6E+02	2.8E+02	2.8E+03	9.9E+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									7.0E+02	1.2E+03	4.4E+02	
				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	8.4E+01	1.4E+02	2.6E+03	5.2E+01					2.7E+01	4.6E+01	1.4E+04	1.7E+01
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	8.4E+01	1.4E+02	1.7E+03	5.1E+01					2.7E+01	4.6E+01	9.2E+03	1.7E+01
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	8.4E+01	1.4E+02	1.1E+03	5.0E+01					2.7E+01	4.6E+01	6.1E+03	1.7E+01
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	8.4E+01	1.4E+02	1.2E+03	5.0E+01					2.7E+01	4.6E+01	6.5E+03	1.7E+01
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	8.4E+02	1.4E+01	1.7E+00	5.1E-02					2.7E+02	4.6E+02	9.2E+00	1.7E-02
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	8.4E+01	1.4E+02	7.9E+02	4.9E+01					2.7E+01	4.6E+01	4.3E+03	1.7E+01
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	8.4E+01	1.4E+02	6.3E+02	4.9E+01					2.7E+01	4.6E+01	3.4E+03	1.7E+01
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',5-(PCB 105)	32598-14-4	8.4E+01	1.4E+02	6.5E+02	4.9E+01					2.7E+01	4.6E+01	3.5E+03	1.7E+01
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	8.4E+01	1.4E+02	1.1E+03	5.0E+01					2.7E+01	4.6E+01	6.1E+03	1.7E+01
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	2.5E-02	4.2E-02	2.3E-01	1.5E-02					8.2E-03	1.4E-02	1.3E+00	5.1E-03
2.0E+00	I	5.7E-04	I		V			V		1.4E+09	5.3E+05	1	0.14	**Polychlorinated Biphenyls (high risk)	1336-36-3	1.6E+02	2.8E+02	1.1E+03	9.4E+01								
4.0E-01	I	1.0E-04	I		V			V		1.4E+09		1	0.14	**Polychlorinated Biphenyls (low risk)	1336-36-3												
7.0E-02	I	2.0E-05	I		V			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	2.5E+01	4.2E+01	4.4E+05	1.6E+01					8.2E+00	1.4E+01	2.4E+06	5.1E+00
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	8.4E+00	1.4E+01	5.5E+01	4.8E+00					2.7E+00	4.6E+00	3.0E+02	1.7E+00
				6.0E-04	I			V		1.4E+09		1	0.1	Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9015-87-9										3.6E+06	3.6E+06	
														Polynuclear Aromatic Hydrocarbons (PAHs)													
				6.0E-02	I			V		1.4E+09	1.4E+05	1	0.13	**Acenaphthene	83-32-9										7.0E+04	1.3E+05	4.5E+04
				3.0E-01	I			V		1.4E+09	5.2E+05	1	0.13	**Anthracene	120-12-7										3.5E+05	6.4E+05	2.3E+05
7.3E-01	E	1.1E-04	C		V			M		1.4E+09	4.4E+06	1	0.13	**Benz[a]anthracene	56-55-3	4.5E+02	8.1E+02	4.9E+04	2.9E+02								
1.2E+00	C	1.1E-04	C		V			M		1.4E+09		1	0.13	**Benzo[j]fluoranthene	205-82-3	2.7E+02	5.0E+02	1.5E+07	1.8E+02								
7.3E+00	I	1.1E-03	C		V			M		1.4E+09		1	0.13	**Benzo[a]pyrene	50-32-8	4.5E+01	8.1E+01	1.5E+06	2.9E+01								
