

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		Screening Levels								Protection of Ground Water SSLs							
SFO (mg/kg-day) ¹	ke (y)	IUR (ug/m ³) ¹	ke (y)	RTD _o (mg/kg-day)	ke (y)	RfC _i (mg/m ³) ¹	ke (y)	muta-gen	GIABS	ABS	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)
				6.0E-02	I					1	0.1	Flutolanil	66332-96-5	3.8E+03	n	4.9E+04	n					9.5E+02	n		5.0E+00	n	
				1.0E-02	I					1	0.1	Fluvalinate	69409-94-5	6.3E+02	n	8.2E+03	n					2.0E+02	n		2.9E+02	n	
3.5E-03	I			1.0E-01	I					1	0.1	Folpet	133-07-3	1.6E+02	c*	6.6E+02	c					2.0E+01	c*		4.7E-03	c*	
1.9E-01	I									1	0.1	Fomesafen	72178-02-0	2.9E+00	c	1.2E+01	c					3.9E-01	c		1.3E-03	c	
				2.0E-03	I					1	0.1	Fonofos	944-22-9	1.3E+02	n	1.6E+03	n					2.4E+01	n		4.7E-02	n	
1.3E-05	I			2.0E-01	I	9.8E-03	A	V		1		Formaldehyde	50-00-0	1.7E+01	c*	7.3E+01	c*	2.2E-01	c*	9.4E-01	c*	4.3E-01	c*		8.7E-05	c*	
				9.0E-01	P	3.0E-04	X	V		1	1.1E+05	Formic Acid	64-18-6	2.9E+01	n	1.2E+02	n	3.1E-01	n	1.3E+00	n	6.3E-01	n		1.3E-04	n	
				3.0E+00	I					1	0.1	Fosetyl-AL	39148-24-8	1.9E+05	nm	2.5E+06	nm					6.0E+04	n		7.9E+02	n	
				1.0E-03	X			V		1	0.03	Furans															
				1.0E-03	I			V		1	0.03	*Dibenzofuran	132-64-9	7.3E+01	n	1.0E+03	n					7.9E+00	n		1.5E-01	n	
								V		1	0.03	*Furan	110-00-9	7.3E+01	n	1.0E+03	n					1.9E+01	n		7.3E-03	n	
3.8E+00	H			9.0E-01	I	2.0E+00	I	V		1	0.03	*Tetrahydrofuran	109-99-9	1.8E+04	n	9.6E+04	n	2.1E+03	n	8.8E+03	n	3.4E+03	n		7.5E-01	n	
								V		1	0.1	Furazolidone	67-45-8	1.4E-01	c	6.0E-01	c					2.0E-02	c		3.9E-05	c	
				3.0E-03	I	5.0E-02	H	V		1	1.0E+04	Furfural	98-01-1	2.1E+02	n	2.6E+03	n	5.2E+01	n	2.2E+02	n	3.8E+01	n		8.1E-03	n	
1.5E+00	C	4.3E-04	C							1	0.1	Furium	531-82-8	3.6E-01	c	1.5E+00	c	6.5E-03	c	2.9E-02	c	5.1E-02	c		6.8E-05	c	
3.0E-02	I	8.6E-06	C							1	0.1	Furmecyclo	60568-05-0	1.8E+01	c	7.7E+01	c	3.3E-01	c	1.4E+00	c	1.1E+00	c		1.2E-03	c	
				4.0E-04	I					1	0.1	Glufosinate, Ammonium	77182-82-2	2.5E+01	n	3.3E+02	n					8.0E+00	n		1.8E-03	n	
						8.0E-05	C			1	0.1	Glutaraldehyde	111-30-8	1.1E+05	nm	4.8E+05	nm	8.3E-02	n	3.5E-01	n						
				4.0E-04	I	1.0E-03	H	V		1	1.1E+05	Glycidyl	765-34-4	2.3E+01	n	2.1E+02	n	1.0E+00	n	4.4E+00	n	1.7E+00	n		3.3E-04	n	
				1.0E-01	I					1	0.1	Glyphosate	1071-83-6	6.3E+03	n	8.2E+04	n					2.0E+03	n	7.0E+02	8.8E+00	n	3.1E+00
				1.0E-02	X			V		1		Guanidine	113-00-8	7.8E+02	n	1.2E+04	n					2.0E+02	n		4.5E-02	n	
				2.0E-02	P					1	0.1	Guanidine Chloride	50-01-1	1.3E+03	n	1.6E+04	n					4.0E+02	n				
				5.0E-05	I					1	0.1	Haloxypol, Methyl	69806-40-2	3.2E+00	n	4.1E+01	n					7.6E-01	n		8.4E-03	n	
4.5E+00	I	1.3E-03	I	5.0E-04	I			V		1		Heptachlor	76-44-8	1.3E-01	c	6.3E-01	c	2.2E-03	c	9.4E-03	c	1.4E-03	c	4.0E-01	1.2E-04	c	3.3E-02
9.1E+00	I	2.6E-03	I	1.3E-05	I			V		1		Heptachlor Epoxide	1024-57-3	7.0E-02	c*	3.3E-01	c*	1.1E-03	c	4.7E-03	c	1.4E-03	c*	2.0E-01	2.8E-05	c*	4.1E-03
				2.0E-03	I			V		1		Hexabromobenzene	87-82-1	1.6E+02	n	2.3E+03	n					4.0E+01	n		2.3E-01	n	
				2.0E-04	I					1	0.1	Hexabromodiphenyl ether, 2,2',4,4',5,5'-(BDE-153)	68631-49-2	1.3E+01	n	1.6E+02	n					4.0E+00	n				
1.6E+00	I	4.6E-04	I	8.0E-04	I			V		1		Hexachlorobenzene	118-74-1	2.1E-01	c	9.6E-01	c	6.1E-03	c	2.7E-02	c	9.8E-03	c	1.0E+00	1.2E-04	c	1.3E-02
7.8E-02	I	2.2E-05	I	1.0E-03	P			V		1	1.7E+01	Hexachlorobutadiene	87-68-3	1.2E+00	c*	5.3E+00	c	1.3E-01	c	5.6E-01	c	1.4E-01	c*		2.7E-04	c*	
6.3E+00	I	1.8E-03	I	8.0E-03	A					1	0.1	Hexachlorocyclohexane, Alpha-	319-84-6	8.6E-02	c	3.6E-01	c	1.6E-03	c	6.8E-03	c	7.2E-03	c		4.2E-05	c	
1.8E+00	I	5.3E-04	I							1	0.1	Hexachlorocyclohexane, Beta-	319-85-7	3.0E-01	c	1.3E+00	c	5.3E-03	c	2.3E-02	c	2.5E-02	c		1.5E-04	c	
1.1E+00	C	3.1E-04	C	3.0E-04	I					1	0.04	Hexachlorocyclohexane, Gamma-(Lindane)	58-89-9	5.7E-01	c*	2.5E+00	c	9.1E-03	c	4.0E-02	c	4.2E-02	c*	2.0E-01	2.4E-04	c*	1.2E-03
1.8E+00	I	5.1E-04	I							1	0.1	Hexachlorocyclohexane, Technical	608-73-1	3.0E-01	c	1.3E+00	c	5.5E-03	c	2.4E-02	c	2.5E-02	c		1.5E-04	c	
				6.0E-03	I	2.0E-04	I	V		1	1.6E+01	Hexachlorocyclopentadiene	77-47-4	1.8E+00	n	7.5E+00	n	2.1E-01	n	8.8E-01	n	4.1E-01	n	5.0E+01	1.3E-03	n	1.6E-01
4.0E-02	I	1.1E-05	C	7.0E-04	I	3.0E-02	I	V		1		Hexachloroethane	67-72-1	1.8E+00	c*	8.0E+00	c*	2.6E-01	c	1.1E+00	c	3.3E-01	c*		2.0E-04	c*	
				3.0E-04	I					1	0.1	Hexachlorophene	70-30-4	1.9E+01	n	2.5E+02	n					6.0E+00	n		8.0E+00	n	
1.1E-01	I			3.0E-03	I					1	0.015	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4	6.1E+00	c*	2.8E+01	c					7.0E-01	c*		2.7E-04	c*	
						1.0E-05	I	V		1	3.4E+03	Hexamethylene Diisocyanate, 1,6-	822-06-0	3.1E+00	n	1.3E+01	n	1.0E-02	n	4.4E-02	n	2.1E-02	n		2.1E-04	n	
				4.0E-04	P					1	0.1	Hexamethylphosphoramide	680-31-9	2.5E+01	n	3.3E+02	n					8.0E+00	n		1.8E-03	n	
				2.0E+00	P	7.0E-01	I	V		1	1.4E+02	Hexane, N-	110-54-3	6.1E+02	ns	2.5E+03	ns	7.3E+02	n	3.1E+03	n	1.5E+03	n		1.0E+01	n	
										1	0.1	Hexanedioic Acid	124-04-9	1.3E+05	nm	1.6E+06	nm					4.0E+04	n		9.9E+00	n	
				5.0E-03	I	3.0E-02	I	V		1	3.3E+03	Hexanone, 2-	591-78-6	2.0E+02	n	1.3E+03	n	3.1E+01	n	1.3E+02	n	3.8E+01	n		8.8E-03	n	
				3.3E-02	I					1	0.1	Hexazinone	51235-04-2	2.1E+03	n	2.7E+04	n					6.4E+02	n		3.0E-01	n	
				2.5E-02	I					1	0.1	Hexythiazox	78587-05-0	1.6E+03	n	2.1E+04	n					1.1E+02	n		5.0E-01	n	
				3.0E-04	I					1	0.1	Hydramethylnon	67485-29-4	1.9E+01	n	2.5E+02	n					5.9E+00	n		2.1E+03	n	
3.0E+00	I	4.9E-03	I			3.0E-05	P	V		1		Hydrazine	302-01-2	2.3E-01	c	1.1E+00	c	5.7E-04	c*	2.5E-03	c*	1.1E-03	c*			c*	
3.0E+00	I	4.9E-03	I							1		Hydrazine Sulfate	10034-93-2	2.3E-01	c	1.1E+00	c	5.7E-04	c	2.5E-03	c	2.6E-02	c			c	
				4.0E-02	C	1.4E-02	C	V		1	1.1E+05	Hydrogen Chloride	7647-01-0	2.8E+07	nm	1.2E+08	nm	2.1E+01	n	8.8E+01	n	4.2E+01	n			n	
						2.0E-03	I	V		1		Hydrogen Fluoride	7664-39-3	3.1E+03	n	4.7E+04	n	1.5E+01	n	6.1E+01	n	2.8E+01	n			n	
										1		Hydrogen Sulfide	7783-06-4	2.8E+06	nm	1.2E+07	nm	2.1E+00	n	8.8E+00	n	4.2E+00	n			n	
6.0E-02	P			4.0E-02	P					1	0.1	Hydroquinone	123-31-9	9.0E+00	c	3.8E+01	c					1.3E+00	c		8.7E-0		

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Toxicity and Chemical-specific Information										Contaminant		Screening Levels							Protection of Ground Water SSLs								
SFO (mg/kg-day)	ke (y)	IUR (ug/m ³ -d)	ke (y)	RTD _o (mg/kg-day)	ke (y)	RF _{C1} (mg/m ³)	ke (y)	mutagen	GIABS	ABS	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)
		7.0E-02		H		V			1		5.0E+02	Methylstyrene, Alpha-	98-83-9	5.5E+03	ns	8.2E+04	ns					7.8E+02			1.2E+00	n	
		1.5E-01		I					1	0.1		Metolachlor	51218-45-2	9.5E+03	n	1.2E+05	nm					2.7E+03	n		3.2E+00	n	
		2.5E-02		I					1	0.1		Metribuzin	21087-64-9	1.6E+03	n	2.1E+04	n					4.9E+02	n		1.5E-01	n	
		2.5E-01		I					1	0.1		Metsulfuron-methyl	74223-64-6	1.6E+04	n	2.1E+05	nm					4.9E+03	n		1.9E+00	n	
1.8E+01	C	5.1E-03	C	2.0E-04	I	V			1		3.4E-01	Mineral oils	8012-95-1	2.3E+05	nms	3.5E+06	nms					6.0E+04	n		2.4E+03	n	
		2.0E-04		I					1			Mirex	2385-85-5	3.6E-02	c	1.7E-01	c	5.5E-04	c	2.4E-03	c	8.8E-04	c		6.3E-04	c	
		2.0E-03		I					1	0.1		Molinate	2212-67-1	1.3E+02	n	1.6E+03	n					3.0E+01	n		1.7E-02	n	
		5.0E-03		I					1			Molybdenum	7439-98-7	3.9E+02	n	5.8E+03	n					1.0E+02	n	4.0E+03	2.0E+00	n	
		1.0E-01		I					1			Monochloramine	10599-90-3	7.8E+03	n	1.2E+05	nm					2.0E+03	n			n	
		2.0E-03		P					1	0.1		Monomethylaniline	100-61-8	1.3E+02	n	1.6E+03	n					3.8E+01	n		1.4E-02	n	
		2.5E-02		I					1	0.1		Myclobutanol	88671-89-0	1.6E+03	n	2.1E+04	n					4.5E+02	n		5.6E+00	n	
		3.0E-04		X					1	0.1		N,N'-Diphenyl-1,4-benzenediamine	74-31-7	1.9E+01	n	2.5E+02	n					3.6E+00	n		3.7E-01	n	
		2.0E-03		I		V			1			Naled	300-76-5	1.6E+02	n	2.3E+03	n					4.0E+01	n		1.8E-02	n	
1.8E+00	C	0.0E+00	C	3.0E-02	X	1.0E-01	P	V	1			Naphtha, High Flash Aromatic (HFAN)	64742-95-6	2.3E+03	n	3.5E+04	n	1.0E+02	n	4.4E+02	n	1.5E+02	n		2.0E-04	c	
				1.0E-01	I				1	0.1		Naphthylamine, 2-Napropamide	91-59-8 15299-99-7	3.0E-01 6.3E+03	c n	1.3E+00 8.2E+04	c n					3.9E-02 1.6E+03	n		1.1E+01	n	
		2.6E-04	C	1.1E-02	C	1.4E-05	C		1	0.1		Nickel Acetate	373-02-4	6.7E+02	n	8.1E+03	n	1.1E-02	c**	4.7E-02	c**	2.2E+02	n			n	
		2.6E-04	C	1.1E-02	C	1.4E-05	C		1	0.1		Nickel Carbonate	3333-67-3	6.7E+02	n	8.1E+03	n	1.1E-02	c**	4.7E-02	c**	2.2E+02	n			n	
		2.6E-04	C	1.1E-02	C	1.4E-05	C	V	1			Nickel Carbonyl	13463-39-1	8.2E+02	n	1.1E+04	n	1.1E-02	c**	4.7E-02	c**	2.2E+02	c**			c**	
		2.6E-04	C	1.1E-02	C	1.4E-05	C		0.04			Nickel Hydroxide	12054-48-7	8.2E+02	n	1.1E+04	n	1.1E-02	c**	4.7E-02	c**	2.0E+02	n			n	
		2.6E-04	C	1.1E-02	C	2.0E-05	C		0.04			Nickel Oxide	1313-99-1	8.4E+02	n	1.2E+04	n	1.1E-02	c**	4.7E-02	c**	2.0E+02	n			n	
		2.4E-04	I	1.1E-02	C	1.4E-05	C		0.04			Nickel Refinery Dust	NA	8.2E+02	n	1.1E+04	n	1.1E-02	c**	5.1E-02	c**	2.2E+02	n		3.2E+01	n	
		2.6E-04	C	2.0E-02	I	9.0E-05	A		0.04			Nickel Soluble Salts	7440-02-0	1.5E+03	n	2.2E+04	n	1.1E-02	c**	4.7E-02	c**	3.9E+02	n		2.6E+01	n	
1.7E+00	C	4.8E-04	C	1.1E-02	C	1.4E-05	C		0.04			Nickel Sulfide	12035-72-2	4.1E-01	c	1.9E+00	c	5.8E-03	c**	2.6E-02	c**	4.5E-02	c			c	
		2.6E-04	C	1.1E-02	C	1.4E-05	C		1	0.1		Nickelocene	1271-28-9	6.7E+02	n	8.1E+03	n	1.1E-02	c**	4.7E-02	c**	2.2E+02	n			c	
		1.6E+00		I					1			Nitrate	14797-55-8	1.3E+05	nm	1.9E+06	nm					3.2E+04	n	1.0E+04	1.0E+04	n	
		1.0E-01		I					1			Nitrate + Nitrite (as N)	NA									2.0E+03	n	1.0E+03		n	
		1.0E-02	X	5.0E-05	X				1	0.1		Nitroaniline, 2-	88-74-4	6.3E+02	n	8.0E+03	n	5.2E-02	n	2.2E-01	n	1.9E+02	n		8.0E-02	n	
2.0E-02	P	4.0E-03	P	6.0E-03	P				1	0.1		Nitroaniline, 4-	100-01-6	2.7E+01	c**	1.1E+02	c*	6.3E+00	n	2.6E+01	n	3.8E+00	c*		1.6E-03	c*	
		4.0E-05	I	2.0E-03	I	9.0E-03	I	V	1		3.1E+03	Nitrobenzene	98-95-3	5.1E+00	c*	2.2E+01	c*	7.0E-02	c	3.1E-01	c	1.4E-01	c*		9.2E-05	c*	
1.3E+00	C	3.7E-04	C	3.0E+03	P				1	0.1		Nitrocellulose	9004-70-0	1.9E+08	nm	2.5E+09	nm					6.0E+07	n		1.3E+04	n	
		7.0E-02	H						1	0.1		Nitrofurantoin	67-20-9	4.4E+03	n	5.7E+04	n					1.4E+03	n		6.1E-01	n	
		1.7E-02	P	1.0E-04	P				1	0.1		Nitrofurazone	59-87-0	4.2E-01	c	1.8E+00	c	7.6E-03	c	3.3E-02	c	6.0E-02	c		5.4E-05	c	
		8.8E-06	P	1.0E-01	I				1	0.1		Nitroglycerin	55-63-0	6.3E+00	n	8.2E+01	n					2.0E+00	n		8.5E-04	n	
		2.7E-03	H	2.0E-02	I	V			1	0.1	4.9E+03	Nitroguanidine	556-88-7	6.3E+03	n	8.2E+04	n					2.0E+03	n		4.8E-01	n	
2.7E+01	C	7.7E-03	C	7.5E-03	M			M	1	0.1		Nitromethane	75-52-5	5.4E+00	c*	2.4E+01	c*	3.2E-01	c*	1.4E+00	c*	6.4E-01	c*		1.4E-04	c*	
1.2E+02	C	3.4E-02	C	7.9E-03	M			M	1	0.1		Nitropropane, 2-	79-46-9	1.4E-02	c	6.0E-02	c	1.0E-03	c	4.5E-03	c	2.1E-03	c		5.4E-07	c	
		1.2E+02	C	3.4E-02	C			M	1	0.1		Nitroso-N-ethylurea, N-	759-73-9	4.5E-03	c	8.5E-02	c	1.3E-04	c	1.6E-03	c	9.2E-04	c		2.2E-07	c	
		1.2E+02	C	3.4E-02	C			M	1	0.1		Nitroso-N-methylurea, N-	684-93-5	1.0E-03	c	1.9E-02	c	3.0E-05	c	3.6E-04	c	2.1E-04	c		4.6E-08	c	
5.4E+00	I	1.6E-03	I			V			1			Nitroso-di-N-butylamine, N-	924-16-3	9.9E-02	c	4.6E-01	c	1.8E-03	c	7.7E-03	c	2.7E-03	c		5.5E-06	c	
7.0E+00	I	2.0E-03	C						1	0.1		Nitroso-di-N-propylamine, N-	621-64-7	7.8E-02	c	3.3E-01	c	1.4E-03	c	6.1E-03	c	1.1E-02	c		8.1E-06	c	
2.8E+00	I	8.0E-04	C						1	0.1		Nitrosodiethanolamine, N-	1116-54-7	1.9E-01	c	8.2E-01	c	3.5E-03	c	1.5E-02	c	2.8E-02	c		5.6E-06	c	
1.5E+02	I	4.3E-02	I					M	1	0.1		Nitrosodiethylamine, N-	55-18-5	8.1E-04	c	1.5E-02	c	2.4E-05	c	2.9E-04	c	1.7E-04	c		6.1E-08	c	
5.1E+01	I	1.4E-02	I	8.0E-06	P	4.0E-05	X	V	M	1	2.4E+05	Nitrosodimethylamine, N-	62-75-9	2.0E-03	c	3.4E-02	c	7.2E-05	c	8.8E-04	c	1.1E-04	c		2.7E-08	c	
4.9E-03	I	2.6E-06	C						1	0.1		Nitrosodiphenylamine, N-	86-30-6	1.1E+02	c	4.7E+02	c	1.1E+00	c	4.7E+00	c	1.2E+01	c		6.7E-02	c	
2.2E+01	I	6.3E-03	C					V	1		1.1E+05	Nitrosomethylethylamine, N-	10595-95-6	2.0E-02	c	9.1E-02	c	4.5E-04	c	1.9E-03	c	7.1E-04	c		2.0E-07	c	
6.7E+00	C	1.9E-03	C						1	0.1		Nitrosomorpholine [N-]	59-89-2	8.1E-02	c	3.4E-01	c	1.5E-03	c	6.5E-03	c	1.2E-02	c		2.8E-06	c	
9.4E+00	C	2.7E-03	C						1	0.1		Nitrosopiperidine [N-]	100-75-4	5.8E-02	c	2.4E-01	c	1.0E-03	c	4.5E-03	c	8.2E-03	c		4.4E-06	c	
2.1E+00	I	6.1E-04	I						1	0.1		Nitrosopyrrolidine, N-	930-55-2	2.6E-01	c	1.1E+00	c	4.6E-03	c	2.0E-02	c	3.7E-02	c		1.4E-05	c	
		1.0E-04	X						1	0.1		Nitrotoluene, m-	99-08-1	6.3E+00	n	8.2E+01	n					1.7E+00	n		1.6E-03	n	
2.2E-01	P	9.0E-04	P			V			1		1.5E+03	Nitrotoluene, o-	88-72-2	3.2E+00	c*	1.5E+01	c*					3.1E-01	c*		3.0E-0		