7.3E-01	E	1.1E-04	C		V			M		1.4E+09		1	0.13	**Benzo[b]fluoranthene	205-99-2	4.5E+02	8.1E+02	1.5E+07	2.9E+02								
7.3E-02	E	1.1E-04	C		V			M		1.4E+09		1	0.13	**Benzo[k]fluoranthene	207-08-9	4.5E+03	8.1E+03	1.5E+07	2.9E+03								
				8.0E-02	I			V		1.4E+09	8.0E+04	1	0.13	**Chloronaphthalene, Beta-	91-58-7										9.3E+04	1.7E+05	6.0E+04
7.3E-03	E	1.1E-05	C		V			M		1.4E+09		1	0.13	**Chrysene	218-01-9	4.5E+04	8.1E+04	1.5E+08	2.9E+04								
7.3E+00	E	1.2E-03	C		V			M		1.4E+09		1	0.13	**Dibenz[a,h]anthracene	53-70-3	4.5E+01	8.1E+01	1.4E+06	2.9E+01								
1.2E+01	C	1.1E-03	C		V			M		1.4E+09		1	0.13	**Dibenzo[a,e]pyrene	192-65-4	2.7E+01	5.0E+01	1.5E+06	1.8E+01								
2.5E+02	C	7.1E-02	C		V			M		1.4E+09		1	0.13	**Dimethylbenz(a)anthracene, 7,12-	57-97-6	1.3E+00	2.4E+00	2.3E+04	8.4E-01								
				4.0E-02	I			V		1.4E+09		1	0.13	**Fluoranthene	206-44-0										4.7E+04	8.5E+04	3.0E+04
				4.0E-02	I			V		1.4E+09	2.8E+05	1															

Regional Removal Management Level (RML) Composite Worker 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 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	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 THQ=1 (mg/kg)	Dermal SL THQ=1 (mg/kg)	Inhalation SL THQ=1 (mg/kg)	Noncarcinogenic SL THI=1 (mg/kg)	
4.0E-03	I			1.4E+09										Prometryn	7287-19-6					4.7E+03	1.1E+04		3.3E+03	
1.3E-02	I			1.4E+09										Propachlor	1918-16-7					1.5E+04	3.6E+04		1.1E+04	
5.0E-03	I			1.4E+09										Propanil	709-98-8					5.8E+03	1.4E+04		4.1E+03	
2.0E-02	I			1.4E+09										Propargite	2312-35-8					2.3E+04	5.5E+04		1.6E+04	
2.0E-03	I		V	1.1E+05	1.4E+09	6.3E+04								Propargyl Alcohol	107-19-7					2.3E+03			2.3E+03	
2.0E-02	I			1.4E+09										Propazine	139-40-2					2.3E+04	5.5E+04		1.6E+04	
2.0E-02	I			1.4E+09										Propham	122-42-9					2.3E+04	5.5E+04		1.6E+04	
1.3E-02	I			1.4E+09										Propiconazole	60207-90-1					1.5E+04	3.6E+04		1.1E+04	
1.0E-01	X	8.0E-03	I	V	3.3E+04	1.4E+09	8.9E+03							Propionaldehyde	123-38-6					1.2E+05		3.1E+02	3.1E+02	
		1.0E+00	X	V	2.6E+02	1.4E+09	7.0E+03							Propyl benzene	103-65-1							3.1E+04	2.4E+04	
		3.0E+00	C	V	3.5E+02	1.4E+09	7.0E+02							Propylene	115-07-1							9.3E+03	9.3E+03	
2.0E+01	P			1.4E+09										Propylene Glycol	57-55-6					2.3E+07	5.5E+07		1.6E+07	
		2.7E-04	A		1.4E+09									Propylene Glycol Dinitrate	6423-43-4							1.6E+06	1.6E+06	
7.0E-01	H	2.0E+00	I	V	1.1E+05	1.4E+09	7.8E+04							Propylene Glycol Monomethyl Ether	107-98-2					8.2E+05		6.9E+05	3.7E+05	