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Toxicity and Chemical-specific Information										Contaminant		Screening Levels							Protection of Ground Water SSLs									
SFO (mg/kg-day)	key	IUR (ug/m ³) ¹	key	RTD _o (mg/kg-day)	key	RfC ₁ (mg/m ³)	key	mutagen	GIABS	ABS	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)	
				5.0E-02	H			V		1		Pebulate	1114-71-2	3.9E+03	n	5.8E+04	n					5.6E+02	n		4.5E-01	n		
				4.0E-02	I					1	0.1	Pendimethalin	40487-42-1	2.5E+03	n	3.3E+04	n					1.8E+02	n		2.1E+00	n		
				2.0E-03	I			V		1		Pentabromodiphenyl Ether	32534-81-9	1.6E+02	ns	2.3E+03	ns					4.0E+01	n		1.7E+00	n		
				1.0E-04	I					1	0.1	Pentabromodiphenyl ether, 2,2',4,4',5'- (BDE-99)	60348-60-9	6.3E+00	n	8.2E+01	n					2.0E+00	n		8.7E-02	n		
				8.0E-04	I			V		1		Pentachlorobenzene	608-93-5	6.3E+01	n	9.3E+02	n					3.2E+00	n		2.4E-02	n		
				9.0E-02	P					1		Pentachloroethane	76-01-7	7.7E+00	c	3.6E+01	c					6.5E-01	c		3.1E-04	c		
				2.6E-01	H					1		Pentachloronitrobenzene	82-68-8	2.7E+00	c*	1.3E+01	c					1.2E-01	c		1.5E-03	c		
				4.0E-01	I	5.1E-06	C	5.0E-03	I	1	0.25	Pentachlorophenol	87-86-5	1.0E+00	c	4.0E+00	c	5.5E-01	c	2.4E+00	c	4.1E-02	c	1.0E+00	4.2E-04	c	1.0E-02	
				4.0E-03	X			2.0E-03	P	1	0.1	Pentaerythritol tetranitrate (PETN)	78-11-5	1.3E+02	n	5.7E+02	c**					1.9E+01	c**		2.8E-02	c**		
								1.0E+00	P	1		Pentane, n-Perchlorates	109-66-0	8.1E+02	ns	3.4E+03	ns	1.0E+03	n	4.4E+03	n	2.1E+03	n		1.0E+01	n		
				7.0E-04	I					1		*Ammonium Perchlorate	7790-98-9	5.5E+01	n	8.2E+02	n					1.4E+01	n			n		
				7.0E-04	I					1		*Lithium Perchlorate	7791-03-9	5.5E+01	n	8.2E+02	n					1.4E+01	n			n		
				7.0E-04	I					1		*Perchlorate and Perchlorate Salts	14797-73-0	5.5E+01	n	8.2E+02	n					1.4E+01	n		1.5E+01(F)	n		
				7.0E-04	I					1		*Potassium Perchlorate	7778-74-7	5.5E+01	n	8.2E+02	n					1.4E+01	n			n		
				7.0E-04	I					1		*Sodium Perchlorate	7601-89-0	5.5E+01	n	8.2E+02	n					1.4E+01	n			n		
				2.0E-02	P			V		1		Perfluorobutane Sulfonate	375-73-5	1.6E+03	n	2.3E+04	n					3.8E+02	n			2.1E-01	n	
				5.0E-02	I					1	0.1	Permethrin	52645-53-1	3.2E+03	n	4.1E+04	n					1.0E+03	n			2.4E+02	n	
				2.5E-01	I					1	0.1	Phenacetin	62-44-2	2.5E+02	c	1.0E+03	c	4.5E+00	c	1.9E+01	c	3.4E+01	c			9.7E-03	c	
				2.2E-03	C	6.3E-07	C			1	0.1	Phenmedipham	13684-63-4	1.6E+04	n	2.1E+05	nm					4.0E+03	n			2.1E+01	n	
				3.0E-01	I	2.0E-01	C			1	0.1	Phenol	108-95-2	1.9E+04	n	2.5E+05	nm	2.1E+02	n	8.8E+02	n	5.8E+03	n			3.3E+00	n	
				5.0E-04	X					1	0.1	Phenothiazine	92-84-2	3.2E+01	n	4.1E+02	n					4.3E+00	n			1.4E-02	n	
				6.0E-03	I					1	0.1	Phenylenediamine, m-	108-45-2	3.8E+02	n	4.9E+03	n					1.2E+02	n			3.2E-02	n	
				4.7E-02	H					1	0.1	Phenylenediamine, o-	95-54-5	1.2E+01	c	4.9E+01	c					1.6E+00	c			4.4E-04	c	
				1.9E-03	H			1.9E-01	H	1	0.1	Phenylenediamine, p-	106-50-3	1.2E+04	n	1.6E+05	nm					3.8E+03	n			1.0E+00	n	
										1	0.1	Phenylphenol, 2-	90-43-7	2.8E+02	c	1.2E+03	c					3.0E+01	n			4.1E-01	c	
				2.0E-04	H					1	0.1	Phorate	298-02-2	1.3E+01	n	1.6E+02	n					3.0E+00	n			3.4E-03	n	
								3.0E-04	I	1		Phosgene	75-44-5	3.1E-01	n	1.3E+00	n	3.1E-01	n	1.3E+00	n							
				2.0E-02	I					1	0.1	Phosmet	732-11-6	1.3E+03	n	1.6E+04	n					3.7E+02	n			8.2E-02	n	
												Phosphates, Inorganic																
				4.9E+01	P					1		*Aluminum metaphosphate	13776-88-0	3.8E+06	nm	5.7E+07	nm					9.7E+05	n				n	
				4.9E+01	P					1		*Ammonium polyphosphate	68333-79-9	3.8E+06	nm	5.7E+07	nm					9.7E+05	n				n	
				4.9E+01	P					1		*Calcium pyrophosphate	7790-76-3	3.8E+06	nm	5.7E+07	nm					9.7E+05	n				n	
				4.9E+01	P					1		*Diammonium phosphate	7783-28-0	3.8E+06	nm	5.7E+07	nm					9.7E+05	n				n	
				4.9E+01	P					1		*Dicalcium phosphate	7757-93-9	3.8E+06	nm	5.7E+07	nm					9.7E+05	n				n	
				4.9E+01	P					1		*Dimagnesium phosphate	7782-75-4	3.8E+06	nm	5.7E+07	nm					9.7E+05	n				n	
				4.9E+01	P					1		*Dipotassium phosphate	7758-11-4	3.8E+06	nm	5.7E+07	nm					9.7E+05	n				n	
				4.9E+01	P					1		*Disodium phosphate	7558-79-4	3.8E+06	nm	5.7E+07	nm					9.7E+05	n				n	
				4.9E+01	P					1		*Monocalcium phosphate	13530-50-2	3.8E+06	nm	5.7E+07	nm					9.7E+05	n				n	
				4.9E+01	P					1		*Monodiammonium phosphate	7722-76-1	3.8E+06	nm	5.7E+07	nm					9.7E+05	n				n	
				4.9E+01	P					1		*Monocalcium phosphate	7758-23-8	3.8E+06	nm	5.7E+07	nm					9.7E+05	n				n	
				4.9E+01	P					1		*Monomagnesium phosphate	7757-86-0	3.8E+06	nm	5.7E+07	nm					9.7E+05	n				n	
				4.9E+01	P					1		*Monopotassium phosphate	7778-77-0	3.8E+06	nm	5.7E+07	nm					9.7E+05	n				n	
				4.9E+01	P					1		*Monosodium phosphate	7558-80-7	3.8E+06	nm	5.7E+07	nm					9.7E+05	n				n	
				4.9E+01	P					1		*Polyphosphoric acid	8017-16-1	3.8E+06	nm	5.7E+07	nm					9.7E+05	n				n	
				4.9E+01	P					1		*Potassium tripolyphosphate	13845-36-8	3.8E+06	nm	5.7E+07	nm					9.7E+05	n				n	
				4.9E+01	P					1		*Sodium acid pyrophosphate	7758-16-9	3.8E+06	nm	5.7E+07	nm					9.7E+05	n				n	
				4.9E+01	P					1		*Sodium aluminum phosphate (acidic)	7785-88-8	3.8E+06	nm	5.7E+07	nm					9.7E+05	n				n	
				4.9E+01	P					1		*Sodium aluminum phosphate (anhydrous)	10279-59-1	3.8E+06	nm	5.7E+07	nm					9.7E+05	n				n	
				4.9E+01	P					1		*Sodium aluminum phosphate (tetrahydrate)	10305-76-7	3.8E+06	nm	5.7E+07	nm					9.7E+05	n				n	
				4.9E+01	P					1		*Sodium hexametaphosphate	10124-56-8	3.8E+06	nm	5.7E+07	nm					9.7E+05	n				n	
				4.9E+01	P					1		*Sodium polyphosphate	68915-31-1	3.8E+06	nm	5.7E+07	nm					9.7E+05	n				n	
				4.9E+01	P					1		*Sodium trimetaphosphate	7785-84-4	3.8E+06	nm	5.7E+07	nm					9.7E+05	n				n	
				4.9E+01	P					1		*Sodium tripolyphosphate	7758-29-4	3.8E+06	nm	5.7E+07	nm					9.7E+05	n				n	
				4.9E+01	P					1		*Tetrapotassium phosphate	7320-34-5	3.8E+06	nm	5.7E+07	nm					9.7E+05	n				n	
				4.9E+01	P					1		*Tetrasodium pyrophosphate	7722-88-5	3.8E+06	nm													

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Toxicity and Chemical-specific Information										Contaminant		Screening Levels							Protection of Ground Water SSLs									
SFO (mg/kg-day)	ke	IUR (ug/m ³ -day)	RTD _o (mg/kg-day)	ke	RF _C (mg/m ³ -day)	ke	V	mutagen	GIABS	ABS	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)	
1.4E-02	I	2.4E-06	C	2.0E-02	I					1	0.1	*Bis(2-ethylhexyl)phthalate	117-81-7	3.9E+01	c*	1.6E+02	c	1.2E+00	c	5.1E+00	c	5.6E+00	c*	6.0E+00	1.3E+00	c*	1.4E+00	
				1.0E+00	I					1	0.1	*Butylphthalyl Butylglycolate	85-70-1	6.3E+04	n	8.2E+05	nm					1.3E+04	n		3.1E+02	n		
				1.0E-01	I					1	0.1	*Dibutyl Phthalate	84-74-2	6.3E+03	n	8.2E+04	n					9.0E+02	n		2.3E+00	n		
				8.0E-01	I					1	0.1	*Diethyl Phthalate	84-66-2	5.1E+04	n	6.6E+05	nm					1.5E+04	n		6.1E+00	n		
				1.0E-01	I			V		1		*Dimethylterephthalate	120-61-6	7.8E+03	n	1.2E+05	nm					1.9E+03	n		4.9E-01	n		
				1.0E-02	P					1	0.1	*Octyl Phthalate, di-N-	117-84-0	6.3E+02	n	8.2E+03	n					2.0E+02	n		5.7E+01	n		
				1.0E+00	H					1	0.1	*Phthalic Acid, P-	100-21-0	6.3E+04	n	8.2E+05	nm					1.9E+04	n		6.8E+00	n		
				2.0E+00	I	2.0E-02	C			1	0.1	*Phthalic Anhydride	85-44-9	1.3E+05	nm	1.6E+06	nm	2.1E+01	n	8.8E+01	n	3.9E+04	n		8.5E+00	n		
				7.0E-02	I					1	0.1	Picloram	1918-02-1	4.4E+03	n	5.7E+04	n					1.4E+03	n	5.0E+02	3.8E-01	n	1.4E-01	
				1.0E-04	X					1	0.1	Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3	6.3E+00	n	8.2E+04	n					2.0E+00	n		1.3E-03	n		
				9.0E-04	X					1	0.1	Picric Acid (2,4,6-Trinitrophenol)	88-89-1	5.7E+01	n	7.4E+02	n					1.8E+01	n		8.4E-02	n		
				1.0E-02	I					1	0.1	Pyrimiphos, Methyl	29232-93-7	6.3E+02	n	8.2E+03	n					1.2E+02	n		1.2E-01	n		
3.0E+01	C	8.6E-03	C	7.0E-06	H					1	0.1	Polybrominated Biphenyls	59536-65-1	1.8E-02	c*	7.7E-02	c*	3.3E-04	c	1.4E-03	c	2.6E-03	c*				c*	
				7.0E-02	S	2.0E-05	S		V	1	0.14	Polychlorinated Biphenyls (PCBs)																
												*Aroclor 1016	12674-11-2	4.1E+00	n	2.7E+01	c**	1.4E-01	c	6.1E-01	c	2.2E-01	c**		2.1E-02	c**		
				2.0E+00	S	5.7E-04	S		V	1	0.14	*Aroclor 1221	11104-28-2	2.0E-01	c	8.3E-01	c	4.9E-03	c	2.1E-02	c	4.7E-03	c		8.0E-05	c		
				2.0E+00	S	5.7E-04	S		V	1	0.14	*Aroclor 1232	11141-16-5	1.7E-01	c	7.2E-01	c	4.9E-03	c	2.1E-02	c	4.7E-03	c		8.0E-05	c		
				2.0E+00	S	5.7E-04	S		V	1	0.14	*Aroclor 1242	53469-21-9	2.3E-01	c	9.5E-01	c	4.9E-03	c	2.1E-02	c	7.8E-03	c		1.2E-03	c		
				2.0E+00	S	5.7E-04	S		V	1	0.14	*Aroclor 1248	12672-29-6	2.3E-01	c	9.5E-01	c	4.9E-03	c	2.1E-02	c	7.8E-03	c		1.2E-03	c		
				2.0E+00	S	5.7E-04	S		V	1	0.14	*Aroclor 1254	11097-69-1	2.4E-01	c**	9.7E-01	c*	4.9E-03	c	2.1E-02	c	7.8E-03	c*		2.0E-03	c*		
				2.0E+00	S	5.7E-04	S		V	1	0.14	*Aroclor 1260	11096-82-5	2.4E-01	c	9.9E-01	c	4.9E-03	c	2.1E-02	c	7.8E-03	c		5.5E-03	c		
				6.0E-04	X			V		1	0.14	*Aroclor 5460	11126-42-4	3.5E+01	n	4.4E+02	n					1.2E+01	n		2.0E+00	n		
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V		1	0.14	*Heptachlorobiphenyl, 2,3,3',4,4',5,5'-(PCB 189)	39695-31-9	1.3E-01	c*	5.2E-01	c*	2.5E-03	c	1.1E-02	c	4.0E-03	c		2.8E-03	c		
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V		1	0.14	*Hexachlorobiphenyl, 2,3',4,4',5,5'-(PCB 167)	52663-72-6	1.2E-01	c*	5.2E-01	c*	2.5E-03	c	1.1E-02	c	4.0E-03	c		1.7E-03	c		
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V		1	0.14	*Hexachlorobiphenyl, 2,3,3',4,4',5'-(PCB 157)	69782-90-7	1.2E-01	c*	5.1E-01	c*	2.5E-03	c	1.1E-02	c	4.0E-03	c		1.7E-03	c		
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V		1	0.14	*Hexachlorobiphenyl, 2,3,3',4,4',5-(PCB 156)	38380-08-4	1.2E-01	c*	5.1E-01	c*	2.5E-03	c	1.1E-02	c	4.0E-03	c		1.7E-03	c		
3.9E+03	E	1.1E+00	E	2.3E-08	E	1.3E-06	E	V		1	0.14	*Hexachlorobiphenyl, 3,3',4,4',5,5'-(PCB 169)	32774-16-6	1.2E-04	c*	5.2E-04	c*	2.5E-06	c	1.1E-05	c	4.0E-06	c		1.7E-06	c		
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V		1	0.14	*Pentachlorobiphenyl, 2',3,4,4',5-(PCB 128)	65510-44-3	1.2E-01	c*	5.0E-01	c*	2.5E-03	c	1.1E-02	c	4.0E-03	c		1.0E-03	c		
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V		1	0.14	*Pentachlorobiphenyl, 2,3',4,4',5-(PCB 118)	31508-00-6	1.2E-01	c*	5.0E-01	c*	2.5E-03	c	1.1E-02	c	4.0E-03	c		1.0E-03	c		
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V		1	0.14	*Pentachlorobiphenyl, 2,3,3',4,4',5-(PCB 105)	32598-14-4	1.2E-01	c*	5.0E-01	c*	2.5E-03	c	1.1E-02	c	4.0E-03	c		1.0E-03	c		
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V		1	0.14	*Pentachlorobiphenyl, 2,3,4,4',5-(PCB 114)	74472-37-0	1.2E-01	c*	5.1E-01	c*	2.5E-03	c	1.1E-02	c	4.0E-03	c		1.0E-03	c		
1.3E+04	E	3.8E+00	E	7.0E-09	E	4.0E-07	E	V		1	0.14	*Pentachlorobiphenyl, 3,3',4,4',5-(PCB 126)	57465-28-8	3.7E-05	c*	1.5E-04	c*	7.4E-07	c	3.2E-06	c	1.2E-06	c		3.0E-07	c		
2.0E+00	I	5.7E-04	I					V		1	0.14	*Polychlorinated Biphenyls (high risk)	1336-36-3	2.3E-01	c	9.4E-01	c	4.9E-03	c	2.1E-02	c							
4.0E-01	I	1.0E-04	I					V		1	0.14	*Polychlorinated Biphenyls (low risk)	1336-36-3					2.8E-02	c	1.2E-01	c	4.4E-02	c	5.0E-01	6.8E-03	c	7.8E-02	
7.0E-02	I	2.0E-05	I					V		1	0.14	*Polychlorinated Biphenyls (lowest risk)	1336-36-3					1.4E-01	c	6.1E-01	c							
1.3E+01	E	3.8E-03	E	7.0E-06	E	4.0E-04	E	V		1	0.14	*Tetrachlorobiphenyl, 3,3',4,4'-(PCB 77)	32598-13-3	3.8E-02	c*	1.6E-01	c*	7.4E-04	c	3.2E-03	c	6.0E-03	c*		9.4E-04	c*		
3.9E+01	E	1.1E-02	E	2.3E-06	E	1.3E-04	E	V		1	0.14	*Tetrachlorobiphenyl, 3,4,4',5-(PCB 81)	70362-50-4	1.2E-02	c*	4.9E-02	c*	2.5E-04	c	1.1E-03	c	4.0E-04	c		6.2E-05	c		
				6.0E-04	I			V		1	0.1	Polymethacrylate Diisocyanate (PMDI)	9016-87-9	8.5E+05	nm	3.6E+06	nm	6.3E-01	n	2.6E+00	n							
				6.0E-02	I			V		1	0.13	*Acenaphthene	83-32-9	3.6E+03	n	4.5E+04	n					5.3E+02	n		5.5E+00	n		
				3.0E-01	I			V		1	0.13	*Anthracene	120-12-7	1.8E+04	n	2.3E+05	nm					1.8E+03	n		5.8E+01	n		
7.3E-01	E	1.1E-04	C					V	M	1	0.13	*Benz[a]anthracene	56-55-3	1.6E-01	c	2.9E+00	c	9.2E-03	c	1.1E-01	c	1.2E-02	c		4.2E-03	c		
1.2E+00	C	1.1E-04	C					V		1	0.13	*Benzo[j]fluoranthene	205-82-3	4.2E-01	c	1.8E+00	c	2.6E-02	c	1.1E-01	c	6.5E-02	c		7.8E-02	c		
7.3E+00	I	1.1E-03	C					V	M	1	0.13	*Benzo[a]pyrene	50-32-8	1.6E-02	c	2.9E-01	c	9.2E-04	c	1.1E-02	c	3.4E-03	c	2.0E-01	4.0E-03	c	2.4E-01	
7.3E-01	E	1.1E-04	C					V	M	1	0.13	*Benzo[b]fluoranthene	205-99-2	1.6E-01	c	2.9E+00	c	9.2E-03	c	1.1E-01	c	3.4E-02	c		4.1E-02	c		
7.3E-02	E	1.1E-04	C					V	M	1	0.13	*Benzo[k]fluoranthene	707-08-9	1.6E+00	c	2.9E+01	c	9.2E-03	c	1.1E-01	c	3.4E-01	c		4.0E-01	c		
7.3E-03	E	1.1E-05	C	8.0E-02	I			V	M	1	0.13	*Chloronaphthalene, Beta-Chrysenes	91-58-7	4.8E+03	n	6.0E+04	n					7.5E+02	n		3.9E+00	n		
								V	M	1	0.13	*Chrysenes	218-01-9	1.6E+01	c	2.9E+02	c	9.2E-02	c	1.1E+00	c	3.4E+00	c		1.2E+00	c		
7.3E+00	E	1.2E-03	C					V	M	1	0.13	*Dibenz[a,h]anthracene	53-70-3	1.6E-02	c	2.9E-01	c	8.4E-04	c	1.0E-02</								

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Toxicity and Chemical-specific Information										Contaminant		Screening Levels							Protection of Ground Water SSLs					
SFO (mg/kg-day) ¹	ke IUR (ug/m ³) ¹	ke RTD ₀ (mg/kg-day)	ke RfC ₁ (mg/m ³)	ke VOI	mutagen	GIABS	ABS	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)
		4.0E-03	I				1	0.1	Propanediol, 1,2-	114-26-1	2.5E+02	n	3.3E+03	n					7.8E+01	n		2.5E-02	n	
		5.0E-03	I				1	0.1	Propanil	709-98-8	3.2E+02	n	4.1E+03	n					8.2E+01	n		4.5E-02	n	
		2.0E-02	I				1	0.1	Propargite	2312-35-8	1.3E+03	n	1.6E+04	n					1.6E+02	n		1.2E+01	n	
		2.0E-03	I		V		1	1.1E+05	Propargyl Alcohol	107-19-7	1.6E+02	n	2.3E+03	n					4.0E+01	n		8.1E-03	n	
		2.0E-02	I				1	0.1	Propazine	139-40-2	1.3E+03	n	1.6E+04	n					3.4E+02	n		3.0E-01	n	
		2.0E-02	I				1	0.1	Propham	122-42-9	1.3E+03	n	1.6E+04	n					3.5E+02	n		2.2E-01	n	
		1.3E-02	I				1	0.1	Propiconazole	60207-90-1	8.2E+02	n	1.1E+04	n					2.1E+02	n		6.9E-01	n	
				8.0E-03	I	V			Propionaldehyde	123-38-6	7.5E+01	n	3.1E+02	n	8.3E+00	n	3.5E+01	n	1.7E+01	n		3.4E-03	n	
		1.0E-01	X	1.0E+00	X	V			Propyl benzene	103-65-1	3.8E+03	ns	2.4E+04	ns	1.0E+03	n	4.4E+03	n	6.6E+02	n		1.2E+00	n	
				3.0E+00	C	V			Propylene	115-07-1	2.2E+03	ns	9.3E+03	ns	3.1E+03	n	1.3E+04	n	3.6E+03	n		6.0E+00	n	
		2.0E+01	P				1	0.1	Propylene Glycol	57-55-6	1.3E+06	nm	1.6E+07	nm					4.0E+05	n		8.1E+01	n	
				2.7E-04	A				Propylene Glycol Dinitrate	6423-43-4	3.9E+05	nm	1.6E+06	nm	2.8E-01	n	1.2E+00	n						
		7.0E-01	H	2.0E+00	I	V			Propylene Glycol Monomethyl Ether	107-98-2	4.1E+04	n	3.7E+05	nms	2.1E+03	n	8.8E+03	n	3.2E+03	n		6.5E-01	n	
2.4E-01	I	3.7E-06	I			3.0E-02	I	V	Propylene Oxide	75-56-9	2.1E+00	c	9.7E+00	c	7.6E-01	c*	3.3E+00	c*	2.7E-01	c		5.6E-05	c	
		7.5E-02	I				1	0.1	Propyzamide	23950-58-5	4.7E+03	n	6.2E+04	n					1.2E+03	n		1.2E+00	n	
		1.0E-03	I			V			Pyridine	110-86-1	7.8E+01	n	1.2E+03	n					2.0E+01	n		6.8E-03	n	
		3.0E+00	I				1	0.1	Quinalphos	13593-03-8	3.2E+01	n	4.1E+02	n					5.1E+00	n		4.3E-02	n	
							1	0.1	Quinoline	91-22-5	1.8E-01	c	7.7E-01	c					2.4E-02	c		7.8E-05	c	
		9.0E-03	I				1	0.1	Quizalofop-ethyl	76578-14-8	5.7E+02	n	7.4E+03	n					1.2E+02	n		1.9E+00	n	
				3.0E-02	A				Refractory Ceramic Fibers	NA	4.3E+07	nm	1.8E+08	nm	3.1E+01	n	1.3E+02	n						
		3.0E-02	I				1	0.1	Resmethrin	10453-86-8	1.9E+03	n	2.5E+04	n					6.7E+01	n		4.2E+01	n	
		5.0E-02	H			V			Resmethrin	299-84-3	3.9E+03	n	5.8E+04	n					4.1E+02	n		3.7E+00	n	
		2.2E-01	C	6.3E-05	C				Rotenone	83-79-4	2.5E+02	n	3.3E+03	n					6.1E+01	n		3.2E+01	n	
							M	1	Safrrole	94-59-7	5.5E-01	c	1.0E+01	c	1.6E-02	c	1.9E-01	c	9.6E-02	c		5.9E-05	c	
		5.0E-03	I				1	0.1	Selenious Acid	7783-00-8	3.9E+02	n	5.8E+03	n					1.0E+02	n				
		5.0E-03	I	2.0E-02	C				Selenium	7782-49-2	3.9E+02	n	5.8E+03	n	2.1E+01	n	8.8E+01	n	1.0E+02	n	5.0E+01	5.2E-01	n	2.6E-01
		5.0E-03	C	2.0E-02	C				Selenium Sulfide	7446-34-6	3.9E+02	n	5.8E+03	n	2.1E+01	n	8.8E+01	n	1.0E+02	n				
		9.0E-02	I				1	0.1	Sethoxydim	74051-80-2	5.7E+03	n	7.4E+04	n					1.0E+03	n		9.3E+00	n	
				3.0E-03	C				Silica (dry, crystalline, respirable)	7631-86-9	4.3E+06	nm	1.8E+07	nm	3.1E+00	n	1.3E+01	n						
		5.0E-03	I				0.04		Silver	7440-22-4	3.9E+02	n	5.8E+03	n					9.4E+01	n		8.0E-01	n	
1.2E-01	H	5.0E-03	I				1	0.1	Simazine	122-34-9	4.5E+00	c*	1.9E+01	c					6.1E-01	c	4.0E+00	3.0E-04	c	2.0E-03
		1.3E-02	I				1	0.1	Sodium Adifluorfen	62476-59-9	8.2E+02	n	1.1E+04	n					2.6E+02	n		2.1E+00	n	
		4.0E-03	I				1		Sodium Azide	26628-22-8	3.1E+02	n	4.7E+03	n					8.0E+01	n				
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C	M	0.025	Sodium Dichromate	10588-01-9	3.0E-01	c	6.2E+00	c	6.8E-06	c	8.2E-05	c	4.1E-02	c			
2.7E-01	H	3.0E-02	I				1	0.1	Sodium Diethylthiocarbamate	148-18-5	2.0E+00	c	8.5E+00	c					2.9E-01	c				
		5.0E-02	A	1.3E-02	C				Sodium Fluoride	7681-49-4	3.9E+03	n	5.8E+04	n	1.4E+01	n	5.7E+01	n	1.0E+03	n				
		2.0E-05	I				1	0.1	Sodium Fluoroacetate	62-74-8	1.3E+00	n	1.6E+01	n					4.0E-01	n		8.1E-05	n	
		1.0E-03	H				1		Sodium Metavanadate	13718-26-8	7.8E+01	n	1.2E+03	n					2.0E+01	n				
		8.0E-04	P				1		Sodium Tungstate	13472-45-2	6.3E+01	n	9.3E+02	n					1.6E+01	n				
		8.0E-04	P				1		Sodium Tungstate Dihydrate	10213-10-2	6.3E+01	n	9.3E+02	n					1.6E+01	n				
2.4E-02	H	3.0E-02	I				1	0.1	Stirofos (Tetrachlorovinphos)	961-11-5	2.3E+01	c*	9.6E+01	c					2.8E+00	c		8.2E-03	c	
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C	M	0.025	Strontium Chromate	7789-06-2	3.0E-01	c	6.2E+00	c	6.8E-06	c	8.2E-05	c	4.1E-02	c			
		6.0E-01	I				1		Strontium, Stable	7440-24-6	4.7E+04	n	7.0E+05	nm					1.2E+04	n		4.2E+02	n	
		3.0E-04	I				1	0.1	Strychnine	57-24-9	1.9E+01	n	2.5E+02	n					5.9E+00	n		6.5E-02	n	
		2.0E-01	I	1.0E+00	I	V			Styrene	100-42-5	6.0E+03	ns	3.5E+04	ns	1.0E+03	n	4.4E+03	n	1.2E+03	n	1.0E+02	1.3E+00	n	1.1E-01
		3.0E-03	P				1	0.1	Styrene-Acrylonitrile (SAN) Trimer	NA	1.9E+02	n	2.5E+03	n					4.8E+01	n				
		1.0E-03	P	2.0E-03	X				Sulfolane	126-33-0	6.3E+01	n	8.2E+02	n	2.1E+00	n	8.8E+00	n	2.0E+01	n		4.4E-03	n	
		8.0E-04	P				1	0.1	Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9	5.1E+01	n	6.6E+02	n					1.1E+01	n		6.5E-02	n	
				1.0E-03	C	V			Sulfur Trioxide	7446-11-9	1.4E+06	nm	6.0E+06	nm	1.0E+00	n	4.4E+00	n	2.1E+00	n				
				1.0E-03	C				Sulfuric Acid	7664-93-9	1.4E+06	nm	6.0E+06	nm	1.0E+00	n	4.4E+00	n						
2.5E-02	I	7.1E-06	I	5.0E-02	H			1	0.1	Sulfurous acid, 2-chloroethyl 2-[4-(1,1-dimethylethyl)phenoxy]-1-methylethyl ester	140-57-8	2.2E+01	c	9.2E+01	c	4.0E-01	c	1.7E+00	c	1.3E+00	c	1.5E-02	c	
				3.0E-02	H			1	0.1	TCMTB	21564-17-0	1.9E+03	n	2.5E+04	n					4.8E+02	n	3.3E+00	n	
		7.0E-02	I				1	0.1	Tebuthiuron	34014-18-1	4.4E+03	n	5.7E+04	n					1.4E+03	n		3.9E-01	n	
		2.0E-02	H				1	0.1	Temephos	3383-96-8	1.3E+03	n	1.6E+04	n					4.0E+02	n		7.6E+01	n	
		1.3E-02	I				1	0.1	Terbacil	5902-51-2	8.2E+02	n	1.1E+04	n					2.5E+02	n		7.5E-02	n	
		2.5E-05	H			V		3.1E+01	Terbufos	13071-79-9	2.0E+00	n	2.9E+01	n					2.4E-01	n		5.2E-04	n	
		1.0E-03	I				1	0.1	Terbutryn	886-50-0	6.3E+01	n	8.2E+02	n					1.3E+01	n		1.9E-02	n	
		1.0E-04	I				1	0.1	Tetrabromodiphenyl ether, 2,2',4,4'-(BDE-47)	5436-43-1	6.3E+00	n												

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Toxicity and Chemical-specific Information										Contaminant		Screening Levels										Protection of Ground Water SSLs						
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 ₁ (mg/m ³) ⁻¹	k _e (mg/m ³) ⁻¹	mutagen	GIABS	ABS	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m ³)	key	Industrial Air (ug/m ³)	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)	
3.0E-02	I		3.0E-02	I					1	0.019		Trinitrobenzene, 1,3,5-	99-35-4	2.2E+03	n	3.2E+04	n					5.9E+02	n		2.1E+00	n		
			5.0E-04	I					1	0.032		Trinitrotoluene, 2,4,6-	118-96-7	2.1E+01	c**	9.6E+01	c**					2.5E+00	c**		1.5E-02	c**		
			2.0E-02	P					1	0.1		Triphenylphosphine Oxide	791-28-6	1.3E+03	n	1.6E+04	n					3.6E+02	n		1.5E+00	n		
2.3E+00	C	6.6E-04	C	2.0E-02	A				1	0.1	4.7E+02	Tris(1,3-Dichloro-2-propyl) Phosphate	13674-87-8	1.3E+03	n	1.6E+04	n					3.6E+02	n		8.0E+00	n		
			1.0E-02	X				V	1	0.1		Tris(4-chloro-2-propyl)phosphate	13674-84-5	6.3E+02	n	8.2E+03	n					1.9E+02	n		6.5E-01	n		
									1			Tris(2,3-dibromopropyl)phosphate	126-72-7	2.8E-01	c	1.3E+00	c	4.3E-03	c	1.9E-02	c	6.8E-03	c		1.3E-04	c		
2.0E-02	P		7.0E-03	P					1	0.1		Tris(2-chloroethyl)phosphate	115-96-8	2.7E+01	c*	1.1E+02	c*					3.8E+00	c*		3.8E-03	c*		
3.2E-03	P		1.0E-01	P					1	0.1		Tris(2-ethylhexyl)phosphate	78-42-2	1.7E+02	c*	7.2E+02	c					2.4E+01	c*		1.2E+02	c*		
			8.0E-04	P					1			Tungsten	7440-33-7	6.3E+01	n	9.3E+02	n					1.6E+01	n		2.4E+00	n		
1.0E+00	C	2.9E-04	C	3.0E-03	I	4.0E-05	A		1		0.1	Uranium (Soluble Salts)	NA	2.3E+02	n	3.5E+03	n	4.2E-02	n	1.8E-01	n	6.0E+01	n	3.0E+01	2.7E+01	n	1.4E+01	
			8.3E-03	P	9.0E-03	I	7.0E-06	P		0.026		Urethane	51-79-6	1.2E-01	c	2.3E+00	c	3.5E-03	c	4.2E-02	c	2.5E-02	c		5.6E-06	c		
									1			Vanadium Pentoxide	1314-62-1	4.6E+02	c**	2.0E+03	c**	3.4E-04	c*	1.5E-03	c*	1.5E+02	n					
			5.0E-03	S	1.0E-04	A			0.026			Vanadium and Compounds	7440-62-2	3.9E+02	n	5.8E+03	n	1.0E-01	n	4.4E-01	n	8.6E+01	n		8.6E+01	n		
			1.0E-03	I			V		1			Vernolate	1929-77-7	7.8E+01	n	1.2E+03	n					1.1E+01	n		8.9E-03	n		
			2.5E-02	I					1	0.1		Vindozolin	50471-44-8	1.6E+03	n	2.1E+04	n					4.4E+02	n		3.4E-01	n		
			1.0E+00	H	2.0E-01	I	V		1		2.8E+03	Vinyl Acetate	108-05-4	9.1E+02	n	3.8E+03	ns	2.1E+02	n	8.8E+02	n	4.1E+02	n		8.7E-02	n		
3.2E-05	H		3.0E-03	I	V				1		2.5E+03	Vinyl Bromide	593-60-2	1.2E-01	c*	5.2E-01	c*	8.8E-02	c*	3.8E-01	c*	1.8E-01	c*		5.1E-05	c*		
7.2E-01	I	4.4E-06	I	3.0E-03	I	1.0E-01	I	V	M	1	3.9E+03	Vinyl Chloride	75-01-4	5.9E-02	c	1.7E+00	c	1.7E-01	c	2.8E+00	c	1.9E-02	c	2.0E+00	6.5E-06	c	6.9E-04	
			3.0E-04	I					1	0.1		Warfarin	81-81-2	1.9E+01	n	2.5E+02	n					5.6E+00	n		5.9E-03	n		
			2.0E-01	S	1.0E-01	S	V		1		3.9E+02	Xylene, p-	106-42-3	5.6E+02	ns	2.4E+03	ns	1.0E+02	n	4.4E+02	n	1.9E+02	n		1.9E-01	n		
			2.0E-01	S	1.0E-01	S	V		1		3.9E+02	Xylene, m-	108-38-3	5.5E+02	ns	2.4E+03	ns	1.0E+02	n	4.4E+02	n	1.9E+02	n		1.9E-01	n		
			2.0E-01	S	1.0E-01	S	V		1		4.3E+02	Xylene, o-	95-47-6	6.5E+02	ns	2.8E+03	ns	1.0E+02	n	4.4E+02	n	1.9E+02	n		1.9E-01	n		
			2.0E-01	I	1.0E-01	I	V		1		2.6E+02	Xylenes	1330-20-7	5.8E+02	ns	2.5E+03	ns	1.0E+02	n	4.4E+02	n	1.9E+02	n	1.0E+04	1.9E-01	n	9.9E+00	
			3.0E-04	I					1			Zinc Phosphide	1314-84-7	2.3E+01	n	3.5E+02	n					6.0E+00	n					
			3.0E-01	I					1			Zinc and Compounds	7440-66-6	2.3E+04	n	3.5E+05	nm					6.0E+03	n		3.7E+02	n		
			5.0E-02	I					1	0.1		Zincb	12122-67-7	3.2E+03	n	4.1E+04	n					9.9E+02	n		2.9E+00	n		
			8.0E-05	X					1			Zirconium	7440-67-7	6.3E+00	n	9.3E+01	n					1.6E+00	n		4.8E+00	n		

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Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-06				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 _i (mg/m ³) ⁻¹	k _e (y)	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (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	0.1	1.1E+05	1.4E+09	8.7E+03	Acephate	30560-19-1	8.0E+01	2.8E+02	1.1E+01	6.2E+01	3.1E+02	1.3E+03	8.2E+01	2.5E+02
				2.0E-02	I				1	0.1	1.4E+09			Acetaldehyde	75-07-0				1.1E+01	75-07-0			8.2E+01
									1	0.1	1.4E+09			Acetochlor	34256-82-1				1.1E+01	1.6E+03	6.6E+03	8.2E+01	1.3E+03
				9.0E-01	I	3.1E+01	A	V	1		1.1E+05	1.4E+09	1.4E+04	Acetone	67-64-1					7.0E+04		4.4E+05	6.1E+04
						2.0E-03	X		1	0.1	1.4E+09			Acetone Cyanohydrin	75-86-5							2.8E+06	2.8E+06
						6.0E-02	I	V	1		1.3E+05	1.4E+09	1.3E+04	Acetonitrile	75-05-8							8.1E+02	8.1E+02
3.8E+00	C	1.3E-03	C	1.0E-01	I				1		2.5E+03	1.4E+09	6.0E+04	Acetophenone	98-86-2					7.8E+03			7.8E+03
				5.0E-04	I	2.0E-05	I	V	1	0.1	1.4E+09			Acetylaminofluorene, 2-	53-96-3	1.8E-01	6.5E-01	2.9E+03	1.4E-01	3.9E+01		1.4E-01	1.4E-01
									1		2.3E+04	1.4E+09	6.9E+03	Acrolein	107-02-8								
5.0E-01	I	1.0E-04	I	2.0E-03	I	6.0E-03	I	M	1	0.1	1.4E+09			Acrylamide	79-06-1	3.1E-01	1.2E+00	1.4E+04	2.4E-01	1.6E+02	6.6E+02	8.5E+06	1.3E+02
				5.0E-01	I	1.0E-03	I	V	1		1.1E+05	1.4E+09	9.5E+04	Acrylic Acid	79-10-7	3.9E+04				3.9E+04		9.9E+01	9.9E+01
5.4E-01	I	6.8E-05	I	4.0E-02	A	2.0E-03	I	V	1		1.1E+04	1.4E+09	7.7E+03	Acrylonitrile	107-13-1	1.3E+00		3.2E-01	2.5E-01	3.1E+03		1.6E+01	1.6E+01
						6.0E-03	P		1	0.1	1.4E+09			Adiponitrile	111-69-3							8.5E+06	8.5E+06
5.6E-02	C			1.0E-02	I				1	0.1	1.4E+09			Alachlor	15972-60-8	1.2E+01	4.4E+01		9.7E+00	7.8E+02	3.3E+03		6.3E+02
				1.0E-03	I				1	0.1	1.4E+09			Aldicarb	116-06-3					7.8E+01	3.3E+02		6.3E+01
									1	0.1	1.4E+09			Aldicarb Sulfone	1646-88-4					7.8E+01	3.3E+02		6.3E+01
									1	0.1	1.4E+09			Aldicarb sulfoxide	1646-87-3								
1.7E+01	I	4.9E-03	I	3.0E-05	I				1		1.4E+09	1.7E+06		Aldrin	309-00-2	4.1E-02		9.8E-01	3.9E-02	2.3E+00			2.3E+00
				5.0E-03	I	1.0E-04	X	V	1		1.1E+05	1.4E+09	3.4E+04	Allyl Alcohol	107-18-6					3.9E+02		3.6E+00	3.5E+00
2.1E-02	C	6.0E-06	C	1.0E+00	P	5.0E-03	P		1		1.4E+09	1.6E+03		Allyl Chloride	107-05-1	3.3E+01		7.4E-01	7.2E-01	7.8E+04		1.7E+00	1.7E+00
									1		1.4E+09			Aluminum	7429-90-5							7.1E+06	7.7E+04
				4.0E-04	I				1		1.4E+09			Aluminum Phosphide	20859-73-8					3.1E+01			3.1E+01
2.1E+01	C	6.0E-03	C	9.0E-03	I				1	0.1	1.4E+09			Ametryn	834-12-8					7.0E+02	3.0E+03		5.7E+02
									1	0.1	1.4E+09			Aminobiphenyl, 4-	92-67-1	3.3E-02	1.2E-01	6.4E+02	2.6E-02				
				8.0E-02	P				1	0.1	1.4E+09			Aminophenol, m-	591-27-5					6.3E+03	2.6E+04		5.1E+03
				2.0E-02	P				1	0.1	1.4E+09			Aminophenol, p-	123-30-8					1.6E+03	6.6E+03		1.3E+03
				2.5E-03	I				1	0.1	1.4E+09			Amitraz	33089-61-1					2.0E+02	8.2E+02		1.6E+02
				1.0E-01	I	V			1		1.4E+09			Ammonia	7664-41-7								
				2.0E-01	I				1		1.4E+09			Ammonium Sulfamate	7773-06-0					1.6E+04			1.6E+04
						3.0E-03	X	V	1		1.4E+04	2.6E+04		Amyl Alcohol, tert-	75-85-4							8.2E+01	8.2E+01
5.7E-03	I	1.6E-06	C	7.0E-03	P	1.0E-03	I		1	0.1	1.4E+09			Aniline	62-53-3	1.2E+02	4.3E+02	2.4E+06	9.5E+01	5.5E+02	2.3E+03	1.4E+06	4.4E+02
4.0E-02	P			2.0E-03	X				1	0.1	1.4E+09			Anthraquinone, 9,10-	84-65-1	1.7E+01	6.2E+01	1.4E+01		1.6E+02	6.6E+02		1.3E+02
				4.0E-04	I				0.15		1.4E+09			Antimony (metallic)	7440-36-0					3.1E+01			3.1E+01
				5.0E-04	H				0.15		1.4E+09			Antimony Pentoxide	1314-60-9					3.9E+01			3.9E+01
				4.0E-04	H				0.15		1.4E+09			Antimony Tetroxide	1332-81-6					3.1E+01			3.1E+01
						2.0E-04	I		0.15		1.4E+09			Antimony Trioxide	1309-64-4							2.8E+05	2.8E+05
1.5E+00	I	4.3E-03	I	3.0E-04	I	1.5E-05	C		1	0.03	1.4E+09			Arsenic, Inorganic	7440-38-2	7.7E-01	5.5E+00	8.9E+02	6.8E-01	3.9E+01	3.3E+02	2.1E+04	3.5E+01
				3.5E-06	C	5.0E-05	I		1		1.4E+09			Arsine	7784-42-1					2.7E-01		7.1E+04	2.7E-01
				5.0E-02	I				1	0.1	1.4E+09			Asulam	3337-71-1					3.9E+03	1.6E+04		3.2E+03
2.3E-01	C	3.5E-02	I	3.5E-02	I				1	0.1	1.4E+09			Atrazine	1912-24-9	3.0E+00	1.1E+01		2.4E+00	2.7E+03	1.2E+04		2.2E+03
8.8E-01	C	2.5E-04	C	4.0E-04	I				1	0.1	1.4E+09			Auramine	492-80-8	7.9E-01	2.8E+00	1.5E+04	6.2E-01				
									1	0.1	1.4E+09			Avermectin B1	65195-55-3					3.1E+01	1.3E+02		2.5E+01
1.1E-01	I	3.1E-05	I	1.0E+00	P	7.0E-06	P		1	0.1	1.4E+09	5.2E+05		Azinphos-methyl	86-50-0					2.3E+02	9.9E+02	1.4E+07	1.9E+02
									1		1.4E+09			Azobenzene	103-33-3	6.3E+00		4.7E+01	5.6E+00	7.8E+04	3.3E+05	9.9E+03	8.6E+03
									1	0.1	1.4E+09			Azodicarbonamide	123-77-3								
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C	M	0.025		1.4E+09			Barium	7440-39-3	3.1E-01		9.2E+00	3.0E-01	1.6E+04		7.1E+05	1.5E+04
				3.0E-01	I				1		1.4E+09	3.1E+05		Barium Chromate	10294-40-3					1.6E+03		2.8E+05	1.6E+03
									1		1.4E+09			Benfluralin	1861-40-1					2.3E+04			2.3E+04
				5.0E-02	I				1	0.1	1.4E+09			Benomyl	17804-35-2					3.9E+03	1.6E+04		3.2E+03
				2.0E-01	I				1	0.1	1.4E+09			Bensulfuron-methyl	83055-99-6					1.6E+04	6.6E+04		1.3E+04
				3.0E-02	I				1	0.1	1.4E+09			Bentazon	25057-89-0					2.3E+03	9.9E+03		1.9E+03
				1.0E-01	I				1		1.2E+03	1.4E+09	2.3E+04	Benzaldehyde	100-52-7					7.8E+03			7.8E+03
5.5E-02	I	7.8E-06	I	4.0E-03	I	3.0E-02	I	V	1		1.8E+03	1.4E+09	3.5E+03	Benzene	71-43-2	1.3E+01		1.3E+00	1.2E+00	3.1E+02		1.1E+02	8.2E+01
1.0E-01	X			3.0E-04	X				1	0.1	1.4E+09			Benzenediamine-2-methyl sulfate, 1,4-	6369-59-1	7.0E+00	2.5E+01		5.4E+00	2.3E+01	9.9E+01		1.9E+01
				1.0E-03	P				1		1.3E+03	1.4E+09	1.9E+04	Benzenethiol	108-98-5					7.8E+01			7.8E+01
2.3E+02	I	6.7E-02	I	3.0E-03	I				1	0.1	1.4E+09			Benzidine	92-87-5	6.7E-04	2.6E-03	2.1E+01	5.3E-04	2.3E+02	9.9E+02		1.9E+02
				4.0E+00	I				1	0.1	1.4E+09			Benzoic Acid	65-85-0					3.1E+05	1.3E+06		2.5E+05
1.3E+01	I																						