2.4E-01	I	3.7E-06	I		7.8E+04	1.4E+09	1.0E+04							Propylene Oxide	75-56-9	1.4E+03		3.4E+03	9.7E+02			1.4E+03	1.4E+03	
		7.5E-02	I		1.4E+09									Propylamide	23950-58-5					8.8E+04	2.1E+05		6.2E+04	
		1.0E-03	I	V	5.3E+05	1.4E+09	5.5E+04							Pyridine	110-86-1					1.2E+03			1.2E+03	
3.0E+00	I			1.4E+09										Quinalphos	13593-03-8					5.8E+02	1.4E+03		4.1E+02	
		9.0E-03	I		1.4E+09									Quinoline	91-22-5	1.1E+02	2.6E+02		7.7E+01					
				1.4E+09										Quizalofop-ethyl	76578-14-8					1.1E+04	2.5E+04		7.4E+03	
		3.0E-02	A		1.4E+09									Refractory Ceramic Fibers	NA							1.8E+08	1.8E+08	
3.0E-02	I			1.4E+09										Resmethrin	10453-86-8					3.5E+04	8.3E+04		2.5E+04	
5.0E-02	H		V	1.4E+09	4.7E+05									Ronnel	299-84-3					5.8E+04			5.8E+04	
2.2E-01	C	6.3E-05	C		1.4E+09			M						Rotenone	83-79-4	1.5E+03	3.5E+03	2.6E+07	1.0E+03			4.7E+03	1.1E+04	3.3E+03
		5.0E-03	I		1.4E+09									Safrole	94-59-7									
		5.0E-03	I		1.4E+09									Selenious Acid	7783-00-8					5.8E+03			5.8E+03	
		5.0E-03	I	2.0E-02	C	1.4E+09								Selenium	7782-49-2					5.8E+03		1.2E+08	5.8E+03	
		5.0E-03	C	2.0E-02	C	1.4E+09								Selenium Sulfide	7446-34-6					5.8E+03		1.2E+08	5.8E+03	
		9.0E-02	I		1.4E+09									Sethoxydim	74051-80-2					1.1E+05	2.5E+05		7.4E+04	
		3.0E-03	C		1.4E+09									Silica (crystalline, respirable)	7631-86-9							1.8E+07	1.8E+07	
1.2E-01	H	5.0E-03	I		1.4E+09	0.04								Silver	7440-22-4					5.8E+03			5.8E+03	
		5.0E-03	I		1.4E+09									Simazine	122-34-9	2.7E+03	6.4E+03		1.9E+03			5.8E+03	1.4E+04	4.1E+03
		1.3E-02	I		1.4E+09									Sodium Acifluorfen	62476-59-9					1.5E+04	3.6E+04		1.1E+04	
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C	M						Sodium Azide	26628-22-8					4.7E+03			4.7E+03	
		2.0E-02	C	2.0E-04	C	1.4E+09			0.025					Sodium Dichromate	1058801-9	6.5E+02		1.1E+04	6.2E+02			2.3E+04	1.2E+06	2.3E+04
2.7E-01	H	3.0E-02	I		1.4E+09									Sodium Diethylthiocarbamate	148-18-5	1.2E+03	2.9E+03		8.5E+02			3.5E+04	8.3E+04	2.5E+04
		5.0E-02	A	1.3E-02	C	1.4E+09								Sodium Fluoride	7681-49-4					5.8E+04			5.8E+04	
		2.0E-05	I		1.4E+09									Sodium Fluoroacetate	62-74-8					2.3E+01	5.5E+01		1.6E+01	
		1.0E-03	H		1.4E+09									Sodium Metavanadate	13718-26-8					1.2E+03			1.2E+03	
		8.0E-04	P		1.4E+09									Sodium Tungstate	13472-45-2					9.3E+02			9.3E+02	
		8.0E-04	P		1.4E+09									Sodium Tungstate Dihydrate	10213-10-2					9.3E+02			9.3E+02	
2.4E-02	H	3.0E-02	I		1.4E+09									Strofos (Tetrachlorovinphos)	961-11-5	1.4E+04	3.2E+04		9.6E+03			3.5E+04	8.3E+04	2.5E+04
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C	M						Strontium Chromate	7789-06-2	6.5E+02		1.1E+04	6.2E+02			2.3E+04	1.2E+06	2.3E+04