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Toxicity and Chemical-specific Information														Contaminant		Carcinogenic Target Risk (TR) = 1E-06				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 _i (mg/m ³) ⁻¹	k _e (y)	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (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 3.0E-03	I P				1		1.0E+03	1.4E+09	3.5E+04	Bis(2-chloro-1-methylethyl) ether Bis(2-chloroethoxy)methane	108-60-1 111-91-1					3.1E+03 2.3E+02		9.9E+02		3.1E+03 1.9E+02		
1.1E+00 2.2E+02	I I	3.3E-04 6.2E-02	I I								5.1E+03 4.2E+03	1.4E+09 1.4E+09	4.3E+04 1.9E+03	Bis(2-chloroethyl)ether Bis(chloromethyl)ether	111-44-4 542-88-1	6.3E-01 3.2E-03		3.6E-01 8.5E-05	2.3E-01 8.3E-05					3.9E+03 1.6E+04	1.6E+04 2.8E+07	3.2E+03 3.1E+03
				5.0E-02	I					0.1		1.4E+09		Bisphenol A	80-05-7					3.9E+03				3.2E+03		
				2.0E-01 2.0E+00 4.0E-02	I P C	2.0E-02 1.0E-02 1.3E-02	H P C				1 1 1		1.4E+09 1.4E+09 1.4E+09	Boron And Borates Only Boron Trichloride Boron Trifluoride	7440-42-8 10294-34-5 7637-07-2					1.6E+04 1.6E+05 3.1E+03				1.6E+04 1.6E+05 3.1E+03		
7.0E-01 2.0E+00	I X	6.0E-04	X	4.0E-03	I								1.4E+09	Bromate Bromo-2-chloroethane, 1- Bromobenzene	15541-45-4 107-04-0 108-86-1	9.9E-01 3.5E-01		9.9E-01 2.6E-02		3.1E+02				3.1E+02		
				4.0E-02	X	V					4.0E+03	1.4E+09	3.6E+03	Bromochloromethane	74-97-5									1.5E+02		
6.2E-02 7.9E-03	I I	3.7E-05 1.1E-06	C I	2.0E-02 2.0E-02	I I						9.3E+02 9.2E+02	1.4E+09 1.4E+09	4.0E+03 9.7E+03	Bromodichloromethane Bromoforn	75-27-4 75-25-2	1.1E+01 8.8E+01		3.0E-01 2.5E+01	2.9E-01 1.9E+01	1.6E+03 1.6E+03				1.6E+03 1.6E+03		
				1.4E-03 5.0E-03 2.0E-02	I H I	5.0E-03 H I	V V I					3.6E+03	1.4E+09	1.4E+03	Bromomethane Bromophos Bromoxynil	74-83-9 2104-96-3 1689-84-5					1.1E+02 3.9E+02 1.6E+03		7.3E+00		6.8E+00 3.9E+02 1.3E+03	
3.4E+00	C	3.0E-05	I	2.0E-02	I	2.0E-03	I				6.7E+02 7.6E+03	1.4E+09 1.4E+09	4.7E+05 3.0E+04	Bromoxynil Octanoate Butadiene, 1,3- Butanol, N-	1689-99-2 106-99-0 71-36-3	2.0E-01		8.1E-02	5.8E-02	1.6E+03		1.8E+00		1.6E+03 1.8E+00 7.8E+03		
1.9E-03	P			2.0E-01	I					0.1	1.4E+09			Butyl Benzyl Phthalate	85-68-7	3.7E+02	1.3E+03		2.9E+02	1.6E+04	6.6E+04			1.3E+04		
				2.0E+00 5.0E-02	P I	3.0E+01 I	P V				2.1E+04	1.4E+09	2.9E+04	Butyl alcohol, sec- Butylate	78-92-2 2008-41-5					1.6E+05 3.9E+03		9.1E+05		1.3E+05 3.9E+03		
2.0E-04 3.6E-03	C P	5.7E-08 3.0E-01	C P	5.0E-02	P P						1.4E+09			Butylated hydroxyanisole Butylated hydroxytoluene Butylbenzene, n-	25013-16-5 128-37-0 104-51-8	3.5E+03 1.9E+02	1.2E+04 6.9E+02	6.7E+07 1.5E+02	2.7E+03 1.5E+02	2.3E+04 3.9E+03	9.9E+04			1.9E+04 3.9E+03		
				1.0E-01 1.0E-01 2.0E-02	X X A	V V A					1.5E+02 1.8E+02	1.4E+09 1.4E+09	7.4E+03 7.4E+03	Butylbenzene, sec- Butylbenzene, tert- Cacodylic Acid	135-98-8 98-06-6 75-60-5					7.8E+03 7.8E+03 1.6E+03		6.6E+03		7.8E+03 7.8E+03 1.3E+03		
		1.8E-03 1.8E-03 5.0E-01	I I C	1.0E-03 5.0E-04 2.0E-02	I I C	1.0E-05 1.0E-05 2.0E-04	A A C		0.025 0.05 0.025	0.001 0.001	1.4E+09			Cadmium (Diet) Cadmium (Water) Calcium Chromate	7440-43-9 7440-43-9 13765-19-0			2.1E+03 2.1E+03		7.8E+01 7.8E+01	8.2E+02	1.4E+04		7.1E+01		
				5.0E-01	I	2.2E-03	C				0.1	1.4E+09		Caprolactam	105-60-2					3.9E+04	1.6E+05	3.1E+06		3.1E+04		
1.5E-01 2.3E-03	C C	4.3E-05 6.6E-07	C C	2.0E-03 1.3E-01	I I						1.4E+09			Captan Captan	2425-06-1 133-06-2	4.6E+00 3.0E+02	1.6E+01 1.1E+03	8.9E+04 5.8E+06	3.6E+00 2.4E+02	1.6E+02 1.0E+04	6.6E+02 4.3E+04			1.3E+02 8.2E+03		
				1.0E-01 5.0E-03 1.0E-01	I I I	7.0E-01	I	V			7.4E+02	1.4E+09	1.2E+03	Carbaryl Carbofuran Carbon Disulfide	63-25-2 1563-66-2 75-15-0					7.8E+03 3.9E+02 7.8E+03		3.3E+04 1.6E+03		6.3E+03 3.2E+02 7.7E+02		
7.0E-02	I	6.0E-06	I	4.0E-03	I	1.0E-01	I	P			4.6E+02 5.9E+03	1.4E+09 1.4E+09	1.5E+03 6.5E+02	Carbon Tetrachloride Carbonyl Sulfide Carbosulfan	56-23-5 463-58-1 55285-14-8	9.9E+00		7.0E-01	6.5E-01	3.1E+02		1.6E+02 6.7E+01		1.0E+02 6.7E+01 6.3E+02		
				1.0E-01	I					0.1	1.4E+09			Carboxin Ceric oxide Chloral Hydrate	5234-68-4 1306-38-3 302-17-0					7.8E+03	3.3E+04		1.3E+06	6.3E+03 1.3E+06 7.8E+03		
				1.5E-02	I					0.1	1.4E+09			Chloramben	133-90-4					1.2E+03		4.9E+03		9.5E+02		
4.0E-01 3.5E-01	H I	1.0E-04	I	5.0E-04	I	7.0E-04	I	V			0.04	1.4E+09	9.0E+05	Chloranil Chloraniol Chlordane	118-75-2 12789-03-6	1.7E+00 2.0E+00	6.1E+00 1.8E+01	2.5E+01 1.7E+00	1.3E+00 1.7E+00	3.9E+01	4.1E+02	6.6E+02		3.4E+01		
1.0E+01	I	4.6E-03	C	3.0E-04	I						0.1	1.4E+09		Chlordecone (Kepone) Chlorfenvinphos Chlorimuron, Ethyl-	143-50-0 470-90-6 90982-32-4	7.0E-02	2.5E-01	8.3E+02	5.4E-02	2.3E+01	9.9E+01			1.9E+01 4.4E+01 1.3E+03		
				1.0E-01 3.0E-02 3.0E-02	I I I	1.5E-04 2.0E-04 I	A I V				2.8E+03	1.4E+09	1.2E+03	Chlorine Chlorine Dioxide Chlorite (Sodium Salt)	7782-50-5 10049-04-4 7758-19-2					7.8E+03 2.3E+03 2.3E+03		1.8E-01 2.8E+05		1.8E-01 2.3E+03 2.3E+03		
4.6E-01	H	3.0E-04	I	2.0E-02	H	2.0E-02	I	V			1.2E+03 7.9E+02	1.4E+09 1.4E+09	1.0E+03 1.1E+03	Chloro-1,1-difluoroethane, 1- Chloro-1,3-butadiene, 2- Chloro-2-methylaniline HCl, 4-	75-68-3 126-99-8 3165-93-3			1.0E-02	1.0E-02	1.6E+03		5.4E+04		5.4E+04 2.2E+01		
1.0E-01 2.7E-01	P X	7.7E-05	C	3.0E-03	X						0.1	1.4E+09	1.6E+04	Chloro-2-methylaniline, 4- Chloroacetaldehyde, 2- Chloroacetic Acid	95-69-2 107-20-0 79-11-8	1.5E+00 2.6E+00	5.4E+00 2.5E+01	5.0E+04 5.0E+04	5.4E+00 2.6E+00	2.3E+02	9.9E+02			1.9E+02		
2.0E-01	P			4.0E-03 2.0E-02	I I	5.0E-02 P	V				0.1 1	1.4E+09 7.6E+02	6.5E+03	Chloroacetophenone, 2- Chloroaniline, p- Chlorobenzene	532-27-4 106-47-8 108-90-7	3.5E+00	1.2E+01		2.7E+00	3.1E+02 1.6E+03	1.3E+03		4.3E+04 3.4E+02	4.3E+04 2.5E+02 2.8E+02		
1.1E-01	C	3.1E-05	C	2.0E-02 3.0E-02	I X						0.1	1.4E+09		Chlorobenzilate Chlorobenzoic Acid, p-	510-15-6 74-11-3	6.3E+00	2.2E+01	1.2E+05	4.9E+00	1.6E+03 2.3E+03	6.6E+03 9.9E+03			1.3E+03 1.9E+03		

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-06				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	v _o	muta- gen	GI/ABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (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-03	P	3.0E-01	P	V		1		2.9E+02	1.4E+09	6.8E+03	Chlorobenzotrifluoride, 4-	98-56-6					2.3E+02		2.1E+03	2.1E+02	
				4.0E-02	P		V			1		7.3E+02	1.4E+09	1.8E+03	Chlorobutane, 1-	109-69-3					3.1E+03			3.1E+03	
				2.0E-02	P		V			1		1.7E+03	1.4E+09	9.4E+02	Chlorodifluoromethane	75-45-6							4.9E+04	4.9E+04	
										1		1.1E+05	1.4E+09	7.8E+04	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		1		2.5E+03	1.4E+09	2.6E+03	Chloroform	67-66-3	2.2E+01		3.2E-01	3.2E-01	7.8E+02		2.7E+02	2.0E+02	
2.4E+00	C	6.9E-04	C			9.0E-02	I	V		1		1.3E+03	1.4E+09	1.2E+03	Chloromethane	74-87-3							1.1E+02	1.1E+02	
										1		9.3E+03	1.4E+09	5.3E+03	Chloromethyl Methyl Ether	107-30-2	2.9E-01		2.2E-02	2.0E-02					
3.0E-01	P			3.0E-03	P	1.0E-05	X			1	0.1	1.4E+09			Chloronitrobenzene, o-	88-73-3	2.3E+00	8.2E+00		1.8E+00	2.3E+02	9.9E+02	1.4E+04	1.9E+02	
6.3E-03	P			1.0E-03	P	6.0E-04	P			1	0.1	1.4E+09			Chloronitrobenzene, p-	100-00-5	1.1E+02			8.6E+01	7.8E+01	3.3E+02	8.5E+05	6.3E+01	
				5.0E-03	I		V			1		2.2E+04	1.4E+09	1.2E+05	Chlorophenol, 2-	95-57-8					3.9E+02			3.9E+02	
						4.0E-04	C	V		1		6.2E+02	1.4E+09	4.7E+03	Chloropicrin	76-06-2							2.0E+00	2.0E+00	
3.1E-03	C	8.9E-07	C	1.5E-02	I		V			1	0.1	1.4E+09			Chlorothaloniol	1897-45-6	2.2E+02	8.0E+02	4.3E+06	1.8E+02	1.2E+03	4.9E+03		9.5E+02	
				2.0E-02	X		V			1		9.1E+02	1.4E+09	8.1E+03	Chlorotoluene, o-	95-49-8					1.6E+03			1.6E+03	
				2.0E-02	X		V			1	0.1	1.4E+09			Chlorotoluene, p-	106-43-4	2.9E-03	1.0E-02	5.5E+01	2.3E-03	1.6E+04	6.6E+04		1.3E+04	
				2.0E-01	I		V			1	0.1	1.4E+09			Chlorozotocin	54749-90-5									
				1.0E-03	A					1	0.1	1.4E+09			Chlorpyrifos	2921-88-2					7.8E+01	3.3E+02			6.3E+01
				1.0E-02	H					1	0.1	1.4E+09			Chlorpyrifos Methyl	5598-13-0					7.8E+02	3.3E+03			6.3E+02
				5.0E-02	I					1	0.1	1.4E+09			Chlorsulfuron	64902-72-3					3.9E+03	1.6E+04			3.2E+03
				1.0E-02	I					1	0.1	1.4E+09			Chlorthal-dimethyl	1861-32-1					7.8E+02	3.3E+03			6.3E+02
				8.0E-04	H					1	0.1	1.4E+09			Chlorthiophos	60238-56-4					6.3E+01	2.6E+02			5.1E+01
				1.5E+00	I					0.013		1.4E+09			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		0.025		1.4E+09			Chromium(VI)	18540-29-9	3.1E-01		1.6E+01	3.0E-01	2.3E+02		1.4E+05	2.3E+02	
				1.3E-02	I					0.013		1.4E+09			Chromium, Total	7440-47-3									
				1.3E-02	I					0.1		1.4E+09			Clorfentazine	74115-24-5					1.0E+03	4.3E+03			8.2E+02
	9.0E-03	P		3.0E-04	P	6.0E-06	P			1		1.4E+09			Cobalt	7440-48-4			4.2E+02	4.2E+02	2.3E+01		8.5E+03	2.3E+01	
	6.2E-04	I					V	M		1		1.4E+09			Coke/Oven Emissions, Copper	8007-45-2									
				4.0E-02	H					1		1.4E+09			Cresol, m-	7440-50-8					3.1E+03				3.1E+03
				5.0E-02	I	6.0E-01	C			1	0.1	1.4E+09			Cresol, o-	108-39-4					3.9E+03	1.6E+04	8.5E+08	3.2E+03	
				5.0E-02	I	6.0E-01	C			1	0.1	1.4E+09			Cresol, p-	95-48-7					3.9E+03	1.6E+04	8.5E+08	3.2E+03	
				1.0E-01	A	6.0E-01	C			1	0.1	1.4E+09			Cresol, p-chloro-m-	106-44-5					7.8E+03	3.3E+04			6.3E+03
1.9E+00	H			1.0E-01	A	6.0E-01	C			1	0.1	1.4E+09			Cresols	59-50-7					7.8E+03	3.3E+04			6.3E+03
				1.0E-03	P		V			1		1.7E+04	1.4E+09	1.9E+04	Crotonaldehyde, trans-	1319-77-3					7.8E+03	3.3E+04	8.5E+08	6.3E+03	
				1.0E-03	P		V			1		1.7E+04	1.4E+09	1.9E+04	Crotonaldehyde, trans-	123-73-9	3.7E-01			3.7E-01	7.8E+01			7.8E+01	
2.2E-01	C	6.3E-05	C	1.0E-01	I	4.0E-01	I	V		1		2.7E+02	1.4E+09	6.2E+03	Cumene	98-82-8	3.2E+00	1.1E+01	6.1E+04	2.5E+00	7.8E+03		2.6E+03	1.9E+03	
8.4E-01	H			2.0E-03	H					1	0.1	1.4E+09			Cupferron	135-20-6	8.3E-01	2.9E+00		6.5E-01	1.6E+02	6.6E+02		1.3E+02	
				2.0E-03	H					1	0.1	1.4E+09			Cyanazine	21725-46-2									
				1.0E-03	I					1		1.4E+09			Cyanides						7.8E+01			7.8E+01	
				5.0E-03	I					1		1.4E+09			~Calcium Cyanide	592-01-8					3.9E+02				3.9E+02
				6.0E-04	I	8.0E-04	S	V		1		9.7E+05	1.4E+09	3.5E+03	~Cyanide (CN-)	57-12-5					4.7E+01		2.9E+00		2.7E+00
				1.0E-03	I					1		1.4E+09			~Cyanogen	460-19-5					7.8E+01				7.8E+01
				9.0E-02	I					1		1.4E+09			~Cyanogen Bromide	506-68-3					7.0E+03				7.0E+03
				5.0E-02	I					1		1.4E+09			~Cyanogen Chloride	506-77-4					3.9E+03				3.9E+03
				6.0E-04	I	8.0E-04	I	V		1		1.0E+07	1.4E+09	5.2E+04	~Hydrogen Cyanide	74-90-8					4.7E+01		4.4E+01		2.3E+01
				2.0E-03	I					1		1.4E+09			~Potassium Cyanide	151-50-8					1.6E+02				1.6E+02
				5.0E-03	I					0.04		1.4E+09			~Potassium Silver Cyanide	506-61-6					3.9E+02				3.9E+02
				1.0E-01	I					0.04		1.4E+09			~Silver Cyanide	506-64-9					7.8E+03				7.8E+03
				1.0E-03	I					1		1.4E+09			~Sodium Cyanide	143-33-9					7.8E+01				7.8E+01
				2.0E-04	P					1		1.4E+09			~Thiocyanates	NA					1.6E+01				1.6E+01
				2.0E-04	X					1		1.4E+09			~Thiocyanic Acid	463-56-9					1.6E+01				1.6E+01
				5.0E-02	I					1		1.4E+09			~Zinc Cyanide	557-21-1					3.9E+03				3.9E+03
				6.0E+00	I	V				1		1.2E+02	1.4E+09	1.0E+03	Cyclohexane	110-82-7							6.5E+03	6.5E+03	
2.3E-02	H									1	0.1	1.4E+09			Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	3.0E+01	1.1E+02		2.4E+01	3.9E+05		3.0E+04	2.8E+04	
				5.0E+00	I	7.0E-01	P	V		1		5.1E+03	1.4E+09	4.2E+04	Cyclohexanone	108-94-1									
				5.0E-03	P	1.0E+00	X	V		1		2.8E+02	1.4E+09	1.5E+03	Cyclohexene	110-83-8					3.9E+02		1.5E+03	3.1E+02	
				2.0E-01	I					1		2.9E+05	1.4E+09	7.5E+04	Cyclohexylamine	108-91-8					1.6E+04				1.6E+04
				2.5E-02	I					1	0.1	1.4E+09			Cyfluthrin	68359-37-5					2.0E+03	8.2E+03			1.6E+03
				5.0E-03	I	</																			

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-06				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 _i (mg/m ³) ⁻¹	k e	v	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (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-02	C	5.1E-06	C	3.0E-02	I					1	0.1		1.4E+09		Dalapon	75-99-0					2.3E+03	9.9E+03		1.9E+03	
7.0E-04	I		I	1.5E-01	I					1	0.1		1.4E+09		Daminozide	1596-84-5	3.9E+01	1.4E+02	7.5E+05	3.0E+01	1.2E+04	4.9E+04		9.5E+03	
				7.0E-03	I					1	0.1		1.4E+09		Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'-(BDE-209)	1163-19-5	9.9E+02	3.5E+03		7.8E+02	5.5E+02	2.3E+03		4.4E+02	
				4.0E-05	I					1	0.1		1.4E+09		Demeton	8065-48-3					3.1E+00	1.3E+01		2.5E+00	
1.2E-03	I		I	6.0E-01	I					1	0.1		1.4E+09		Di(2-ethylhexyl)adipate	103-23-1	5.8E+02	2.1E+03		4.5E+02	4.7E+04	2.0E+05		3.8E+04	
6.1E-02	H									1	0.1		1.4E+09		Diallate	2303-16-4	1.1E+01	4.1E+01		8.9E+00					
				7.0E-04	A					1	0.1		1.4E+09		Diazinon	333-41-5					5.5E+01	2.3E+02		4.4E+01	
8.0E-01	P	6.0E-03	P	1.0E-02	X					1			1.4E+09	5.2E+05	Dibenzothiophene	132-65-0					7.8E+02			7.8E+02	
				2.0E-04	P	2.0E-04	I	V	M	1		9.8E+02	1.4E+09	3.2E+04	Dibromo-3-chloropropane, 1,2-	96-12-8	1.9E-01		5.4E-03	5.3E-03	1.6E+01		6.7E+00	4.7E+00	
				4.0E-04	X					1		1.6E+02	1.4E+09	1.9E+04	Dibromobenzene, 1,3-	108-36-1					3.1E+01			3.1E+01	
8.4E-02	I			1.0E-02	I					1		1.4E+09	2.2E+04		Dibromobenzene, 1,4-	106-37-6					7.8E+02			7.8E+02	
				2.0E-02	I					1		8.0E+02	1.4E+09	8.0E+03	Dibromochloromethane	124-48-1	8.3E+00			8.3E+00	1.6E+03			1.6E+03	
2.0E+00	I	6.0E-04	I	9.0E-03	I	9.0E-03	I	V		1		1.3E+03	1.4E+09	8.6E+03	Dibromoethane, 1,2-	106-93-4	3.5E-01		4.0E-02	3.6E-02	7.0E+02		8.1E+01	7.3E+01	
										1		2.8E+03	1.4E+09	5.6E+03	Dibromomethane (Methylene Bromide)	74-95-3							2.4E+01	2.4E+01	
				3.0E-04	P					1	0.1		1.4E+09		Dibutyltin Compounds	NA					2.3E+01	9.9E+01		1.9E+01	
				3.0E-02	I					1	0.1		1.4E+09		Dicamba	1918-00-9					2.3E+03	9.9E+03		1.9E+03	
		4.2E-03	P							1		5.5E+02	1.4E+09	3.2E+03	Dichloro-2-butene, 1,4-	764-41-0			2.1E-03	2.1E-03					
		4.2E-03	P							1		5.2E+02	1.4E+09	1.1E+04	Dichloro-2-butene, cis-1,4-	1476-11-5			7.4E-03	7.4E-03					
5.0E-02	I			4.0E-03	I					1	0.1		1.4E+09		Dichloro-2-butene, trans-1,4-	110-57-6			7.4E-03	7.4E-03	3.1E+02	1.3E+03		2.5E+02	
				9.0E-02	I	2.0E-01	H	V		1		3.8E+02	1.4E+09	1.2E+04	Dichloroacetic Acid	79-43-6	1.4E+01	4.9E+01		1.1E+01	7.0E+03		2.4E+03	1.8E+03	
										1		1.4E+09	1.0E+04		Dichlorobenzene, 1,2-	95-50-1					3.1E+02		2.4E+03	2.5E+02	
5.4E-03	C	1.1E-05	C	7.0E-02	A	8.0E-01	I	V		1		1.4E+09	1.0E+04		Dichlorobenzene, 1,4-	106-46-7	1.3E+02		2.7E+00	2.6E+00	5.5E+03		8.7E+03	3.4E+03	
4.5E-01	I	3.4E-04	C							1	0.1		1.4E+09		Dichlorobenzidine, 3,3'-	91-94-1	1.5E+00	5.5E+00	1.1E+04	1.2E+00					
				9.0E-03	X					1	0.1		1.4E+09		Dichlorobenzophenone, 4,4'-	90-98-2					7.0E+02	3.0E+03		5.7E+02	
				2.0E-01	I	1.0E-01	X	V		1		8.5E+02	1.4E+09	8.4E+02	Dichlorodifluoromethane	75-71-8					1.6E+04		8.8E+01	8.7E+01	
5.7E-03	C	1.6E-06	C	2.0E-01	P					1		1.7E+03	1.4E+09	2.1E+03	Dichloroethane, 1,1-	75-34-3	1.2E+02		3.7E+00	3.6E+00	1.6E+04			1.6E+04	
9.1E-02	I	2.6E-05	I	6.0E-03	X	7.0E-03	P	V		1		3.0E+03	1.4E+09	4.6E+03	Dichloroethane, 1,2-	107-06-2	7.6E+00		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		1.2E+03	1.4E+09	1.2E+03	Dichloroethylene, 1,1-	75-35-4					3.9E+03		2.4E+02	2.3E+02	
				2.0E-03	I					1		2.4E+03	1.4E+09	2.5E+03	Dichloroethylene, 1,2 cis-	156-59-2					1.6E+02			1.6E+02	
				2.0E-02	I					1		1.9E+03	1.4E+09	1.8E+03	Dichloroethylene, 1,2 trans-	156-60-5					1.6E+03			1.6E+03	
				3.0E-03	I					1	0.1		1.4E+09		Dichlorophenol, 2,4-	120-83-2					2.3E+02	9.9E+02		1.9E+02	
				1.0E-02	I					1	0.05		1.4E+09		Dichlorophenoxy Acetic Acid, 2,4-	94-75-7					7.8E+02	6.6E+03		7.0E+02	
				8.0E-03	I					1	0.1		1.4E+09		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		1.4E+03	1.4E+09	3.8E+03	Dichloropropane, 1,2-	78-87-5	1.9E+01		1.1E+00	1.0E+00	7.0E+03		1.6E+01	1.6E+01	
				2.0E-02	P					1		1.5E+03	1.4E+09	6.8E+03	Dichloropropane, 1,3-	142-28-9					1.6E+03			1.6E+03	
				3.0E-03	I					1	0.1		1.4E+09		Dichloropropional, 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		1.6E+03	1.4E+09	3.6E+03	Dichloropropene, 1,3-	542-75-6	7.0E+00		2.5E+00	1.8E+00	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	V		1	0.1		1.4E+09		Dichlorpyos	62-73-7	2.4E+00	8.5E+00	4.6E+04	1.9E+00	3.9E+01	1.6E+02	7.1E+05		3.2E+01
				1.0E-04	I					1	0.1		1.4E+09		Dicrotophos	141-66-2					7.8E+00	3.3E+01		6.3E+00	
1.6E+01	I	4.6E-03	I	8.0E-02	P	3.0E-04	X	V		1		2.6E+02	1.4E+09	4.1E+03	Dicyclopentadiene	77-73-6	4.3E-02	1.5E-01	8.3E+02	3.4E-02	6.3E+03		1.3E+00	1.3E+00	
		3.0E-04	C	5.0E-05	I	5.0E-03	I	V		1	0.1		1.4E+09		Dieldrin	60-57-1					3.9E+00	1.6E+01		3.2E+00	
				2.0E-03	P	2.0E-04	P			1	0.1		1.4E+09		Diesel Engine Exhaust	NA									
				3.0E-02	P	1.0E-04	P			1	0.1		1.4E+09		Diethanolamine	111-42-2					1.6E+02	6.6E+02	2.8E+05		1.3E+02
				6.0E-02	P	3.0E-04	P			1	0.1		1.4E+09		Diethylene Glycol Monobutyl Ether	112-34-5					2.3E+03	9.9E+03	1.4E+05		1.9E+03
				1.0E-03	P					1		1.1E+05	1.4E+09	1.4E+05	Diethylene Glycol Monoethyl Ether	111 90 0					4.7E+03	2.0E+04	4.3E+05		3.8E+03
3.5E+02	C	1.0E-01	C	1.0E-03	P					1	0.1		1.4E+09		Diethylformamide	617-84-5					7.8E+01			7.8E+01	
				8.0E-02	I					1	0.1		1.4E+09		Diethylstilbestrol	56-53-1	2.0E-03	7.1E-03	3.8E+01	1.6E-03	6.3E+03	2.6E+04		5.1E+03	
										1	0.1		1.4E+09		Difenzoquat	43222-48-6									
4.4E-02	C	1.3E-05	C	2.0E-02	I					1	0.1		1.4E+09		Diffubenzuron	35367-38-5					1.6E+03	6.6E+03		4.8E+04	
										1		1.4E+03	1.4E+09	1.2E+03	Difluoroethane, 1,1-	75-37-6	1.6E+01		2.7E+01	9.9E+00					
										1		1.4E+09	1.2E+05		Dihydrosafrole	94-58-6									
				7.0E-01	P					1		2.3E+03	1.4E+09	3.1E+03	Diisopropyl Ether	108-20-3							2.2E+03	2.2E+03	
				8.0E-02	I					1		5.3E+02	1.4E+09	3.8E+04	Diisopropyl Methylphosphonate	1445-75-6					6.3E+03			6.3E+03	
				2.0E-02	I					1	0.1		1.4E+09		Dimethipin	55290-64-7					1.6E+03	6.6E+03			

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-06				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 _i (mg/m ³)	k _e (y)	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (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)	
5.5E+02	C	1.6E-01	C	2.0E-02	I	V	1	1	1.9E+05	1.4E+09	1.7E+05			Dimethylhydrazine, 1,2-Dimethylphenol, 2,4-	540-73-8 105-67-9	1.3E-03		2.9E-03	8.8E-04	1.6E+03	6.6E+03		1.3E+03	
				6.0E-04	I		1	0.1		1.4E+09				Dimethylphenol, 2,6-Dimethylphenol, 3,4-Dimethylvinylchloride	576-26-1 95-65-8 513-37-1				4.7E+01	2.0E+02		3.8E+01		
4.5E-02	C	1.3E-05	C	1.0E-03	I	V	1	1	1.3E+03	1.4E+09	9.5E+02					1.5E+01		2.1E-01	2.0E-01	7.8E+01	3.3E+02		6.3E+01	
				8.0E-05	X		1	0.1		1.4E+09				Dinitro-o-cresol, 4,6-Dinitro-o-cyclohexyl Phenol, 4,6-Dinitrobenzene, 1,2-Dinitrobenzene, 1,3-Dinitrobenzene, 1,4-Dinitrophenol, 2,4-Dinitrotoluene Mixture, 2,4/2,6-Dinitrotoluene, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, 2-Amino-4,6-Dinitrotoluene, 4-Amino-2,6-Dinitrotoluene, Technical grade	534-52-1 131-89-5 528-29-0 99-65-0 100-25-4 51-28-5				6.3E+00	2.6E+01		5.1E+00		
6.8E-01	I			2.0E-03	I		1	0.1		1.4E+09					NA	1.0E+00	3.6E+00	4.3E+04	8.0E-01	1.6E+02	6.5E+02		1.3E+02	
3.1E-01	C	8.9E-05	C	2.0E-03	I		1	0.102		1.4E+09				Dinitrotoluene, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, 2-Amino-4,6-Dinitrotoluene, Technical grade	121-14-2 606-20-2	2.2E+00	7.8E+00	3.6E-01	1.7E+00	2.3E+01	1.0E+02		1.9E+01	
1.5E+00	P			3.0E-04	X		1	0.099		1.4E+09						4.6E-01	1.7E+00		6.6E-01	5.5E+00	3.0E+02		5.7E+01	
4.5E-01	X			2.0E-03	S		1	0.006		1.4E+09						1.5E+00	5.5E+00		1.6E+02	1.1E+04	3.0E+02		1.5E+02	
				2.0E-03	S		1	0.009		1.4E+09									1.6E+02	7.3E+03	3.0E+02		1.5E+02	
				9.0E-04	X		1	0.1		1.4E+09									7.0E+01	3.0E+02			5.7E+01	
1.0E-01	I	5.0E-06	I	1.0E-03	I	3.0E-02	I	V	1	1	1.2E+05	1.4E+09	4.0E+04	Dinoseb Dioxane, 1,4-Dioxins	88-85-7 123-91-1	7.0E+00		2.2E+01	5.3E+00	7.8E+01	3.3E+02		6.3E+01	
				3.0E-02	I		1	0.1		1.4E+09									2.3E+03		1.2E+03		8.1E+02	
6.2E+03	I	1.3E+00	I	7.0E-10	I	4.0E-08	C	V	1	0.03		1.4E+09	2.0E+06	^{2,3,7,8} -TCD, 2,3,7,8-Diphenamid	NA 1746-01-6	1.1E-04	1.3E-03	2.9E+00	1.0E-04	5.5E-05	7.7E-04	8.2E-02	5.1E-05	
1.3E+05	C	3.8E+01	C	3.0E-02	I		1	0.1		1.4E+09						5.3E-06	6.3E-05	1.4E-04	4.8E-06	2.3E+03	9.9E+03		1.9E+03	
				8.0E-04	X		1	0.1		1.4E+09				Diphenyl Sulfone Diphenylamine Dimethylhydrazine, 1,2-Diphenylhydrazine	127-63-9 122-39-4 122-66-7				6.3E+01	2.6E+02		5.1E+01		
8.0E-01	I	2.2E-04	I	2.5E-02	I		1	0.1		1.4E+09						8.7E-01	3.1E+00	1.7E+04	6.8E-01	2.0E+03	8.2E+03		1.6E+03	
				2.2E-03	I		1	0.1		1.4E+09				Diquat Direct Black 38 Direct Blue 6	85-00-7 1937-37-7 2602-46-2	9.8E-02	3.5E-01	2.7E+01	7.6E-02	1.7E+02	7.3E+02		1.4E+02	
7.1E+00	C	1.4E-01	C	1.0E-02	I		1	0.1		1.4E+09						9.4E-02	3.3E-01	2.7E+01	7.3E-02					
7.4E+00	C	1.4E-01	C	1.0E-02	I		1	0.1		1.4E+09														
6.7E+00	C	1.4E-01	C	4.0E-05	I		1	0.1		1.4E+09				Direct Brown 95 Disulfoton Dithiane, 1,4-Diuron	16071-86-6 298-04-4 505-29-3	1.0E-01	3.7E-01	2.7E+01	8.1E-02	3.1E+00	1.3E+01		2.5E+00	
				1.0E-02	I	V	1	0.1		1.4E+09	4.5E+04									7.8E+02			7.8E+02	
				2.0E-03	I		1	0.1		1.4E+09				Diuron EPTC EPTC	330-54-1 2439-10-3 759-94-4					1.6E+02	6.6E+02		1.3E+02	
				4.0E-03	I		1	0.1		1.4E+09										3.1E+02	1.3E+03		2.5E+02	
				2.5E-02	I	V	1	0.1		1.4E+09	1.2E+05									2.0E+03			2.0E+03	
				6.0E-03	I	V	1	0.1		1.4E+09	4.1E+05			Endosulfan Endothall Endrin	115-29-7 145-73-3 72-20-8					4.7E+02	6.6E+03		4.7E+02	
				2.0E-02	I		1	0.1		1.4E+09										1.6E+03	6.6E+03		1.3E+03	
				3.0E-04	I		1	0.1		1.4E+09										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	1.1E+04	1.4E+09	1.9E+04		Epichlorohydrin Epoxybutane, 1,2-Ethanol, 2-(2-methoxyethoxy)-	106-89-8 106-88-7 111-77-3	7.0E+01		4.4E+01	2.7E+01	4.7E+02		2.0E+01	1.9E+01	
				2.0E-02	I	V	1	0.1		1.5E+04	1.4E+09	7.7E+03								1.6E+02			1.6E+02	
				4.0E-02	P		1	0.1		1.4E+09										3.1E+03	1.3E+04		2.5E+03	
				5.0E-03	I		1	0.1		1.4E+09				Ethephon Ethion	16672-87-0 563-12-2					3.9E+02	1.6E+03		3.2E+02	
				5.0E-04	I		1	0.1		1.4E+09										3.9E+01	1.6E+02		3.2E+01	
				1.0E-01	P	6.0E-02	P	V	1	2.4E+04	1.4E+09	6.2E+04		Ethoxyethanol Acetate, 2-Ethoxyethanol, 2-Ethoxyethanol, 2-Ethyl Acetate Ethyl Acrylate	111-15-9 110-80-5 141-78-6 140-88-5				7.8E+03		3.8E+03	2.6E+03		
				9.0E-02	P	2.0E-01	I	V	1	1.1E+05	1.4E+09	9.8E+04								7.0E+03		2.1E+04	5.2E+03	
				9.0E-01	I	7.0E-02	P	V	1	1.1E+04	1.4E+09	8.6E+03								7.0E+04		6.3E+02	6.2E+02	
				5.0E-03	P	8.0E-03	P	V	1	2.5E+03	1.4E+09	6.3E+03								3.9E+02		5.3E+01	4.7E+01	
				1.0E+01	I	V	1	0.1		2.1E+03	1.4E+09	1.3E+03		Ethyl Chloride (Chloroethane) Ethyl Ether	75-00-3 60-29-7					1.6E+04		1.4E+04	1.4E+04	
				2.0E-01	I	V	1	0.1		1.0E+04	1.4E+09	3.1E+03											1.6E+04	
				3.0E-01	P	V	1	0.1		1.1E+03	1.4E+09	5.8E+03		Ethyl Methacrylate	97-63-2							1.8E+03		1.8E+03
1.1E-02	C	2.5E-06	C	1.0E-05	I		1	0.1		1.4E+09				Ethyl-p-nitrophenyl Phosphonate Ethylbenzene Ethylene Cyanohydrin	2104-64-5 100-41-4 109-78-4	6.3E+01		6.4E+00	5.8E+00	7.8E-01	3.3E+00		6.3E-01	
				1.0E-01	I	1.0E+00	I	V	1	4.8E+02	1.4E+09	5.7E+03								7.8E+03		5.9E+03	3.4E+03	
				7.0E-02	P		1	0.1		1.4E+09										5.5E+03	2.3E+04		4.4E+03	
				9.0E-02	P	V	1	0.1		1.9E+05	1.4E+09	1.8E+05		Ethylene Diamine Ethylene Glycol Ethylene Glycol Monobutyl Ether	107-15-3 107-21-1 111-76-2					7.0E+03			7.0E+03	
				2.0E+00	I	4.0E-01	C		1	0.1		1.4E+09								1.6E+05	6.6E+05	5.7E+08	1.3E+05	
				1.0E-01	I	1.6E+00	I		1	0.1		1.4E+09								7.8E+03	3.3E+04	2.3E+09	6.3E+03	
3.1E-01	C	8.8E-05	C	3.0E-02	C	V	1	1.2E+05	1.4E+09	6.1E+03				Ethylene Oxide Ethylene Thiourea Ethyleneimine	75-21-8 96-45-7 151-56-4	2.2E+00	1.9E-01	1.8E-01		6.3E+00	2.6E+01	1.9E+02	1.9E+02	
4.5E-02	C	1.3E-05	C	8.0E-05	I		1	0.1		1.4E+09										1.5E+01	5.5E+01	2.9E+05	1.2E+01	
6.5E+01	C	1.9E-02	C	1.0E-01	I	V	1	1.5E+05	1.4E+09	2.4E+04									1.1E-02	3.5E-03	2.7E-03		5.1E+00	
				3.0E+00	I		1	0.1		1.4E+09				Ethylphthalyl Ethyl Glycolate Fenamiphos Fenpropathrin	84-72-0 22224-92-6 39515-41-8					2.3E+05	9.9E+05		1.9E+05	
				2.5E-04	I		1	0.1		1.4E+09										2.0E+01	8.2E+01		1.6E+01	
				2.5E-02	I		1	0.1		1.4E+09										2.0E+03	8.2E+03		1.6E+03	
				2.5E-02	I		1	0.1		1.4E+09				Fenvalerate Fluometuron	51630-58-1 2164-17-2					2.0E+03	8.2E+03		1.6E+03	
				1.3E-02	I		1	0.1		1.4E+09										1.0E+03	4.3E+03		8.2E+02	

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-06				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 _v (y)	muta- gen	GI/ABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (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	C	1.3E-02	C		1				1.4E+09	Fluoride	16984-48-8					3.1E+03		1.8E+07	3.1E+03	
				6.0E-02	I	1.3E-02	C		1				1.4E+09	Fluorine (Soluble Fluoride)	7782-41-4					4.7E+03		1.8E+07	4.7E+03	
				8.0E-02	I				1	0.1			1.4E+09	Fluridone	59756-60-4					6.3E+03	2.6E+04		5.1E+03	
				2.0E-02	I				1	0.1			1.4E+09	Flurprimidol	56425-91-3					1.6E+03	6.6E+03		1.3E+03	
				7.0E-04	I				1	0.1			1.4E+09	Flusilazole	85509-19-9					5.5E+01	2.3E+02		4.4E+01	
				6.0E-02	I				1	0.1			1.4E+09	Flutolanil	66332-96-5					4.7E+03	2.0E+04		3.8E+03	
				1.0E-02	I				1	0.1			1.4E+09	Fluvalinate	69409-94-5					7.8E+02	3.3E+03		6.3E+02	
3.5E-03	I			1.0E-01	I				1	0.1			1.4E+09	Folpet	133-07-3	2.0E+02	7.1E+02		1.6E+02	7.8E+03	3.3E+04		6.3E+03	
1.9E-01	I								1	0.1			1.4E+09	Fomesafen	72178-02-0	3.7E+00	1.3E+01		2.9E+00					
				2.0E-03	I				1	0.1			1.4E+09	Fonofos	944-22-9					1.6E+02	6.6E+02		1.3E+02	
		1.3E-05	I	2.0E-01	I	9.8E-03	A	V	1		4.2E+04	1.4E+09	7.8E+04	Formaldehyde	50-00-0			1.7E+01	1.7E+01	1.6E+04		8.0E+02	7.6E+02	
				9.0E-01	P	3.0E-04	X	V	1		1.1E+05	1.4E+09	9.3E+04	Formic Acid	64-18-6					7.0E+04		2.9E+01	2.9E+01	
				3.0E+00	I				1	0.1			1.4E+09	Fosetyl-AL	39148-24-8					2.3E+05	9.9E+05		1.9E+05	
				1.0E-03	X				1	0.03		1.4E+09	2.0E+05	Furans										
				1.0E-03	I				1	0.03	6.2E+03	1.4E+09	2.6E+03	~Dibenzofuran	132-64-9					7.8E+01	1.1E+03		7.3E+01	
									1	0.03	6.2E+03	1.4E+09	2.6E+03	~Furan	110-00-9					7.8E+01	1.1E+03		7.3E+01	
3.8E+00	H			9.0E-01	I	2.0E+00	I	V	1	0.03	1.7E+05	1.4E+09	1.2E+04	~Tetrahydrofuran	109-99-9					7.0E+04	9.9E+05	2.5E+04	1.8E+04	
				3.0E-03	I	5.0E-02	H	V	1	0.1	1.0E+04	1.4E+09	4.9E+04	Furazolidone	67-45-8	1.8E-01	6.5E-01		1.4E-01	2.3E+02		2.5E+03	2.1E+02	
									1	0.1			1.4E+09	Furfural	98-01-1									
1.5E+00	C	4.3E-04	C						1	0.1			1.4E+09	Furium	531-82-8	4.6E-01	1.6E+00	8.9E+03	3.6E-01					
3.0E-02	I	8.6E-06	C						1	0.1			1.4E+09	Furmecyclox	60568-05-0	2.3E+01	8.2E+01	4.4E+05	1.8E+01					
				4.0E-04	I				1	0.1			1.4E+09	Glufosinate, Ammonium	77182-82-2					3.1E+01	1.3E+02		2.5E+01	
						8.0E-05	C		1	0.1			1.4E+09	Glutaraldehyde	111-30-8							1.1E+05	1.1E+05	
				4.0E-04	I	1.0E-03	H	V	1		1.1E+05	1.4E+09	8.4E+04	Glycidyl	765-34-4					3.1E+01		8.8E+01	2.3E+01	
				1.0E-01	I				1	0.1			1.4E+09	Glyphosate	1071-83-6					7.8E+03	3.3E+04		6.3E+03	
				1.0E-02	X			V	1			1.4E+09	1.5E+05	Guanidine	113-00-8					7.8E+02			7.8E+02	
				2.0E-02	P				1	0.1			1.4E+09	Guanidine Chloride	50-01-1					1.6E+03	6.6E+03		1.3E+03	
				5.0E-05	I				1	0.1			1.4E+09	Haloxypol, Methyl	69806-40-2					3.9E+00	1.6E+01		3.2E+00	
4.5E+00	I	1.3E-03	I	5.0E-04	I			V	1				1.4E+09	4.8E+05	Heptachlor	76-44-8	1.5E-01	1.0E+00	1.3E-01	3.9E+01			3.9E+01	
9.1E+00	I	2.6E-03	I	1.3E-05	I			V	1				1.4E+09	8.4E+05	Heptachlor Epoxide	1024-57-3	7.6E-02	9.1E-01	7.0E-02	1.0E+00			1.0E+00	
				2.0E-03	I			V	1				1.4E+09	3.8E+05	Hexabromobenzene	87-82-1				1.6E+02			1.6E+02	
				2.0E-04	I				1	0.1			1.4E+09	Hexabromodiphenyl ether, 2,2',4,4',5,5'-(BDE-153)	68631-49-2					1.6E+01	6.6E+01		1.3E+01	
1.6E+00	I	4.6E-04	I	8.0E-04	I			V	1				1.4E+09	6.8E+04	Hexachlorobenzene	118-74-1	4.3E-01		4.1E-01	2.1E-01	6.3E+01			6.3E+01
7.8E-02	I	2.2E-05	I	1.0E-03	P			V	1		1.7E+01	1.4E+09	1.1E+04	Hexachlorobutadiene	87-68-3	8.9E+00		1.4E+00	1.2E+00	7.8E+01			7.8E+01	
6.3E+00	I	1.8E-03	I	8.0E-03	A				1	0.1			1.4E+09	Hexachlorocyclohexane, Alpha	319-84-6	1.1E-01	3.9E-01	2.1E+03	8.6E-02	6.3E+02	2.6E+03		5.1E+02	
1.8E+00	I	5.3E-04	I	3.0E-04	I				1	0.1			1.4E+09	Hexachlorocyclohexane, Beta	319-85-7	3.9E-01	1.4E+00	7.2E+03	3.0E-01					
1.1E+00	C	3.1E-04	C	3.0E-04	I				1	0.04			1.4E+09	Hexachlorocyclohexane, Gamma (Lindane)	58-89-9	6.3E-01	5.6E+00	1.2E+04	5.7E-01	2.3E+01	2.5E+02		2.1E+01	
1.8E+00	I	5.1E-04	I						1	0.1			1.4E+09	Hexachlorocyclohexane, Technical	608-73-1	3.9E-01	1.4E+00	7.5E+03	3.0E-01					
				6.0E-03	I	2.0E-04	I	V	1		1.6E+01	1.4E+09	8.5E+03	Hexachlorocyclopentadiene	77-47-4					4.7E+02		1.8E+00	1.8E+00	
4.0E-02	I	1.1E-05	C	7.0E-04	I	3.0E-02	I	V	1				1.4E+09	8.0E+03	Hexachloroethane	67-72-1	1.7E+01		2.0E+00	1.8E+00	5.5E+01		2.5E+02	4.5E+01
				3.0E-04	I				1	0.1			1.4E+09	Hexachlorophene	70-30-4					2.3E+01	9.9E+01		1.9E+01	
1.1E-01	I			3.0E-03	I				1	0.015			1.4E+09	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4	6.3E+00	1.5E+02		6.1E+00	2.3E+02	6.6E+03		2.3E+02	
						1.0E-05	I	V	1		3.4E+03	1.4E+09	3.0E+05	Hexamethylene Diisocyanate, 1,6-	822-06-0							3.1E+00	3.1E+00	
				4.0E-04	P				1	0.1			1.4E+09	Hexamethylphosphoramide	680-31-9					3.1E+01	1.3E+02		2.5E+01	
						7.0E-01	I	V	1		1.4E+02	1.4E+09	8.3E+02	Hexane, N-Hexanedioic Acid	110-54-3					1.6E+05	6.6E+05	6.1E+02	6.1E+02	
				2.0E+00	P				1	0.1			1.4E+09	Hexane, N-Hexanedioic Acid	124-04-9								1.3E+05	
				5.0E-03	I	3.0E-02	I	V	1		3.3E+03	1.4E+09	1.3E+04	Hexanone, 2-	591-78-6					3.9E+02		4.2E+02	2.0E+02	
				3.3E-02	I				1	0.1			1.4E+09	Hexazinone	51235-04-2					2.6E+03	1.1E+04		2.1E+03	
				2.5E-02	I				1	0.1			1.4E+09	Hexythiazox	78587-05-0					2.0E+03	8.2E+03		1.6E+03	
				3.0E-04	I				1	0.1			1.4E+09	Hydramethylnon	67485-29-4					2.3E+01	9.9E+01		1.9E+01	
3.0E+00	I	4.9E-03	I			3.0E-05	P	V	1				1.4E+09	Hydrazine	302-01-2	2.3E-01		7.8E+02	2.3E-01			4.3E+04	4.3E+04	
3.0E+00	I	4.9E-03	I						1				1.4E+09	Hydrazine Sulfate	10034-93-2	2.3E-01		7.8E+02	2.3E-01					
						2.0E-02	I	V	1				1.4E+09	Hydrogen Chloride	7647-01-0							2.8E+07	2.8E+07	
				4.0E-02	C	1.4E-02	C	V	1				1.4E+09	Hydrogen Fluoride	7664-39-3					3.1E+03		2.0E+07	3.1E+03	
						2.0E-03	I	V	1				1.4E+09	Hydrogen Sulfide	7783-06-4							2.8E+06	2.8E+06	
6.0E-02	P			4.0E-02	P				1	0.1			1.4E+09	Hydroquinone	123-31-9	1.2E+01	4.1E+01		9.0E+00	3.1E+03	1.3E+04		2.5E+03	
				1.3E-02	I				1	0.1			1.4E+09	Imazalil	35554-44-0									