		6.0E-01	I		1.4E+09									Strontium, Stable	7440-24-6					7.0E+05			7.0E+05	
3.0E-04	I			1.4E+09										Strychnine	57-24-9					3.5E+02	8.3E+02		2.5E+02	
2.0E-01	I	1.0E+00	I	V	8.7E+02	1.4E+09	9.4E+03							Styrene	100-42-5					2.3E+05		4.1E+04	3.5E+04	
3.0E-03	P			1.4E+09										Styrene-Acrylonitrile (SAN) Trimer	NA					3.5E+03	8.3E+03		2.5E+03	
1.0E-03	P	2.0E-03	X		1.4E+09									Sulfolane	126-33-0					1.2E+03	2.8E+03	1.2E+07	8.2E+02	
8.0E-04	P			1.4E+09										Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9					9.3E+02	2.2E+03		6.6E+02	
		1.0E-03	C	V	1.4E+09									Sulfur Trioxide	7446-11-9							6.0E+06	6.0E+06	
		1.0E-03	C		1.4E+09									Sulfuric Acid	7664-93-9							6.0E+06	6.0E+06	
2.5E-02	I	7.1E-06	I	5.0E-02	H	1.4E+09								Sulfurous acid, 2-chloroethyl 2-[4-(1,1-dimethylethyl)phenoxy]-1-methylethyl ester	140-57-8	1.3E+04	3.1E+04	2.3E+08	9.2E+03			5.8E+04	1.4E+05	4.1E+04
		3.0E-02	H		1.4E+09									TCMTB	21564-17-0					3.5E+04	8.3E+04		2.5E+04	
		7.0E-02	I		1.4E+09									Tebuthiuron	34014-18-1					8.2E+04	1.9E+05		5.7E+04	
		2.0E-02	H		1.4E+09									Temephos	3383-96-8					2.3E+04	5.5E+04		1.6E+04	
		1.3E-02	I		1.4E+09									Terbacil	5902-51-2					1.5E+04	3.6E+04		1.1E+04	
		2.5E-05	H	V	3.1E+01	1.4E+09	2.6E+05							Terbufos	13071-79-9							2.9E+01	2.9E+01	
		1.0E-03	I		1.4E+09									Terbutryn	886-50-0					1.2E+03	2.8E+03		8.2E+02	
		1.0E-04	I		1.4E+09									Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1					1.2E+02	2.8E+02		8.2E+01	

Regional Removal Management Level (RML) Composite Worker 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 Hazard Index (HI) = 1				
SFO (mg/kg-day) ¹	k _e	IUR (ug/m ³) ²	k _e	RfD _o (mg/kg-day)	k _e	RfC _o (mg/m ³) 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 THQ=1 (mg/kg)	Dermal SL THQ=1 (mg/kg)	Inhalation SL THQ=1 (mg/kg)	Noncarcinogenic SL THI=1 (mg/kg)
				3.0E-04				V		1.4E+09	5.1E+04	1		Tetrachlorobenzene, 1,2,4,5-	95-94-3					3.5E+02			3.5E+02
2.6E-02	I	7.4E-06	I	3.0E-02	I			V	6.8E+02	1.4E+09	5.7E+03	1		Tetrachloroethane, 1,1,1,2-	630-20-6	1.3E+04		9.4E+02	8.8E+02	3.5E+04			3.5E+04
2.0E-01	I	5.8E-05	C	2.0E-02	I			V	1.9E+03	1.4E+09	1.5E+04	1		Tetrachloroethane, 1,1,2,2-	79-34-5	1.6E+03		3.2E+02	2.7E+02	2.3E+04			2.3E+04
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		Tetrachloroethylene	127-18-4	1.6E+05		1.1E+04	1.0E+04	7.0E+03		4.1E+02	3.9E+02
2.0E+01	H			3.0E-02	I			V	1.4E+09	1.1E+05		0.1		Tetrachlorophenol, 2,3,4,6- Tetrachlorotoluene, p- alpha, alpha, alpha-	58-90-2 5216-25-1	1.6E+01			1.6E+01	3.5E+04	8.3E+04		2.5E+04
				5.0E-04	I			V	1.4E+09			0.1		Tetraethyl Dithiopyrophosphate	3689-24-5					5.8E+02	1.4E+03		4.1E+02
				8.0E+01	I	V		V	2.1E+03	1.4E+09	1.2E+03	1	0.0007	Tetrafluoroethane, 1,1,1,2- Tetryl (Trinitrophenylmethylnitramine)	811-97-2 479-45-8					2.3E+03	8.5E+05	4.3E+05	4.3E+05
				2.0E-05	S				1.4E+09			1		Thallic Oxide	1314-32-5					2.3E+01			2.3E+01
				1.0E-05	X				1.4E+09			1		Thallium (I) Nitrate	10102-45-1					1.2E+01			1.2E+01
				1.0E-05	X				1.4E+09			1		Thallium (Soluble Salts)	7440-28-0					1.2E+01			1.2E+01
				1.0E-05	X			V	1.4E+09			1		Thallium Acetate	563-68-8					1.2E+01			1.2E+01
				2.0E-05	X			V	1.4E+09			1		Thallium Carbonate	6533-73-9					2.3E+01			2.3E+01
				1.0E-05	X				1.4E+09			1		Thallium Chloride	7791-12-0					1.2E+01			1.2E+01
				1.0E-05	S				1.4E+09			1		Thallium Selenite	12039-52-0					1.2E+01			1.2E+01
				2.0E-05	X				1.4E+09			1		Thallium Sulfate	7446-18-6					2.3E+01			2.3E+01
				1.3E-02	I				1.4E+09			0.1		Thifensulfuron-methyl	79277-27-3					1.5E+04	3.6E+04		1.1E+04
				1.0E-02	I				1.4E+09			0.1		Thiobencarb	28249-77-6					1.2E+04	2.8E+04		8.2E+03
				7.0E-02	X				1.4E+09			0.0075		Thiodiglycol	111-48-8					8.2E+04	2.6E+06		7.9E+04
				3.0E-04	H				1.4E+09			0.1		Thiofanox	39196-18-4					3.5E+02	8.3E+02		2.5E+02
				8.0E-02	I				1.4E+09			0.1		Thiophanate, Methyl	23564-05-8					9.3E+04	2.2E+05		6.6E+04
				5.0E-03	I				1.4E+09			0.1		Thiram	137-26-8					5.8E+03	1.4E+04		4.1E+03
				6.0E-01	H				1.4E+09			1		Tin	7440-31-5					7.0E+05			7.0E+05
				1.0E-04	A	V			1.4E+09			1		Titanium Tetrachloride	7550-45-0						6.0E+05		6.0E+05
				5.0E+00	I	V			8.2E+02	1.4E+09	4.3E+03	1		Toluene	108-88-3					9.3E+04	9.4E+04		4.7E+04
				8.0E-06	C	V			1.4E+09	7.6E+05		1		Toluene-2,4-diisocyanate	584-84-9			8.5E+04	8.5E+04		2.7E+01		2.7E+01
1.8E-01	X			2.0E-04	X				1.4E+09			0.1		Toluene-2,5-diamine	95-70-5	1.8E+03	4.3E+03		1.3E+03	2.3E+02	5.5E+02		1.6E+02
				1.1E-05	C				1.4E+09	6.3E+05		1		Toluene-2,6-diisocyanate	91-08-7			7.0E+04	7.0E+04			2.2E+01	2.2E+01
1.6E-02	P	5.1E-05	C						1.4E+09			0.1		Toluidine, o- (Methylaniline, 2-)	95-53-4	2.0E+04	4.8E+04	3.3E+07	1.4E+04				
3.0E-02	P			4.0E-03	X				1.4E+09			0.1		Toluidine, p-	106-49-0	1.1E+04	2.6E+04		7.7E+03	4.7E+03	1.1E+04		3.3E+03
				3.0E+00	P	V			3.4E-01	1.4E+09	1.1E+03	1		Total Petroleum Hydrocarbons (Aliphatic High)	NA					3.5E+06			3.5E+06
				6.0E-01	P	V			1.4E+02	1.4E+09	8.3E+02	1		Total Petroleum Hydrocarbons (Aliphatic Low)	NA					2.2E+03			2.2E+03