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-06				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 _i (mg/m ³)	k _v	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (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)
				1.5E-02	I		V		1			1.4E+09	4.2E+05	Isopropalin	33820-53-0					1.2E+03			1.2E+03
				2.0E+00	P	2.0E-01	P	V			1.1E+05	1.4E+09	2.8E+04	Isopropanol	67-63-0					1.6E+05		5.8E+03	5.6E+03
				1.0E-01	I				1	0.1		1.4E+09		Isopropyl Methyl Phosphonic Acid	1832-54-8					7.8E+03	3.3E+04		6.3E+03
				5.0E-02	I				1	0.1		1.4E+09		Isoxaben	82558-50-7					3.9E+03	1.6E+04		3.2E+03
				2.0E-03	I	3.0E-01	A	V				1.4E+09		JP-7	NA							4.3E+08	4.3E+08
									1	0.1		1.4E+09		Lactofen	77501-63-4					1.6E+02	6.6E+02		1.3E+02
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C		M	0.025		1.4E+09		Lead Compounds									
8.5E-03	C	1.2E-05	C									1.4E+09		~Lead Chromate	7758-97-6	3.1E-01		9.2E+00	3.0E-01	1.6E+03		2.8E+05	1.6E+03
												1.4E+09		~Lead Phosphate	7446-27-7	8.2E+01		3.2E+05	8.2E+01				
2.8E-01	C	8.0E-05	C									1.4E+09		~Lead acetate	301-04-2	2.5E+00	8.8E+00	4.8E+04	1.9E+00				
8.5E-03	C	1.2E-05	C									1.4E+09		~Lead and Compounds	7439-92-1								4.0E+02
												1.4E+09		~Lead subacetate	1335-32-6	8.2E+01	2.9E+02	3.2E+05	6.4E+01				
				1.0E-07	I		V		1		2.4E+00	1.4E+09	1.9E+03	~Tetraethyl Lead	78-00-2					7.8E-03			7.8E-03
				5.0E-06	P		V		1		3.8E+02	1.4E+09	2.6E+04	Lewisite	541-25-3					3.9E-01			3.9E-01
				2.0E-03	I				1	0.1		1.4E+09		Linuron	330-55-2					1.6E+02	6.6E+02		1.3E+02
				2.0E-03	P				1			1.4E+09		Lithium	7439-93-2					1.6E+02			1.6E+02
				5.0E-04	I				1	0.1		1.4E+09		MCPA	94-74-6					3.9E+01	1.6E+02		3.2E+01
				1.0E-02	I				1	0.1		1.4E+09		MCPB	94-81-5					7.8E+02	3.3E+03		6.3E+02
				1.0E-03	I				1	0.1		1.4E+09		MCPB	93-65-2					7.8E+01	3.3E+02		6.3E+01
				2.0E-02	I				1	0.1		1.4E+09		Malathion	121-75-5					1.6E+03	6.6E+03		1.3E+03
				1.0E-01	I	7.0E-04	C		1	0.1		1.4E+09		Maleic Anhydride	108-31-6					7.8E+03	3.3E+04	9.9E+05	6.3E+03
				5.0E-01	I				1	0.1		1.4E+09		Maleic Hydrzide	123-33-1					3.9E+04	1.6E+05		3.2E+04
				1.0E-04	P				1	0.1		1.4E+09		Malononitrile	109-77-3					7.8E+00	3.3E+01		6.3E+00
				3.0E-02	H				1	0.1		1.4E+09		Mancozeb	8018-01-7					2.3E+03	9.9E+03		1.9E+03
				5.0E-03	I				1	0.1		1.4E+09		Maneb	12427-38-2					3.9E+02	1.6E+03		3.2E+02
				1.4E-01	I	5.0E-05	I		1			1.4E+09		Manganese (Diet)	7439-96-5								
				2.4E-02	S	5.0E-05	I		0.04			1.4E+09		Manganese (Non-diet)	7439-96-5					1.9E+03		7.1E+04	1.8E+03
				9.0E-05	H				1	0.1		1.4E+09		Mephofelan	950-10-7					7.0E+00	3.0E+01		5.7E+00
				3.0E-02	I				1	0.1		1.4E+09		Mepiquat Chloride	24307-26-4					2.3E+03	9.9E+03		1.9E+03
				3.0E-04	I	3.0E-04	S		0.07			1.4E+09		Mercury Compounds									
						3.0E-04	I	V	1		3.1E+00	1.4E+09	3.5E+04	~Mercuric Chloride (and other Mercury salts)	7487-94-7					2.3E+01		4.3E+05	2.3E+01
				1.0E-04	I				1			1.4E+09		~Mercury (elemental)	7439-97-6					7.8E+00		1.1E+01	1.1E+01
									1			1.4E+09		~Methyl Mercury	22967-92-6								7.8E+00
				8.0E-05	I				1	0.1		1.4E+09		~Phenylmercuric Acetate	62-38-4					6.3E+00	2.6E+01		5.1E+00
				3.0E-05	I		V		1			1.4E+09	1.9E+06	Merphos	150-50-5					2.3E+00			2.3E+00
				3.0E-05	I				1	0.1		1.4E+09		Merphos Oxide	78-48-8					2.3E+00	9.9E+00		1.9E+00
				6.0E-02	I				1	0.1		1.4E+09		Metakalyl	57837-19-1					4.7E+03	2.0E+04		3.8E+03
				1.0E-04	I	3.0E-02	P	V	1		4.6E+03	1.4E+09	6.8E+03	Methacrylonitrile	126-98-7					7.8E+00		2.1E+02	7.5E+00
				5.0E-05	I				1	0.1		1.4E+09		Methamidophos	10265-92-6					3.9E+00	1.6E+01		3.2E+00
				2.0E+00	I	2.0E+01	I	V	1		1.1E+05	1.4E+09	2.9E+04	Methanol	67-56-1					1.6E+05		6.1E+05	1.2E+05
				1.0E-03	I				1	0.1		1.4E+09		Methidathion	950-37-8					7.8E+01	3.3E+02		6.3E+01
				2.5E-02	I				1	0.1		1.4E+09		Methomyl	16752-77-5					2.0E+03	8.2E+03		1.6E+03
4.9E-02	C	1.4E-05	C						1	0.1		1.4E+09		Methoxy-5-nitroaniline, 2-	99-59-2	1.4E+01	5.0E+01	2.7E+05	1.1E+01				
				5.0E-03	I				1	0.1		1.4E+09		Methoxychlor	72-43-5					3.9E+02	1.6E+03		3.2E+02
				8.0E-03	P	1.0E-03	P	V	1		1.2E+05	1.4E+09	1.2E+05	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		1.1E+05	1.4E+09	1.0E+05	Methoxyethanol, 2-	109-86-4					3.9E+02		2.1E+03	3.3E+02
				1.0E+00	X				1		2.9E+04	1.4E+09	8.1E+03	Methyl Acetate	79-20-9					7.8E+04			7.8E+04
						2.0E-02	P	V	1		6.8E+03	1.4E+09	7.0E+03	Methyl Acrylate	96-33-3							1.5E+02	1.5E+02
				6.0E-01	I	5.0E+00	I	V	1		2.8E+04	1.4E+09	1.2E+04	Methyl Ethyl Ketone (2-Butanone)	78-93-3					4.7E+04		6.4E+04	2.7E+04
		1.0E-03	X			2.0E-05	X	V	1		1.8E+05	1.4E+09	5.0E+04	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	1		3.4E+03	1.4E+09	1.1E+04	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1							3.3E+04	3.3E+04
				1.0E-03	C		V		1		1.0E+04	1.4E+09	4.4E+03	Methyl Isocyanate	624-83-9					1.1E+05		4.6E+00	4.6E+00
				1.4E+00	I	7.0E-01	I	V	1		2.4E+03	1.4E+09	6.3E+03	Methyl Methacrylate	80-62-6					2.0E+01	8.2E+01	4.6E+03	4.4E+03
				2.5E-04	I				1	0.1		1.4E+09		Methyl Parathion	298-00-0								1.6E+01
				6.0E-02	X				1	0.1		1.4E+09		Methyl Phosphonic Acid	993-13-5					4.7E+03	2.0E+04		3.8E+03
				6.0E-03	H	4.0E-02	H	V	1		3.9E+02	1.4E+09	2.4E+04	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	0.1		1.4E+09		Methyl methanesulfonate	66-27-3	7.0E+00	2.5E+01	1.4E+05	5.5E+00				
1.8E-03	C	2.6E-07	C			3.0E+00	I	V	1		8.9E+03	1.4E+09	4.9E+03	Methyl tert-Butyl Ether (MTBE)	1634-04-4	3.9E+02		5.3E+01	4.7E+01			1.5E+04	1.5E+04
				3.0E-04	X				1	0.1		1.4E+09		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	0.1		1.4E+09		Methyl-5-Nitroaniline, 2-									

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-06				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 _i (mg/m ³) ⁻¹	k _e	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (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	X			3.0E-04	X				1	0.1		1.4E+09		Methylbenzene-1,4-diamine sulfate, 2-	615-50-9	7.0E+00	2.5E+01	2.2E+02	5.4E+00	2.3E+01	9.9E+01		1.9E+01	
2.2E+01	C	6.3E-03	C					M	1	0.1		1.4E+09		Methylcholanthrene, 3-	56-49-5	7.0E-03	2.7E-02		5.5E-03					
2.0E-03	I	1.0E-08	I	6.0E-03	I	6.0E-01	I	V	M	1	3.3E+03	1.4E+09	2.2E+03	Methylene Chloride	75-09-2	7.7E+01		2.2E+02	5.7E+01	4.7E+02		1.4E+03	3.5E+02	
1.0E-01	P	4.3E-04	C	2.0E-03	P				M	1	0.1	1.4E+09		Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	1.5E+00	6.0E+00	3.2E+03	1.2E+00	1.6E+02	6.6E+02		1.3E+02	
4.6E-02	I	1.3E-05	C						1	0.1		1.4E+09		Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	1.5E+01	5.4E+01	2.9E+05	1.2E+01					
1.6E+00	C	4.6E-04	C			2.0E-02	C		1	0.1		1.4E+09		Methylenebisbenzenamine, 4,4'-	101-77-9	4.3E-01	1.5E+00	8.3E+03	3.4E-01			2.8E+07	2.8E+07	
				7.0E-02	H	6.0E-04	I		1	0.1		1.4E+09		Methylenediphenyl Diisocyanate	101-68-8					5.5E+03		8.5E+05	8.5E+05	
								V	1		5.0E+02	1.4E+09	1.3E+04	Methylstyrene, Alpha-	98-83-9								5.5E+03	
				1.5E-01	I				1	0.1		1.4E+09		Metolachlor	51218-45-2					1.2E+04	4.9E+04		9.5E+03	
				2.5E-02	I				1	0.1		1.4E+09		Metribuzin	21087-64-9					2.0E+03	8.2E+03		1.6E+03	
				2.5E-01	I				1	0.1		1.4E+09		Metsulfuron-methyl	74223-64-6					2.0E+04	8.2E+04		1.6E+04	
1.8E+01	C	5.1E-03	C	3.0E+00	P			V	1		3.4E-01	1.4E+09	1.4E+03	Mineral oils	8012-95-1				3.6E-02	2.3E+05			2.3E+05	
				2.0E-04	I			V	1			1.4E+09	8.6E+05	Mirex	2385-85-5	3.9E-02		4.7E-01		1.6E+01			1.6E+01	
				2.0E-03	I				1	0.1		1.4E+09		Molinate	2212-67-1					1.6E+02	6.6E+02		1.3E+02	
				5.0E-03	I				1			1.4E+09		Molybdenum	7439-98-7					3.9E+02			3.9E+02	
				1.0E-01	I				1			1.4E+09		Monochloramine	10599-90-3					7.8E+03			7.8E+03	
				2.0E-03	P				1	0.1		1.4E+09		Monomethylaniline	100-61-8					1.6E+02	6.6E+02		1.3E+02	
				2.5E-02	I				1	0.1		1.4E+09		Myclbutanil	88671-89-0					2.0E+03	8.2E+03		1.6E+03	
				3.0E-04	X				1	0.1		1.4E+09		N,N'-Diphenyl-1,4-benzenediamine	74-31-7					2.3E+01	9.9E+01		1.9E+01	
				2.0E-03	I			V	1			1.4E+09	5.7E+04	Naled	300-76-5					1.6E+02			1.6E+02	
1.8E+00	C	0.0E+00	C	3.0E-02	X	1.0E-01	P	V	1			1.4E+09		Naphtha, High Flash Aromatic (HFAN)	64742-95-6					2.3E+03		1.4E+08	2.3E+03	
				1.0E-01	I				1	0.1		1.4E+09		Naphthylamine, 2-	91-59-8	3.9E-01	1.4E+00		3.0E-01					
				2.6E-04	C	1.1E-02	C	1.4E-05	C	1	0.1	1.4E+09		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	0.1	1.4E+09		Nickel Acetate	373-02-4			1.5E+04	1.5E+04	8.6E+02	3.6E+03	2.0E+04	6.7E+02	
				2.6E-04	C	1.1E-02	C	1.4E-05	C	1	0.1	1.4E+09		Nickel Carbonate	3333-67-3			1.5E+04	1.5E+04	8.6E+02	3.6E+03	2.0E+04	6.7E+02	
				2.6E-04	C	1.1E-02	C	1.4E-05	C	1	0.1	1.4E+09		Nickel Carbonyl	13463-39-3			1.5E+04	1.5E+04	8.6E+02	3.6E+03	2.0E+04	6.7E+02	
				2.6E-04	C	1.1E-02	C	1.4E-05	C	0.04		1.4E+09		Nickel Hydroxide	12054-48-7			1.5E+04	1.5E+04	8.6E+02	3.6E+03	2.0E+04	6.7E+02	
				2.6E-04	C	1.1E-02	C	1.4E-05	C	0.04		1.4E+09		Nickel Oxide	1313-99-1			1.5E+04	1.5E+04	8.6E+02	3.6E+03	2.0E+04	6.7E+02	
				2.4E-04	I	1.1E-02	C	1.4E-05	C	0.04		1.4E+09		Nickel Refinery Dust	NA			1.6E+04	1.6E+04	8.6E+02	3.6E+03	2.0E+04	6.7E+02	
				2.6E-04	C	2.0E-02	I	9.0E-05	A	0.04		1.4E+09		Nickel Soluble Salts	7440-02-0			1.5E+04	1.5E+04	1.6E+03		1.3E+05	1.5E+03	
1.7E+00	C	4.8E-04	I	1.1E-02	C	1.4E-05	C		0.04			1.4E+09		Nickel Sulfide	12035-72-2	4.1E-01		8.0E+03	4.1E-01	8.6E+02	2.0E+04	8.2E+02	6.7E+02	
				2.6E-04	C	1.1E-02	C	1.4E-05	C	1	0.1	1.4E+09		Nickelocene	1271-28-9			1.5E+04	1.5E+04	8.6E+02	3.6E+03	2.0E+04	6.7E+02	
				1.6E+00	I				1			1.4E+09		Nitrate	14797-55-8					1.3E+05			1.3E+05	
									1			1.4E+09		Nitrate + Nitrite (as N)	NA									
				1.0E-01	I				1			1.4E+09		Nitrite	14797-65-0					7.8E+03			7.8E+03	
2.0E-02	P			1.0E-02	X	5.0E-05	X		1	0.1		1.4E+09		Nitroaniline, 2-	88-74-4					7.8E+02	3.3E+03	7.1E+04	6.3E+02	
				4.0E-03	P	6.0E-03	P		1	0.1		1.4E+09		Nitroaniline, 4-	100-01-6	3.5E+01	1.2E+02		2.7E+01	3.1E+02	1.3E+03	8.5E+06	2.5E+02	
				4.0E-05	I	9.0E-03	I	V	1		3.1E+03	1.4E+09	7.3E+04	Nitrobenzene	98-95-3			5.1E+00	5.1E+00	1.6E+02		6.9E+02	1.3E+02	
				3.0E+03	P				1	0.1		1.4E+09		Nitrocellulose	9004-70-0					2.3E+08	9.9E+08		1.9E+08	
1.3E+00	C	3.7E-04	C	7.0E-02	H				1	0.1		1.4E+09		Nitrofurantoin	67-20-9					5.5E+03	2.3E+04		4.4E+03	
				1.0E-04	P				1	0.1		1.4E+09		Nitrofurazone	59-87-0	5.3E-01	1.9E+00	1.0E+04	4.2E-01					
1.7E-02	P			1.0E-01	I				1	0.1		1.4E+09		Nitroglycerin	55-63-0	4.1E+01	1.5E+02		3.2E+01	7.8E+00	3.3E+01		6.3E+00	
				8.8E-06	P	5.0E-03	P	V	1		1.8E+04	1.4E+09	1.7E+04	Nitroguanidine	556-88-7					7.8E+03	3.3E+04		6.3E+03	
				2.7E-03	H				1		4.9E+03	1.4E+09	1.3E+04	Nitromethane	75-52-5			5.4E+00	5.4E+00			8.8E+01	8.8E+01	
2.7E+01	C	7.7E-03	C	2.0E-02	I			V	1			1.4E+09		Nitropropane, 2-	79-46-9					1.4E-02		2.7E+02	2.7E+02	
1.2E+02	C	3.4E-02	C						M	1	0.1	1.4E+09		Nitroso-N-ethylurea, N-	759-73-9	5.7E-03	2.2E-02	1.8E+02	4.5E-03					
									M	1	0.1	1.4E+09		Nitroso-N-methylurea, N-	684-93-5	1.3E-03	5.0E-03	4.1E+01	1.0E-03					
5.4E+00	I	1.6E-03	I					V	1			1.4E+09	2.4E+05	Nitroso-di-N-butylamine, N-	924-16-3	1.3E-01		4.3E-01	9.9E-02					
7.0E+00	I	2.0E-03	C						1	0.1		1.4E+09		Nitroso-di-N-propylamine, N-	621-64-7	9.9E-02	3.5E-01	1.9E+03	7.8E-02					
2.8E+00	I	8.0E-04	C						1	0.1		1.4E+09		Nitrosodiethanolamine, N-	1116-54-7	2.5E-01	8.8E-01	4.8E+03	1.9E-01					
1.5E+02	I	4.3E-02	I						M	1	0.1	1.4E+09		Nitrosodithylamine, N-	55-18-5	1.0E-03	4.0E-03	3.2E+01	8.1E-04					
5.1E+01	I	1.4E-02	I	8.0E-06	P	4.0E-05	X	V	M	1	2.4E+05	1.4E+09	8.2E+04	Nitrosodimethylamine, N-	62-75-9	3.0E-03		6.0E-03	2.0E-03	6.3E-01		3.4E+00	5.3E-01	
4.9E-03	I	2.6E-06	C						1	0.1		1.4E+09		Nitrosodiphenylamine, N-	86-30-6	1.4E+02	5.0E+02	1.5E+06	1.1E+02					
2.2E+01	I	6.3E-03	C					V	1		1.1E+05	1.4E+09	1.2E+05	Nitrosomethylethylamine, N-	10595-95-6	3.2E-02		5.4E-02	2.0E-02					
6.7E+00	C	1.9E-03	C						1	0.1		1.4E+09		Nitrosomorpholine [N-]	59-89-2	1.0E-01	3.7E-01	2.0E+03	8.1E-02					
9.4E+00	C	2.7E-03	C																					

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Toxicity and Chemical-specific Information													Contaminant		Carcinogenic Target Risk (TR) = 1E-06				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 _i (mg/m ³)	k _e (y)	v	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (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-03	H					1	0.1		1.4E+09		Octamethylpyrophosphoramide	152-16-9					1.6E+02	6.6E+02		1.3E+02	
				5.0E-02	I					1	0.1		1.4E+09		Oryzalin	19044-88-3					3.9E+03	1.6E+04		3.2E+03	
				5.0E-03	I					1	0.1		1.4E+09		Oxadiazon	19666-30-9					3.9E+02	1.6E+03		3.2E+02	
				2.5E-02	I					1	0.1		1.4E+09		Oxamyl	23135-22-0					2.0E+03	8.2E+03		1.6E+03	
				3.0E-03	I					1	0.1		1.4E+09		Oxyfluorfen	42874-03-3					2.3E+02	9.9E+02		1.9E+02	
				1.3E-02	I					1	0.1		1.4E+09		Paclitaxel	76738-62-0					1.0E+03	4.3E+03		8.2E+02	
				4.5E-03	I					1	0.1		1.4E+09		Paraquat Dichloride	1910-42-5					3.5E+02	1.5E+03		2.8E+02	
				6.0E-03	H					1	0.1		1.4E+09		Parathion	56-38-2					4.7E+02	2.0E+03		3.8E+02	
				5.0E-02	H				V	1			4.5E+04		Pebulate	1114-71-2					3.9E+03			3.9E+03	
				4.0E-02	I					1	0.1		1.4E+09		Pendimethalin	40487-42-1					3.1E+03	1.3E+04		2.5E+03	
				2.0E-03	I				V	1		3.1E-01	1.4E+09	5.1E+05	Pentabromodiphenyl Ether	32534-81-9					1.6E+02			1.6E+02	
				1.0E-04	I					1	0.1		1.4E+09		Pentabromodiphenyl ether, 2,2',4,4',5'- (BDE-99)	60348-60-9					7.8E+00	3.3E+01		6.3E+00	
				8.0E-04	I				V	1			8.1E+04		Pentachlorobenzene	608-93-5					6.3E+01			6.3E+01	
9.0E-02	P								V	1		4.6E+02	1.4E+09	9.7E+03	Pentachloroethane	76-01-7	7.7E+00		7.7E+00						
2.6E-01	H			3.0E-03	I				V	1			1.4E+09	4.3E+05	Pentachloronitrobenzene	82-68-8	2.7E+00		2.7E+00		2.3E+02				2.3E+02
4.0E-01	I	5.1E-06	C	5.0E-03	I					1	0.25		1.4E+09		Pentachlorophenol	87-86-5	1.7E+00	2.5E+00	7.5E+05	1.0E+00	3.9E+02	6.6E+02		2.5E+02	
4.0E-03	X			2.0E-03	P					1	0.1		1.4E+09		Pentaerythritol tetranitrate (PETN)	78-11-5	1.7E+02	6.2E+02		1.4E+02	1.6E+02	6.6E+02		1.3E+02	
									V	1		3.9E+02	1.4E+09	7.8E+02	Pentane, n- Perchlorates	109-66-0							8.1E+02	8.1E+02	
				7.0E-04	I					1			1.4E+09		*Ammonium Perchlorate	7790-98-9					5.5E+01			5.5E+01	
				7.0E-04	I					1			1.4E+09		*Lithium Perchlorate	7791-03-9					5.5E+01			5.5E+01	
				7.0E-04	I					1			1.4E+09		*Perchlorate and Perchlorate Salts	14797-73-0					5.5E+01			5.5E+01	
				7.0E-04	I					1			1.4E+09		*Potassium Perchlorate	7778-74-7					5.5E+01			5.5E+01	
				7.0E-04	I					1			1.4E+09		*Sodium Perchlorate	7601-89-0					5.5E+01			5.5E+01	
				2.0E-02	P				V	1			1.4E+09	1.3E+05	Perfluorobutane Sulfonate	375-73-5					1.6E+03			1.6E+03	
2.2E-03	C	6.3E-07	C	5.0E-02	I					1	0.1		1.4E+09		Permethrin	52645-53-1					3.9E+03	1.6E+04		3.2E+03	
				2.5E-01	I					1	0.1		1.4E+09		Phenacetin	62-44-2	3.2E+02	1.1E+03	6.1E+06	2.5E+02	2.0E+04	8.2E+04		1.6E+04	
				3.0E-01	I	2.0E-01	C			1	0.1		1.4E+09		Phenelone	108-95-2					2.3E+04	9.9E+04	2.8E+08	1.9E+04	
				5.0E-04	X					1	0.1		1.4E+09		Phenethiazine	92-84-2					3.9E+01	1.6E+02		3.2E+01	
				6.0E-03	I					1	0.1		1.4E+09		Phenylenediamine, m-	108-45-2					4.7E+02	2.0E+03		3.8E+02	
4.7E-02	H									1	0.1		1.4E+09		Phenylenediamine, o-	95-54-5	1.5E+01	5.3E+01		1.2E+01	1.5E+04	6.3E+04		1.2E+04	
1.9E-03	H			1.9E-01	H					1	0.1		1.4E+09		Phenylenediamine, p-	106-50-3					1.6E+01	6.6E+01		3.1E-01	
				2.0E-04	H					1	0.1		1.4E+09		Phenylphenol, 2-	90-43-7	3.6E+02	1.3E+03		2.8E+02	1.6E+01	6.6E+01		1.3E+01	
				2.0E-02	I				V	1		1.6E+03	1.4E+09	9.8E+02	Phorate	298-02-2					1.6E+03	6.6E+03	3.1E-01	1.3E+03	
										1	0.1		1.4E+09		Phosphene	75-44-5									
										1	0.1		1.4E+09		Phosphet	732-11-6									
															Phosphates, Inorganic										
				4.9E+01	P					1			1.4E+09		*Aluminum metaphosphate	13776-88-0					3.8E+06			3.8E+06	
				4.9E+01	P					1			1.4E+09		*Ammonium biphosphate	68333-79-9					3.8E+06			3.8E+06	
				4.9E+01	P					1			1.4E+09		*Calcium pyrophosphate	7790-76-3					3.8E+06			3.8E+06	
				4.9E+01	P					1			1.4E+09		*Diammonium phosphate	7783-28-0					3.8E+06			3.8E+06	
				4.9E+01	P					1			1.4E+09		*Dicalcium phosphate	7757-93-9					3.8E+06			3.8E+06	
				4.9E+01	P					1			1.4E+09		*Dimagnesium phosphate	7782-75-4					3.8E+06			3.8E+06	
				4.9E+01	P					1			1.4E+09		*Dipotassium phosphate	7758-11-4					3.8E+06			3.8E+06	
				4.9E+01	P					1			1.4E+09		*Disodium phosphate	7558-79-4					3.8E+06			3.8E+06	
				4.9E+01	P					1			1.4E+09		*Monoaluminum phosphate	13530-50-2					3.8E+06			3.8E+06	
				4.9E+01	P					1			1.4E+09		*Monoammonium phosphate	7722-76-1					3.8E+06			3.8E+06	
				4.9E+01	P					1			1.4E+09		*Monocalcium phosphate	7758-23-8					3.8E+06			3.8E+06	
				4.9E+01	P					1			1.4E+09		*Monomagnesium phosphate	7757-86-0					3.8E+06			3.8E+06	
				4.9E+01	P					1			1.4E+09		*Monopotassium phosphate	7778-77-0					3.8E+06			3.8E+06	
				4.9E+01	P					1			1.4E+09		*Monosodium phosphate	7558-80-7					3.8E+06			3.8E+06	
				4.9E+01	P					1			1.4E+09		*Polyphosphoric acid	8017-16-1					3.8E+06			3.8E+06	
				4.9E+01	P					1			1.4E+09		*Potassium triphosphate	13845-36-8					3.8E+06			3.8E+06	
				4.9E+01	P					1			1.4E+09		*Sodium acid pyrophosphate	7758-16-9					3.8E+06			3.8E+06	
				4.9E+01	P					1			1.4E+09		*Sodium aluminum phosphate (acidic)	7785-88-8					3.8E+06			3.8E+06	
				4.9E+01	P					1			1.4E+09		*Sodium aluminum phosphate (anhydrous)	10279-59-1					3.8E+06			3.8E+06	
				4.9E+01	P					1			1.4E+09		*Sodium aluminum phosphate (tetrahydrate)	10305-76-7					3.8E+06			3.8E+06	
				4.9E+01	P					1			1.4E+09		*Sodium hexametaphosphate	10124-56-8					3.8E+06			3.8E+06	
				4.9E+01	P					1			1.4E+09		*Sodium polyphosphate	68915-31-1					3.8E+06			3.8E+06	
				4.9E+01	P					1			1.4E+09		*Sodium trimetaphosphate	7785-84-4					3.8E+06			3.8E+06	
				4.9E+01	P					1			1.4E+09		*Sodium triphosphate	7758-29-4					3.8E+06			3.8E+06	
				4.9E+01	P																				