				1.0E-02	X	1.0E-01	P	V	6.9E+00	1.4E+09	1.0E+03	1		Total Petroleum Hydrocarbons (Aliphatic Medium)	NA					1.2E+04	4.6E+02		4.4E+02
				4.0E-02	P				1.4E+09			0.1		Total Petroleum Hydrocarbons (Aromatic High)	NA					4.7E+04	1.1E+05		3.3E+04
				4.0E-03	P	3.0E-02	P	V	1.8E+03	1.4E+09	3.5E+03	1		Total Petroleum Hydrocarbons (Aromatic Low)	NA					4.7E+03	4.6E+02		4.2E+02
1.1E+00	I	3.2E-04	I						1.4E+09	5.2E+04		1		Total Petroleum Hydrocarbons (Aromatic Medium)	NA				4.7E+03	6.9E+02		6.0E+02	
				7.5E-03	I				1.4E+09			0.1		Toxaphene	8001-35-2	3.0E+02	7.0E+02	5.2E+06	2.1E+02				
				3.0E-04	A			V	1.4E+09	3.4E+03		1		Tralometrin	66841-25-6					8.8E+03	2.1E+04		6.2E+03
				8.0E+01	X				1.4E+09			0.1		Tri-n-butyltin	688-73-3					3.5E+02			3.5E+02
				3.0E-02	I				1.4E+09			0.1		Triacetin	102-76-1					9.3E+07	2.2E+08		6.6E+07
				1.3E-02	I			V	1.4E+09	3.6E+05		1		Triadimefon	43121-43-3					3.5E+04	8.3E+04		2.5E+04
				1.0E-02	I				1.4E+09			0.1		Triallate	2303-17-5					1.5E+04			1.5E+04
				8.0E-03	I				1.4E+09			0.1		Triasulfuron	82097-50-5					1.2E+04	2.8E+04		8.2E+03
				5.0E-03	I			V	1.4E+09	4.8E+04		1		Tribenuron-methyl	101200-48-0					9.3E+03	2.2E+04		6.6E+03
9.0E-03	P			1.0E-02	P				1.4E+09			0.1		Tribromobenzene, 1,2,4-	615-54-3	3.6E+04	8.6E+04		2.6E+04	5.8E+03			5.8E+03
				3.0E-04	P				1.4E+09			0.1		Tributyl Phosphate	126-73-8					1.2E+04	2.8E+04		8.2E+03
				3.0E+01	I	3.0E+01	H	V	9.1E+02	1.4E+09	1.3E+03	1		Tributyltin Compounds	NA				3.5E+02	8.3E+02		2.5E+02	
7.0E-02	I			3.0E-01	I				1.4E+09			0.1		Tributyltin Oxide	56-35-9					3.5E+02	8.3E+02		2.5E+02
				2.0E-02	I				1.4E+09			0.1		Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1					3.5E+07		1.7E+05	1.7E+05
				3.0E+01	I				1.4E+09			0.1		Trichloroacetic Acid	76-03-9	4.7E+03	1.1E+04		3.3E+03	2.3E+04	5.5E+04		1.6E+04
2.9E-02	H			3.0E-05	X				1.4E+09			0.1		Trichloroaniline HCl, 2,4,6-	33663-50-2	1.1E+04	2.7E+04		7.9E+03				
7.0E-03	X			8.0E-04	X			V	1.4E+09	3.2E+04		1		Trichloroaniline, 2,4,6-	634-93-5	4.7E+04	1.1E+05		3.3E+04	3.5E+01	8.3E+01		2.5E+01
				1.0E-02	P	2.0E-03	P	V	4.0E+02	1.4E+09	3.0E+04	1		Trichlorobenzene, 1,2,3-	87-61-6					9.3E+02			9.3E+02
2.9E-02	P			2.0E+00	I	5.0E+00	I	V	6.4E+02	1.4E+09	1.7E+03	1		Trichlorobenzene, 1,2,4-	120-82-1	1.1E+04			1.1E+04	1.2E+04	2.6E+02		2.6E+02
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		Trichloroethane, 1,1,1-	71-55-6					2.3E+06	3.6E+04		3.6E+04
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		Trichloroethane, 1,1,2-	79-00-5	5.7E+03	5.5E+02	5.0E+02		4.7E+03	6.3E+00		6.3E+00
				3.0E-01	I			V	1.2E+03	1.4E+09	1.0E+03	1		Trichloroethylene	79-01-6	7.1E+03		6.6E+02	6.0E+02	5.8E+02	1.9E+01		1.9E+01
									1.2E+03	1.4E+09	1.0E+03	1		Trichlorofluoromethane	75-69-4					3.5E+05			3.5E+05

Regional Removal Management Level (RML) Composite Worker 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 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 I	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 THQ=1 (mg/kg)	Dermal SL THQ=1 (mg/kg)	Inhalation SL THQ=1 (mg/kg)	Noncarcinogenic SL THI=1 (mg/kg)	
				1.0E-01	I					1.4E+09				1	0.1	Trichlorophenol, 2,4,5-	95-95-4					1.2E+05	2.8E+05		8.2E+04
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	3.0E+04	7.0E+04	5.4E+08	2.1E+04	1.2E+03	2.8E+03		8.2E+02
				1.0E-02	I					1.4E+09				1	0.1	Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5					1.2E+04	2.8E+04		8.2E+03
				8.0E-03	I					1.4E+09				1	0.1	Trichlorophenoxypropionic acid, -2,4,5	93-72-1					9.3E+03	2.2E+04		6.6E+03
				5.0E-03	I			V		1.3E+03	1.4E+09	1.5E+04		1		Trichloropropane, 1,1,2-	598-77-6					5.8E+03			5.8E+03
3.0E+01	I			4.0E-03	I	3.0E-04	I	V	M	1.4E+03	1.4E+09	1.6E+04		1		Trichloropropane, 1,2,3-	96-18-4	1.1E+01				4.7E+03		2.1E+01	2.1E+01
				3.0E-03	X	3.0E-04	P	V		3.1E+02	1.4E+09	2.3E+03		1		Trichloropropane, 1,2,3-	96-19-5					3.5E+03		3.1E+00	3.1E+00
				2.0E-02	A					1.4E+09				1	0.1	Tricresyl Phosphate (TCP)	1330-78-5					2.3E+04	5.5E+04		1.6E+04
				3.0E-03	I					1.4E+09				1	0.1	Tri-diphenylamine	58138-08-2					3.5E+03	8.3E+03		2.5E+03
				7.0E-03	I	V				2.8E+04	1.4E+09	1.6E+04		1		Triethylamine	121-44-8							4.8E+02	4.8E+02
				2.0E+00	P					1.4E+09				1	0.1	Triethylene Glycol	112-27-6					2.3E+06	5.5E+06		1.6E+06
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							6.2E+04	6.2E+04
				7.5E-03	I	V				1.4E+09	5.1E+05			1		Trifluralin	1582-09-8	4.2E+04		4.2E+04		8.8E+03			8.8E+03
2.0E-02	P			1.0E-02	P					1.4E+09				1	0.1	Trimethyl Phosphate	512-56-1	1.6E+04	3.9E+04		1.1E+04	1.2E+04	2.8E+04		8.2E+03
				5.0E-03	P	V				2.9E+02	1.4E+09	9.4E+03		1		Trimethylbenzene, 1,2,3-	526-73-8							2.1E+02	2.1E+02
				7.0E-03	P	V				2.2E+02	1.4E+09	7.9E+03		1		Trimethylbenzene, 1,2,4-	95-63-6							2.4E+02	2.4E+02
				1.0E-02	X			V		1.8E+02	1.4E+09	6.6E+03		1		Trimethylbenzene, 1,3,5-	108-67-8					1.2E+04			1.2E+04
				1.0E-02	X			V		3.0E+01	1.4E+09	1.0E+03		1		Trimethylpentene, 2,4,4-	25167-70-8					1.2E+04			1.2E+04
				3.0E-02	I					1.4E+09				0.019		Trinitrobenzene, 1,3,5-	99-35-4					3.5E+04	4.4E+05		3.2E+04
3.0E-02	I			5.0E-04	I					1.4E+09				0.032		Trinitrotoluene, 2,4,6-	118-96-7	1.1E+04	8.0E+04		9.6E+03	5.8E+02	4.3E+03		5.1E+02