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Toxicity and Chemical-specific Information													Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Child Hazard Index (HI) = 1				
SFO (mg/kg-day) ⁻¹	k _e (ug/m ³ -d) ⁻¹	IUR (ug/m ³ -d) ⁻¹	k _e (mg/kg-day)	RfD _c (mg/kg-day)	k _e (mg/m ³ -d)	RfC _i (mg/m ³ -d)	k _e (mg/m ³ -d)	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (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)
			4.9E+01	P					1			1.4E+09		*Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate)	15136-87-5					3.8E+06			3.8E+06
			4.9E+01	P					1			1.4E+09		*Tricalcium phosphate	7758-87-4					3.8E+06			3.8E+06
			4.9E+01	P					1			1.4E+09		*Trimagnesium phosphate	7757-87-1					3.8E+06			3.8E+06
			4.9E+01	P					1			1.4E+09		*Tripotassium phosphate	7778-53-2					3.8E+06			3.8E+06
			4.9E+01	P					1			1.4E+09		*Trisodium phosphate	7601-54-9					3.8E+06			3.8E+06
			3.0E-04	I	3.0E-04	I	V			1		1.4E+09		Phosphine	7803-51-2					2.3E+01		4.3E+05	2.3E+01
			4.9E+01	P	1.0E-02	I			1			1.4E+09		Phosphoric Acid	7664-38-2					3.8E+06		1.4E+07	3.0E+06
			2.0E-05	I			V		1			1.4E+09	6.9E+03	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	0.1		1.4E+09		*Bis(2-ethylhexyl)phthalate	117-81-7	5.0E+01	1.8E+02	1.6E+06	3.9E+01	1.6E+03	6.6E+03		1.3E+03
			1.0E+00	I					1	0.1		1.4E+09		*Butylphthalyl Butylglycolate	85-70-1					7.8E+04	3.3E+05		6.3E+04
			1.0E-01	I					1	0.1		1.4E+09		*Diethyl Phthalate	84-74-2					7.8E+03	3.3E+04		6.3E+03
			8.0E-01	I					1	0.1		1.4E+09		*Diethyl Phthalate	84-66-2					6.3E+04	2.6E+05		5.1E+04
			1.0E-01	I				V	1			1.4E+09	2.1E+04	*Dimethylterephthalate	120-61-6					7.8E+03			7.8E+03
			1.0E-02	P					1	0.1		1.4E+09		*Octyl Phthalate, di-N-	117-84-0					7.8E+02	3.3E+03		6.3E+02
			1.0E+00	H					1	0.1		1.4E+09		*Phthalic Acid, P-	100-21-0					7.8E+04	3.3E+05		6.3E+04
			2.0E+00	I	2.0E-02	C			1	0.1		1.4E+09		*Phthalic Anhydride	85-44-9					1.6E+05	6.6E+05	2.8E+07	1.3E+05
			7.0E-02	I					1	0.1		1.4E+09		Picloram	1918-02-1					5.5E+03	2.3E+04		4.4E+03
			1.0E-04	X					1	0.1		1.4E+09		Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3					7.8E+00	3.3E+01		6.3E+00
			9.0E-04	X					1	0.1		1.4E+09		Picric Acid (2,4,6-Trinitrophenol)	88-89-1					7.0E+01	3.0E+02		5.7E+01
			1.0E-02	I					1	0.1		1.4E+09		Pirimiphos, Methyl	29232-93-7					7.8E+02	3.3E+03		6.3E+02
3.0E+01	C	8.6E-03	C	7.0E-06	H				1	0.1		1.4E+09		Polybrominated Biphenyls	59536-65-1	2.3E-02	8.2E-02	4.4E+02	1.8E-02	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	0.14	*Aroclor 1016	12674-11-2	9.9E+00	2.5E+01	1.0E+02	6.7E+00	5.5E+00	1.6E+01		4.1E+00
			2.0E+00	S	5.7E-04	S					V	1	0.14	*Aroclor 1221	11104-28-2	3.5E-01	8.8E-01	1.0E+00	2.0E-01				
			2.0E+00	S	5.7E-04	S					V	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	0.14	*Aroclor 1242	53469-21-9	3.5E-01	8.8E-01	2.9E+00	2.3E-01				
			2.0E+00	S	5.7E-04	S					V	1	0.14	*Aroclor 1248	12672-29-6	3.5E-01	8.8E-01	3.1E+00	2.3E-01				
			2.0E+00	S	5.7E-04	S	2.0E-05	I			V	1	0.14	*Aroclor 1254	11097-69-1	3.5E-01	8.8E-01	4.1E+00	2.4E-01	1.6E+00	4.7E+00		1.2E+00
			2.0E+00	S	5.7E-04	S					V	1	0.14	*Aroclor 1260	11096-82-5	3.5E-01	8.8E-01	6.5E+00	2.4E-01				
														*Aroclor 5460	11126-42-4					4.7E+01	1.4E+02		3.5E+01
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	1	0.14		1.4E+09	3.3E+06	*Heptachlorobiphenyl, 2,3,3',4,4',5,5'-(PCB 189)	39635-31-9	1.8E-01	4.5E-01	8.2E+00	1.3E-01	1.8E+00	5.5E+00	4.6E+03	1.4E+00
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	1	0.14		1.4E+09	2.2E+06	*Hexachlorobiphenyl, 2,3,4,4',5,5'-(PCB 167)	52663-72-6	1.8E-01	4.5E-01	5.4E+00	1.2E-01	1.8E+00	5.5E+00	3.1E+03	1.4E+00
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	1	0.14		1.4E+09	1.5E+06	*Hexachlorobiphenyl, 2,3,3',4,4',5,5'-(PCB 157)	69782-90-7	1.8E-01	4.5E-01	3.6E+00	1.2E-01	1.8E+00	5.5E+00	2.0E+03	1.4E+00
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	1	0.14		1.4E+09	1.5E+06	*Hexachlorobiphenyl, 2,3,3',4,4',5,5'-(PCB 156)	38380-08-4	1.8E-01	4.5E-01	3.8E+00	1.2E-01	1.8E+00	5.5E+00	2.1E+03	1.4E+00
3.9E+03	E	1.1E+00	E	2.3E-08	E	1.3E-06	E	V	1	0.14		1.4E+09	2.2E+06	*Hexachlorobiphenyl, 2,3,3',4,4',5,5'-(PCB 169)	32774-16-6	1.8E-04	4.5E-04	5.4E-03	1.2E-04	1.8E-03	5.5E-03	3.1E+00	1.4E-03
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	1	0.14		1.4E+09	1.0E+06	*Pentachlorobiphenyl, 2,3,4,4',5,5'-(PCB 123)	65510-44-3	1.8E-01	4.5E-01	2.5E+00	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	0.14		1.4E+09	8.3E+05	*Pentachlorobiphenyl, 2,3,4,4',5,5'-(PCB 118)	31508-00-6	1.8E-01	4.5E-01	2.0E+00	1.2E-01	1.8E+00	5.5E+00	1.2E+03	1.4E+00
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	1	0.14		1.4E+09	8.5E+05	*Pentachlorobiphenyl, 2,3,3',4,4',5,5'-(PCB 105)	32598-14-4	1.8E-01	4.5E-01	2.1E+00	1.2E-01	1.8E+00	5.5E+00	1.2E+03	1.4E+00
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	1	0.14		1.4E+09	1.5E+06	*Pentachlorobiphenyl, 2,3,4,4',5,5'-(PCB 114)	74472-37-0	1.8E-01	4.5E-01	3.6E+00	1.2E-01	1.8E+00	5.5E+00	2.0E+03	1.4E+00
1.3E+04	E	3.8E+00	E	7.0E-09	E	4.0E-07	E	V	1	0.14		1.4E+09	1.0E+06	*Pentachlorobiphenyl, 3,3',4,4',5,5'-(PCB 126)	57465-28-8	5.3E-05	1.4E-04	7.5E-04	3.7E-05	5.5E-04	1.6E-03	4.3E-01	4.1E-04
2.0E+00	I	5.7E-04	I						1	0.14		1.4E+09	5.3E+05	*Polychlorinated Biphenyls (high risk)	1336-36-3	3.5E-01	8.8E-01	2.6E+00	2.3E-01				
4.0E-01	I	1.0E-04	I											*Polychlorinated Biphenyls (low risk)	1336-36-3								
7.0E-02	I	2.0E-05	I											*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	0.14		1.4E+09		*Tetrachlorobiphenyl, 3,3',4,4'-(PCB 77)	32598-13-3	5.3E-02	1.4E-01	1.0E+03	3.8E-02	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	0.14		1.4E+09	7.3E+05	*Tetrachlorobiphenyl, 3,4,4',5'-(PCB 81)	70362-50-4	1.8E-02	4.5E-02	1.8E-01	1.2E-02	1.8E-01	5.5E-01	1.0E+02	1.4E-01
														Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9						8.5E+05		8.5E+05
														Polynuclear Aromatic Hydrocarbons (PAHs)									
			6.0E-02	I					1	0.13		1.4E+09	1.4E+05	*Acenaphthene	83-32-9					4.7E+03	1.5E+04		3.6E+03
			3.0E-01	I					1	0.13		1.4E+09	5.2E+05	*Anthracene	120-12-7					2.3E+04	7.6E+04		1.8E+04
7.3E-01	E	1.1E-04	C						1	0.13		1.4E+09	4.4E+06	*Benz[a]anthracene	56-55-3	2.1E-01	6.3E-01	4.1E+01	1.6E-01				
1.2E+00	C	1.1E-04	C						1	0.13		1.4E+09		*Benzo[<i>j</i>]fluoranthene	205-82-3	5.8E-01	1.6E+00	3.5E+04	4.2E-01				
7.3E+00	I	1.1E-03	C						M	0.13		1.4E+09		*Benzo[<i>a</i>]pyrene	50-32-8	2.1E-02	6.3E-02	1.3E+03	1.6E-02				
7.3E-01	E	1.1E-04	C				</																

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-06				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 _i (mg/m ³)	k _e	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (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)	
	3.4E-05			4.0E-03	I		V		1	0.13				*Methylnaphthalene, 2- *Naphthalene	91-57-6 91-20-3			3.8E+00	3.8E+00	3.1E+02	1.0E+03	1.4E+02	2.4E+02 1.3E+02	
1.2E+00	C 1.1E-04	C		3.0E-02	I		V		1	0.13				*Nitropyrene, 4- *Pyrene	57835-92-4 129-00-0	5.8E-01	1.6E+00	3.5E+04	4.2E-01	2.3E+03	7.6E+03		1.8E+03	
				2.0E-02	P				1	0.1				Potassium Perfluorobutane Sulfonate	29420-49-3					1.6E+03	6.6E+03		1.3E+03	
1.5E-01	I			9.0E-03	I				1	0.1				Prochloraz	67747-09-5	4.6E+00	1.6E+01		3.6E+00	7.0E+02	3.0E+03		5.7E+02	
				6.0E-03	H		V		1					Profurilaz	26399-36-0					4.7E+02			4.7E+02	
				1.5E-02	I				1	0.1				Prometon	1610-18-0					1.2E+03	4.9E+03		9.5E+02	
				4.0E-03	I				1	0.1				Prometryn	7287-19-6					3.1E+02	1.3E+03		2.5E+02	
				1.3E-02	I				1	0.1				Propachlor	1918-16-7					1.0E+03	4.3E+03		8.2E+02	
				4.0E-03	I				1	0.1				Propanediol, 1,2-	114-26-1					3.1E+02	1.3E+03		2.5E+02	
				5.0E-03	I				1	0.1				Propanil	709-98-8					3.9E+02	1.6E+03		3.2E+02	
				2.0E-02	I				1	0.1				Propargite	2312-35-8					1.6E+03	6.6E+03		1.3E+03	
				2.0E-03	I		V		1		1.1E+05		6.3E+04	Propargyl Alcohol	107-19-7					1.6E+02			1.6E+02	
				2.0E-02	I				1	0.1				Propazine	139-40-2					1.6E+03	6.6E+03		1.3E+03	
				2.0E-02	I				1	0.1				Propham	122-42-9					1.6E+03	6.6E+03		1.3E+03	
				1.3E-02	I				1	0.1				Propiconazole	60207-90-1					1.0E+03	4.3E+03		8.2E+02	
				8.0E-03	I	V			1		3.3E+04	1.4E+09	8.9E+03	Propionaldehyde	123-38-6							7.5E+01	7.5E+01	
	1.0E-01	X	1.0E+00	X	V				1		2.6E+02	1.4E+09	7.0E+03	Propyl benzene	103-65-1					7.8E+03		7.3E+03	3.8E+03	
				3.0E+00	C	V			1		3.5E+02	1.4E+09	7.0E+02	Propylene	115-07-1						2.2E+03		2.2E+03	
				2.0E+01	P				1	0.1		1.4E+09		Propylene glycol	57-55-6					1.6E+06	6.6E+06		1.3E+06	
				2.7E-04	A				1	0.1		1.4E+09		Propylene Glycol Dinitrate	6423-43-4							3.9E+05	3.9E+05	
				7.0E-01	H	2.0E+00	I	V	1		1.1E+05	1.4E+09	7.8E+04	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	1		7.8E+04	1.4E+09	1.0E+04	Propylene Oxide	75-56-9	2.9E+00		7.8E+00	2.1E+00			3.2E+02	3.2E+02	
				7.5E-02	I				1	0.1		1.4E+09		Propylamine	23950-58-5					5.9E+03	2.5E+04		4.7E+03	
				1.0E-03	I		V		1		5.3E+05	1.4E+09	5.5E+04	Pyridine	110-86-1					7.8E+01			7.8E+01	
				5.0E-04	I				1	0.1		1.4E+09		Quinalphos	13593-03-8					3.9E+01	1.6E+02		3.2E+01	
3.0E+00	I								1	0.1		1.4E+09		Quindaline	91-22-5	2.3E-01	8.2E-01		1.8E-01					
				9.0E-03	I				1	0.1		1.4E+09		Quizalofop-ethyl	76578-14-8					7.0E+02	3.0E+03		5.7E+02	
				3.0E-02	A				1			1.4E+09		Refractory Ceramic Fibers	NA							4.3E+07	4.3E+07	
				3.0E-02	I				1	0.1		1.4E+09		Resmethrin	10453-86-8					2.3E+03	9.9E+03		1.9E+03	
				5.0E-02	H		V		1			1.4E+09	4.7E+05	Ronnel	299-84-3					3.9E+03			3.9E+03	
2.2E-01	C	6.3E-05	C						1	0.1		1.4E+09		Rotenone	83-79-4					3.1E+02	1.3E+03		2.5E+02	
				5.0E-03	I				1	0.1		1.4E+09		Safrole	94-59-7	7.0E-01	2.7E+00	2.2E+04	5.5E-01					
				5.0E-03	I	2.0E-02	C		1			1.4E+09		Selenious Acid	7783-00-8					3.9E+02			3.9E+02	
				5.0E-03	C	2.0E-02	C		1			1.4E+09		Selenium	7782-49-2					3.9E+02		2.8E+07	3.9E+02	
				9.0E-02	I				1	0.1		1.4E+09		Selenium Sulfide	7446-34-6					7.0E+03	3.0E+04		5.7E+03	
				3.0E-03	C				1			1.4E+09		Sethoxydim	74051-80-2									
				5.0E-03	I				1	0.04		1.4E+09		Silica (crystalline, respirable)	7631-86-9					3.9E+02		4.3E+06	4.3E+06	
1.2E-01	H			5.0E-03	I				1	0.1		1.4E+09		Silver	7440-22-4					3.9E+02			3.9E+02	
				1.3E-02	I				1	0.1		1.4E+09		Simazine	122-34-9	5.8E+00	2.1E+01		4.5E+00		1.6E+03			3.2E+02
				4.0E-03	I				1			1.4E+09		Sodium Acifluorfen	62476-59-9					1.0E+03	4.3E+03		8.2E+02	
5.0E-01	C	1.5E-01	C			2.0E-02	C	2.0E-04	C	M	0.025		1.4E+09	Sodium Azide	26628-22-8					3.1E+02			3.1E+02	
				3.0E-02	I				1	0.1		1.4E+09		Sodium Dichromate	10588-01-9	3.1E-01		9.2E+00	3.0E-01	1.6E+03		2.8E+05	1.6E+03	
2.7E-01	H			5.0E-02	A	1.3E-02	C		1			1.4E+09		Sodium Diethylthiocarbamate	148-18-5	2.6E+00	9.2E+00		2.0E+00	2.3E+03	9.9E+03		1.9E+03	
				2.0E-05	I				1	0.1		1.4E+09		Sodium Fluoride	7681-49-4					3.9E+03		1.8E+07	3.9E+03	
				1.0E-03	H				1			1.4E+09		Sodium Fluoroacetate	62-74-8					1.6E+00	6.6E+00		1.3E+00	
				8.0E-04	P				1			1.4E+09		Sodium Metavanadate	13718-26-8					7.8E+01			7.8E+01	
				8.0E-04	P				1			1.4E+09		Sodium Tungstate	13472-45-2					6.3E+01			6.3E+01	
				8.0E-04	P				1			1.4E+09		Sodium Tungstate Dihydrate	10213-10-2					6.3E+01			6.3E+01	
2.4E-02	H			3.0E-02	I				1	0.1		1.4E+09		Stirofos (Tetrachlorovinphos)	961-11-5	2.9E+01	1.0E+02		2.3E+01	2.3E+03	9.9E+03		1.9E+03	
5.0E-01	C	1.5E-01	C			2.0E-02	C	2.0E-04	C	M	0.025		1.4E+09	Strontium Chromate	7789-06-2	3.1E-01		9.2E+00	3.0E-01	1.6E+03		2.8E+05	1.6E+03	
				6.0E-01	I				1			1.4E+09		Strontium, Stable	7440-24-6					4.7E+04			4.7E+04	
				3.0E-04	I				1	0.1		1.4E+09		Strychnine	57-24-9					2.3E+01	9.9E+01		1.9E+01	
				2.0E-01	I	1.0E+00	I	V	1		8.7E+02	1.4E+09	9.4E+03	Styrene	100-42-5					1.6E+04		9.7E+03	6.0E+03	
				3.0E-03	P				1	0.1		1.4E+09		Styrene-Acrylonitrile (SAN) Trimer	NA					2.3E+02	9.9E+02		1.9E+02	
				1.0E-03	P	2.0E-03	X		1	0.1		1.4E+09		Sulfolane	126-33-0					7.8E+01	3.3E+02		2.8E+06	
				8.0E-04	P				1	0.1		1.4E+09		Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9					6.3E+01	2.6E+02		5.1E+01	
				1.0E-03	C	V			1			1.4E+09		Sulfur Trioxide	7446-11-9							1.4E+06	1.4E+06	
2.5E-02	I	7.1E-06	I			5.0E-02	H		1	0.1		1.4E+09		Sulfuric Acid	7664-93-9	2.8E+01	9.9E+01	5.4E+05	2.2E+01	3.9E+03	1.6E+04		3.2E+03	
				3.0E-02	H				1	0.1		1.4E+09		Sulfurous acid, 2-chloroethyl 2-[4-(1,1-dimethylethyl)phenoxy]-1-methylethyl ester	140-57-8					2.3E+03	9.9E+03		1.9E+03	
				7.0E-02	I																			