				2.0E-02	P					1.4E+09				0.1		Triphenylphosphine Oxide	791-28-6					2.3E+04	5.5E+04		1.6E+04
				2.0E-02	A					1.4E+09				0.1		Tris(1,3-Dichloro-2-propyl) Phosphate	13674-87-8					2.3E+04	5.5E+04		1.6E+04
2.3E+00	C	6.6E-04	C	1.0E-02	X			V		4.7E+02	1.4E+09	9.0E+05		1		Tris(1-chloro-2-propyl)phosphate	13674-84-5					1.2E+04	2.8E+04		8.2E+03
2.0E-02	P			7.0E-03	P					1.4E+09				0.1		Tris(2,3-dibromopropyl)phosphate	126-72-7	1.4E+02		1.7E+03	1.3E+02				5.7E+03
				1.0E-01	P					1.4E+09				0.1		Tris(2-chloroethyl)phosphate	115-96-8	1.6E+04	3.9E+04		1.1E+04	8.2E+03	1.9E+04		5.7E+03
3.2E-03	P			1.0E-01	P					1.4E+09				0.1		Tris(2-ethylhexyl)phosphate	78-42-2	1.0E+05	2.4E+05		7.2E+04	1.2E+05	2.8E+05		8.2E+04
				8.0E-04	P					1.4E+09				1		Tungsten	7440-33-7					9.3E+02			9.3E+02
				3.0E-03	I	4.0E-05	A			1.4E+09				1		Uranium (Soluble Salts)	NA					3.5E+03		2.4E+05	3.5E+03
1.0E+00	C	2.9E-04	C	8.3E-03	P	9.0E-03	I	7.0E-06	P	1.4E+09				0.026		Urethane	51-79-6	3.3E+02	7.7E+02	5.7E+06	2.3E+02	1.1E+04			8.4E+03
				5.0E-03	S	1.0E-04	A			1.4E+09				0.026		Vanadium Pentoxide	1314-62-1			2.0E+05	2.0E+05	5.9E+03			5.8E+03
				1.0E+00	H	2.0E-01	I	V		2.8E+03	1.4E+09	4.4E+03		1		Vanadium and Compounds	7440-62-2					1.2E+03			1.2E+03
				2.5E-02	I					1.4E+09				0.1		Vernolate	1929-77-7					2.9E+04	6.9E+04		2.1E+04
				1.0E+00	H	2.0E-01	I	V		2.8E+03	1.4E+09	4.4E+03		1		Vincolozolin	50471-44-8					1.2E+06		3.9E+03	3.8E+03
				3.2E-05	H			V		2.5E+03	1.4E+09	1.4E+03		1		Vinyl Acetate	108-05-4								1.8E+01
7.2E-01	I	4.4E-06	I	3.0E-03	I	1.0E-01	I	V	M	3.9E+03	1.4E+09	9.6E+02		1		Vinyl Bromide	593-60-2			5.2E+01	5.2E+01	3.5E+03		4.2E+02	3.7E+02
				3.0E-04	I					1.4E+09				0.1		Vinyl Chloride	75-01-4	4.5E+02		2.7E+02	1.7E+02	3.5E+02	8.3E+02		2.5E+02
				2.0E-01	S	1.0E-01	S	V		3.9E+02	1.4E+09	5.6E+03		1		Warfarin	81-81-2								1.8E+01
				2.0E-01	S	1.0E-01	S	V		3.9E+02	1.4E+09	5.5E+03		1		Xylene, p-	106-42-3					2.3E+05		2.4E+03	2.4E+03
				2.0E-01	S	1.0E-01	S	V		3.9E+02	1.4E+09	5.5E+03		1		Xylene, m-	108-38-3					2.3E+05		2.4E+03	2.4E+03
				2.0E-01	S	1.0E-01	S	V		4.3E+02	1.4E+09	6.5E+03		1		Xylene, o-	95-47-6					2.3E+05		2.8E+03	2.8E+03
				2.0E-01	I	1.0E-01	I	V		2.6E+02	1.4E+09	5.7E+03		1		Xylenes	1330-20-7					2.3E+05		2.5E+03	2.5E+03
				3.0E-04	I					1.4E+09				1		Zinc Phosphide	1314-84-7					3.5E+02			3.5E+02
				3.0E-01	I					1.4E+09				1		Zinc and Compounds	7440-66-6					3.5E+05			3.5E+05
				5.0E-02	I					1.4E+09				0.1		Zineb	12122-67-7					5.8E+04	1.4E+05		4.1E+04
				8.0E-05	X					1.4E+09				1		Zirconium	7440-67-7					9.3E+01			9.3E+01