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-06				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 _i (mg/m ³)	k _e	v _o	muta-	GI/ABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (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 TH=1 (mg/kg)
				1.3E-02	I					1	0.1		1.4E+09		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	Terbufos	13071-79-9					2.0E+00			2.0E+00
				1.0E-03	I					1	0.1		1.4E+09		Terbutryn	886-50-0					7.8E+01	3.3E+02		6.3E+01
				1.0E-04	I					1	0.1		1.4E+09		Tetrabromodiphenyl ether, 2,2',4,4'-(BDE-47)	5436-43-1					7.8E+00	3.3E+01		6.3E+00
				3.0E-04	I				V				1.4E+09	5.1E+04	Tetrachlorobenzene, 1,2,4,5-	95-94-3					2.3E+01			2.3E+01
2.6E-02	I	7.4E-06	I	3.0E-02	I				V				6.8E+02	1.4E+09	5.7E+03	Tetrachloroethane, 1,1,1,2-	630-20-6	2.7E+01	2.2E+00	2.0E+00		2.3E+03		2.3E+03
2.0E-01	I	5.8E-05	C	2.0E-02	I				V				1.9E+03	1.4E+09	1.5E+04	Tetrachloroethane, 1,1,2,2-	79-34-5	3.5E+00	7.3E-01	6.0E-01		1.6E+03		1.6E+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	Tetrachloroethylene	127-18-4	3.3E+02	2.5E+01	2.4E+01		4.7E+02		9.8E+01
				3.0E-02	I				V			0.1	1.4E+09		Tetrachlorophenol, 2,3,4,6-	58-90-2					2.3E+03	9.9E+03		1.9E+03
2.0E+01	H								V				1.4E+09	1.1E+05	Tetrachlorotoluene, p-alpha, alpha, alpha-	5216-25-1	3.5E-02		3.5E-02		4.7E+02			8.1E+01
				5.0E-04	I							0.1	1.4E+09		Tetraethyl Dithiopyrophosphate	3689-24-5					3.9E+01	1.6E+02		3.2E+01
				2.0E-03	P	8.0E+01	I	V					2.1E+03	1.4E+09	1.2E+03	Tetrafluoroethane, 1,1,1,2-	811-97-2					1.6E+02		1.0E+05
												0.0007	1.4E+09		Tetryl (Trinitrophenylmethylnitramine)	479-45-8								1.6E+02
				7.0E-06	X								1.4E+09		Thallium (I) Nitrate	10102-45-1					5.5E-01			5.5E-01
				1.0E-05	X								1.4E+09		Thallium (Soluble Salts)	7440-28-0					7.8E-01			7.8E-01
				6.0E-06	X				V				1.4E+09		Thallium Acetate	563-68-8					4.7E-01			4.7E-01
				2.0E-05	X				V				1.4E+09		Thallium Carbonate	6533-73-9					1.6E+00			1.6E+00
				6.0E-06	X								1.4E+09		Thallium Chloride	7791-12-0					4.7E-01			4.7E-01
				2.0E-05	X								1.4E+09		Thallium Sulfate	7446-18-6					1.6E+00			1.6E+00
				1.3E-02	I							0.1	1.4E+09		Thienseulfuron-methyl	79277-27-3					1.0E+03	4.3E+03		8.2E+02
				1.0E-02	I							0.1	1.4E+09		Thiobencarb	28249-77-6					7.8E+02	3.3E+03		6.3E+02
				7.0E-02	X							0.0075	1.4E+09		Thiodiglycol	111-48-8					5.5E+03	3.1E+05		5.4E+03
				3.0E-04	H							0.1	1.4E+09		Thiofanox	39196-18-4					2.3E+01	9.9E+01		1.9E+01
				8.0E-02	I							0.1	1.4E+09		Thiophanate, Methyl	23564-05-8					6.3E+03	2.6E+04		5.1E+03
				5.0E-03	I							0.1	1.4E+09		Thiram	137-26-8					3.9E+02	1.6E+03		3.2E+02
				6.0E-01	H								1.4E+09		Tin	7440-31-5					4.7E+04			4.7E+04
						1.0E-04	A	V					1.4E+09		Titanium Tetrachloride	7550-45-0								1.4E+05
				8.0E-02	I	5.0E+00	I	V					8.2E+02	1.4E+09	4.3E+03	Toluene	108-88-3					6.3E+03		2.2E+04
1.8E-01	X			2.0E-04	X							0.1	1.4E+09		Toluene 2,5-diamine	95-70-5	3.9E+00	1.4E+01	3.0E+00		1.6E+01	6.6E+01		1.3E+01
3.0E-02	P			4.0E-03	X							0.1	1.4E+09		Toluidine, p	106-49-0	2.3E+01	8.2E+01	1.8E+01		3.1E+02	1.3E+03		2.5E+02
				3.0E+00	P				V				3.4E-01	1.4E+09	1.1E+03	Total Petroleum Hydrocarbons (Aliphatic High)	NA				2.3E+05			2.3E+05
						6.0E-01	P	V					1.4E+02	1.4E+09	8.3E+02	Total Petroleum Hydrocarbons (Aliphatic Low)	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	Total Petroleum Hydrocarbons (Aliphatic Medium)	NA				7.8E+02		1.1E+02	9.6E+01
				4.0E-02	P							0.1	1.4E+09		Total Petroleum Hydrocarbons (Aromatic High)	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	Total Petroleum Hydrocarbons (Aromatic Low)	NA				3.1E+02		1.1E+02	8.2E+01
1.1E+00	I	3.2E-04	I	4.0E-03	P	3.0E-03	P	V				0.1	1.4E+09		5.2E+04	Total Petroleum Hydrocarbons (Aromatic Medium)	NA				3.1E+02		1.6E+02	1.1E+02
				7.5E-03	I							0.1	1.4E+09		Toxaphene	8001-35-2	6.3E-01	2.2E+00	1.2E+04	4.9E-01				1.1E+02
				3.0E-04	A				V				1.4E+09	3.4E+03	Tralomepridin	66841-25-6					5.9E+02	2.5E+03		4.7E+02
				8.0E+01	X							0.1	1.4E+09		Tri-n-butyltin	688-73-3					2.3E+01			2.3E+01
												0.1	1.4E+09		Triacetin	102-76-1					6.3E+06	2.6E+07		5.1E+06
				3.0E-02	I							0.1	1.4E+09		Triadimefon	43121-43-3					2.3E+03	9.9E+03		1.9E+03
				1.3E-02	I				V				1.4E+09	3.6E+05	Triallate	2303-17-5					1.0E+03			1.0E+03
				1.0E-02	I							0.1	1.4E+09		Triasulfuron	82097-50-5					7.8E+02	3.3E+03		6.3E+02
				8.0E-03	I							0.1	1.4E+09		Tribenuron-methyl	101200-48-0					6.3E+02	2.6E+03		5.1E+02
				5.0E-03	I				V				1.4E+09	4.8E+04	Tribromobenzene, 1,2,4-	615-54-3					3.9E+02			3.9E+02
9.0E-03	P			1.0E-02	P							0.1	1.4E+09		Tributyl Phosphate	126-73-8	7.7E+01	2.7E+02	6.0E+01		7.8E+02	3.3E+03		6.3E+02
				3.0E-04	P							0.1	1.4E+09		Tributyltin Compounds	NA					2.3E+01	9.9E+01		1.9E+01
				3.0E-04	I							0.1	1.4E+09		Tributyltin Oxide	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	Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1					2.3E+06		4.0E+04
7.0E-02	I			2.0E-02	I							0.1	1.4E+09		Trichloroacetic Acid	76-03-9	9.9E+00	3.5E+01	7.8E+00		1.6E+03	6.6E+03		1.3E+03
2.9E-02	H											0.1	1.4E+09		Trichloroaniline HCl, 2,4,6-	33663-50-2	2.4E+01	8.5E+01	1.9E+01		2.3E+00	9.9E+00		1.9E+00
7.0E-03	X			3.0E-05	X							0.1	1.4E+09		Trichloroaniline, 2,4,6-	634-93-5	9.9E+01	3.5E+02	7.8E+01		2.3E+00	9.9E+00		1.9E+00
				8.0E-04	X				V				1.4E+09	3.2E+04	Trichlorobenzene, 1,2,3-	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	Trichlorobenzene, 1,2,4-	120-82-1	2.4E+01	2.4E+01		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	Trichloroethane, 1,1,1-	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	Trichloroethane, 1,1,2-	79-00-5	1.2E+01	1.3E+00	1.1E+00		3.1E+02		1.5E+00
4.6E-02	I	4.1E-06	I	5.0E-04	I	2.0E-03	I	V	M				6.9E+02	1.4E+09	2.2E+03	Trichloroethylene	79-01-6	8.8E+00	1.1E+00	9				

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-06				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 _i (mg/m ³)	k e	v	muta- gen	GI/ABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (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-03	X	3.0E-04	P	V		1		3.1E+02	1.4E+09	2.3E+03	Trichloropropene, 1,2,3-	96-19-5					2.3E+02		7.3E-01	7.3E-01
				2.0E-02	A					1	0.1	1.4E+09			Tricresyl Phosphate (TCP)	1330-78-5				1.6E+03	6.6E+03		1.3E+03	
				3.0E-03	I					1	0.1	1.4E+09			Tridiphane	58138-08-2				2.3E+02	9.9E+02		1.9E+02	
						7.0E-03	I	V		1		2.8E+04	1.4E+09	1.6E+04	Triethylamine	121-44-8							1.2E+02	1.2E+02
				2.0E+00	P					1	0.1	1.4E+09			Triethylene Glycol	112-27-6				1.6E+05	6.6E+05		1.3E+05	
						2.0E+01	P	V		1		4.8E+03	1.4E+09	7.1E+02	Trifluoroethane, 1,1,1-	420-46-2							1.5E+04	1.5E+04
7.7E-03	I			7.5E-03	I			V		1		1.4E+09	5.1E+05		Trifluralin	1582-09-8	9.0E+01			9.0E+01	5.9E+02			5.9E+02
2.0E-02	P			1.0E-02	P					1	0.1	1.4E+09			Trimethyl Phosphate	512-56-1	3.5E+01	1.2E+02		2.7E+01	7.8E+02	3.3E+03		6.3E+02
						5.0E-03	P	V		1		2.9E+02	1.4E+09	9.4E+03	Trimethylbenzene, 1,2,3-	526-73-8							4.9E+01	4.9E+01
						7.0E-03	P	V		1		2.2E+02	1.4E+09	7.9E+03	Trimethylbenzene, 1,2,4-	95-63-6							5.8E+01	5.8E+01
				1.0E-02	X			V		1		1.8E+02	1.4E+09	6.6E+03	Trimethylbenzene, 1,3,5-	108-67-8					7.8E+02			7.8E+02
				1.0E-02	X			V		1		3.0E+01	1.4E+09	1.0E+03	Trimethylpentene, 2,4,4-	25167-70-8					7.8E+02			7.8E+02
				3.0E-02	I					1	0.019	1.4E+09			Trinitrobenzene, 1,3,5-	99-35-4					2.3E+03	5.2E+04		2.2E+03
				5.0E-04	I					1	0.032	1.4E+09			Tri-nitro-toluene, 2,4,6-	118-96-7	2.3E+01	2.6E+02		2.1E+01	3.9E+01	5.2E+02		3.6E+01
				2.0E-02	P					1	0.1	1.4E+09			Triphenylphosphine Oxide	791-28-6					1.6E+03	6.6E+03		1.3E+03
				2.0E-02	A					1	0.1	1.4E+09			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	0.1	1.4E+09			Tris(1-chloro-2-propyl)phosphate	13674-84-5					7.8E+02	3.3E+03		6.3E+02
								V		1		4.7E+02	1.4E+09	9.0E+05	Tris(2,3-dibromopropyl)phosphate	126-72-7	3.0E-01		3.8E+00	2.8E-01				
2.0E-02	P			7.0E-03	P					1	0.1	1.4E+09			Tris(2-chloroethyl)phosphate	115-96-8	3.5E+01	1.2E+02		2.7E+01	5.5E+02	2.3E+03		4.4E+02
3.2E-03	P			1.0E-01	P					1	0.1	1.4E+09			Tris(2-ethylhexyl)phosphate	78-42-2	2.2E+02	7.7E+02		1.7E+02	7.8E+03	3.3E+04		6.3E+03
				8.0E-04	P					1		1.4E+09			Tungsten	7440-33-7					6.3E+01			6.3E+01
1.0E+00	C	2.9E-04	C	3.0E-03	I	4.0E-05	A			1		1.4E+09			Uranium (Soluble Salts)	NA	1.5E-01	6.0E-01	4.8E+03	1.2E-01	2.3E+02		5.7E+04	2.3E+02
		8.3E-03	P	9.0E-03	I	7.0E-06	P		M	1	0.1	1.4E+09			Urethane	51-79-6					7.0E+02		9.9E+03	6.6E+02
										0.026		1.4E+09			Vanadium Pentoxide	1314-62-1				4.6E+02				
				5.0E-03	S	1.0E-04	A			0.026		1.4E+09			Vanadium and Compounds	7440-62-2					3.9E+02		1.4E+05	3.9E+02
				1.0E-03	I			V		1		1.4E+09	1.2E+05		Verdilate	1929-77-7					7.8E+01			7.8E+01
				2.5E-02	I					1	0.1	1.4E+09			Vinclozolin	50471-44-8					2.0E+03	8.2E+03		1.6E+03
				1.0E+00	H	2.0E-01	I	V		1		2.8E+03	1.4E+09	4.4E+03	Vinyl Acetate	108-05-4					7.8E+04		9.2E+02	9.1E+02
		3.2E-05	H			3.0E-03	I	V		1		2.5E+03	1.4E+09	1.4E+03	Vinyl Bromide	593-60-2			1.2E-01	1.2E-01			4.3E+00	4.3E+00
7.2E-01	I	4.4E-06	I	3.0E-03	I	1.0E-01	I	V	M	1		3.9E+03	1.4E+09	9.6E+02	Vinyl Chloride	75-01-4	9.4E-02		1.6E-01	5.9E-02	2.3E+02		1.0E+02	7.0E+01
				3.0E-04	I					1	0.1	1.4E+09			Warfarin	81-81-2					2.3E+01	9.9E+01		1.9E+01
				2.0E-01	S	1.0E-01	S	V		1		3.9E+02	1.4E+09	5.6E+03	Xylene, p-	106-42-3					1.6E+04		5.8E+02	5.6E+02
				2.0E-01	S	1.0E-01	S	V		1		3.9E+02	1.4E+09	5.5E+03	Xylene, m-	108-38-3					1.6E+04		5.7E+02	5.5E+02
				2.0E-01	S	1.0E-01	S	V		1		4.3E+02	1.4E+09	6.5E+03	Xylene, o-	95-47-6					1.6E+04		6.7E+02	6.5E+02
				2.0E-01	I	1.0E-01	I	V		1		2.6E+02	1.4E+09	5.7E+03	Xylenes	1330-20-7					1.6E+04		6.0E+02	5.8E+02
				3.0E-04	I					1		1.4E+09			Zinc Phosphide	1314-84-7					2.3E+01			2.3E+01
				3.0E-01	I					1		1.4E+09			Zinc and Compounds	7440-66-6					2.3E+04			2.3E+04
				5.0E-02	I					1	0.1	1.4E+09			Zineb	12122-67-7	3.9E+03				3.9E+03	1.6E+04		3.2E+03
				8.0E-05	X					1		1.4E+09			Zirconium	7440-67-7					6.3E+00			6.3E+00

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Toxicity and Chemical-specific Information													Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 1				
SFO (mg/kg-day) ^a	k _e (y ⁻¹)	IUR (ug/m ³) ⁻¹	k _e (y ⁻¹)	RfD _o (mg/kg-day)	k _e (y ⁻¹)	RfC _i (mg/m ³)	k _v (y ⁻¹)	muta- gen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1E-06 (ug/L)	Dermal SL TR=1E-06 (ug/L)	Inhalation SL TR=1E-06 (ug/L)	Carcinogenic SL TR=1E-06 (ug/L)	Ingestion SL Child THQ=1 (ug/L)	Dermal SL Child THQ=1 (ug/L)	Inhalation SL Child THQ=1 (ug/L)	Noncarcinogenic SL Child THI=1 (ug/L)	MCL (ug/L)
8.7E-03	I	2.2E-06	I	4.0E-03	I	9.0E-03	I	V	-0.85	1	1	Yes	Acetate	30560-19-1	9.0E+00	1.2E+04	2.6E+00	8.9E+00	8.0E+01	1.1E+05	1.9E+01	8.0E+01	
				2.0E-02	I	3.0E-03	I	V	-0.34	1	1	Yes	Acetaldehyde	75-07-0				2.6E+00	4.0E+02	2.9E+03	1.9E+01	1.9E+01	
					I	3.1E+01	A	V	3.03	1	0.9	Yes	Acetochlor	34256-82-1					4.0E+02	2.9E+03	1.9E+01	3.5E+02	
9.0E-01	I				I	2.0E-03	X		-0.24	1	1	Yes	Acetone	67-64-1					1.8E+04	4.4E+06	6.4E+04	1.4E+04	
					I	6.0E-02	I	V	-0.03	1	1	Yes	Acetone Cyanohydrin	75-86-5							1.3E+02	1.3E+02	
					I	6.0E-02	I	V	-0.34	1	1	Yes	Acetonitrile	75-05-8									
3.8E+00	C	1.3E-03	C	1.0E-01	I			V	1.58	1	1	Yes	Acetophenone	98-86-2					2.0E+03	4.6E+04		1.9E+03	
				5.0E-04	I	2.0E-05	I	V	3.12	1	1	Yes	Acetylaminofluorene, 2-	53-96-3	2.1E-02	6.7E-02		1.6E-02	1.0E+01	1.7E+03	4.2E-02	4.2E-02	
					I				-0.01	1	1	Yes	Acrolein	107-02-8									
5.0E-01	I	1.0E-04	I	2.0E-03	I	6.0E-03	I	M	-0.67	1	1	Yes	Acrylamide	79-06-1	5.0E-02	2.3E+01		5.0E-02	4.0E+01	2.1E+04	2.1E+00	4.0E+01	
				5.0E-01	I	1.0E-03	I	V	0.35	1	1	Yes	Acrylic Acid	79-10-7					1.0E+04	1.1E+06	2.1E+00	2.1E+00	
5.4E-01	I	6.8E-05	I	4.0E-02	A	2.0E-03	I	V	0.25	1	1	Yes	Acrylonitrile	107-13-1	1.4E-01	1.4E+01	8.3E-02	5.2E-02	8.0E+02	8.9E+04	4.2E+00	4.1E+00	
5.6E-02	C			1.0E-02	I	6.0E-03	P		-0.32	1	1	Yes	Adiponitrile	111-69-3					2.0E+02	6.9E+02		1.6E+02	2.0E+00
				1.0E-03	I				3.52	1	0.9	Yes	Alachlor	15972-60-8	1.4E+00	4.4E+00		1.1E+00	2.0E+01	1.4E+03	2.0E+01	2.0E+01	3.0E+00
					I				1.13	1	1	Yes	Aldicarb	116-06-3							2.4E+04	2.0E+01	4.0E+00
				1.0E-03	I				-0.57	1	1	Yes	Aldicarb Sulfone	1646-88-4					2.0E+01	2.4E+04		2.0E+01	
					I				-0.78	1	1	Yes	Aldicarb sulfoxide	1646-87-3									4.0E+00
1.7E+01	I	4.9E-03	I	3.0E-05	I			V	6.5	1	1	No	Aldrin	309-00-2	4.6E-03		1.1E-03	9.2E-04	6.0E-01			6.0E-01	
2.1E-02	C	6.0E-06	C	5.0E-03	I	1.0E-04	X	V	0.17	1	1	Yes	Allyl Alcohol	107-18-6					1.0E+02	1.3E+04	2.1E-01	2.1E-01	
				1.0E+00	P	5.0E-03	P		1.93	1	1	Yes	Allyl Chloride	107-05-1	3.7E+00	3.5E+01	9.4E-01	7.3E-01	2.0E+04	4.6E+06	2.1E+00	2.0E+04	
					I					1	1	Yes	Aluminum	7429-90-5									
				4.0E-04	I					1	1	Yes	Aluminum Phosphide	20859-73-8					8.0E+00	1.8E+03		8.0E+00	
2.1E+01	C	6.0E-03	C	9.0E-03	I				2.98	1	1	Yes	Ametryn	834-12-8					1.8E+02	9.8E+02		1.5E+02	
					I				2.86	1	1	Yes	Aminobiphenyl, 1,1'	92-67-1	3.7E-03	1.5E-02		3.0E-03					
				8.0E-02	P				0.21	1	1	Yes	Aminophenol, m-	591-27-5					1.6E+03	2.8E+05		1.6E+03	
				2.0E-02	P				0.04	1	1	Yes	Aminophenol, p-	123-30-8					4.0E+02	9.1E+04		4.0E+02	
				2.5E-03	I				5.5	1	0.9	Yes	Amtraz	33089-61-1					5.0E+01	9.8E+00		8.2E+00	
				1.0E-01	I	V			0.23	1	1	Yes	Ammonia	7664-41-7									
				2.0E-01	I					1	1	Yes	Ammonium Sulfamate	7773-06-0					4.0E+03	9.1E+05		4.0E+03	
					I	3.0E-03	X	V	0.89	1	1	Yes	Amyl Alcohol, tert-	75-85-4							6.3E+00	6.3E+00	
5.7E-03	I	1.6E-06	C	7.0E-03	P	1.0E-03	I		0.9	1	1	Yes	Aniline	62-53-3	1.4E+01	6.9E+02		1.3E+01	1.4E+02	7.7E+03		1.4E+02	
4.0E-02	P			2.0E-03	X				3.39	1	0.9	Yes	Anthraquinone, 9,10-	84-65-1	1.9E+00	5.1E+00		1.4E+00	4.0E+01	1.1E+02		3.0E+01	
				4.0E-04	I				0.15	1	1	Yes	Antimony (metallic)	7440-36-0					8.0E+00	2.7E+02		7.8E+00	6.0E+00
				5.0E-04	H				0.15	1	1	Yes	Antimony Pentoxide	1314-60-9					1.0E+01	3.4E+02		9.7E+00	
				4.0E-04	H				0.15	1	1	Yes	Antimony Trioxide	1332-81-6					8.0E+00	2.7E+02		7.8E+00	
					I	2.0E-04	I		0.15	1	1	Yes	Antimony Trioxide	1309-64-4									
1.5E+00	I	4.3E-03	I	3.0E-04	I	1.5E-05	C			1	1	Yes	Arsenic, Inorganic	7440-38-2	5.2E-02	9.7E+00		5.2E-02	6.0E+00	1.4E+03		6.0E+00	1.0E+01
				3.5E-06	C	5.0E-05	I			1	1	Yes	Arsine	7784-42-1					7.0E-02	1.6E+01		7.0E-02	
				5.0E-02	I				-0.27	1	1	Yes	Asulam	3337-71-1					1.0E+03	8.0E+05		1.0E+03	
2.3E-01	C			3.5E-02	I				2.61	1	1	Yes	Atrazine	1912-24-9	3.4E-01	2.8E+00		3.0E-01	7.0E+02	6.2E+03		6.3E+02	3.0E+00
8.8E-01	C	2.5E-04	C	4.0E-04	I				2.98	1	0.9	Yes	Auramine	492-80-8	8.9E-02	2.7E-01		6.7E-02	8.0E+00			8.0E+00	
					I				4.48	1	1	No	Avermectin B1	65195-55-3									
1.1E-01	I	3.1E-05	I	3.0E-03	A	1.0E-02	A		2.75	1	1	Yes	Azinphos-methyl	86-50-0					6.0E+01	8.3E+02		5.6E+01	
				1.0E+00	P	7.0E-06	P		3.82	1	1	Yes	Azobenzene	103-33-3	7.1E-01	7.3E-01	1.8E-01	1.2E-01	2.0E+04	6.8E+07		2.0E+04	
					I	5.0E-04	H		0.07	1	1	Yes	Azodicarbonamide	123-77-3									
5.0E-01	C	1.5E-01	C	2.0E-01	I	5.0E-04	H			0.07	1	Yes	Barium	7440-39-3					4.0E+03	6.4E+04		3.8E+03	2.0E+03
				2.0E-02	C	2.0E-04	C	M	0.025	1	1	Yes	Barium Chromate	10294-40-3	5.0E-02	2.3E-01		4.1E-02	4.0E+02	2.3E+03		3.4E+02	
				3.0E-01	I			V	5.29	1	0.8	Yes	Benfluralin	1861-40-1					6.0E+03	2.4E+03		1.7E+03	
				5.0E-02	I				2.12	1	1	Yes	Benomyl	17804-35-2					1.0E+03	3.0E+04		9.7E+02	
				2.0E-01	I				2.18	1	1	Yes	Bensulfuron-methyl	83055-99-6					4.0E+03	2.4E+05		3.9E+03	
				3.0E-02	I				2.34	1	1	Yes	Bentazon	25057-89-0					6.0E+02	9.4E+03		5.7E+02	
				1.0E-01	I			V	1.48	1	1	Yes	Benzaldehyde	100-52-7					2.0E+03	4.9E+04		1.9E+03	
5.5E-02	I	7.8E-06	I	4.0E-03	I	3.0E-02	I	V	2.13	1	1	Yes	Benzene	71-43-2	1.4E+00	9.8E+00	7.2E-01	4.6E-01	8.0E+01	6.1E+02	6.3E+01	3.3E+01	5.0E+00
1.0E-01	X			3.0E-04	X				-3.727	1	1	No	Benzenediamine-2-methyl sulfate, 1,4-	6369-59-1	7.8E-01			7.8E-01	6.0E+00			6.0E+00	
2.3E+02	I	6.7E-02	I	1.0E-03	P			V	2.52	1	1	Yes	Benzenethiol	108-98-5					2.0E+01	1.0E+02		1.7E+01	
				3.0E-03	I				1.34	1	1	Yes	Benzidine	92-87-5	1.1E-04	5.0E-03		1.1E-04	6.0E+01	3.0E+03		5.9E+01	
				4.0E+00	I				1.87	1	1	Yes	Benzoic Acid	65-85-0					8.0E+04	1.2E+06		7.5E+04	
1.3E+01	I				I				3.9	1	1	Yes	Benzotrithloride	98-07-7	6.0E-03	6.0E-03		3.0E-03	2.0E+03	8.9E			

Regional Screening Level (RSL) Resident Tapwater Table (TR=1E-06, HQ=1) November 2015

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-06				Noncancer CHILd Hazard Index (HI) = 1				
SFO (mg/kg-day) ⁻¹	k _e	IUR (ug/m ³) ⁻¹	k _e	RfD _a (mg/kg-day)	k _e	RfC _i (mg/m ³) ⁻¹	k _e	mutagen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1E-06 (ug/L)	Dermal SL TR=1E-06 (ug/L)	Inhalation SL TR=1E-06 (ug/L)	Carcinogenic SL TR=1E-06 (ug/L)	Ingestion SL Child THQ=1 (ug/L)	Dermal SL Child THQ=1 (ug/L)	Inhalation SL Child THQ=1 (ug/L)	Noncarcinogenic SL Child THQ=1 (ug/L)	MCL (ug/L)
				4.0E-02					2.48	1	1	Yes	Bis(2-chloro-1-methylethyl) ether	108-60-1					8.0E+02	6.5E+03		7.1E+02	
				3.0E-03					1.3	1	1	Yes	Bis(2-chloroethoxy)methane	111-91-1					6.0E+01	3.0E+03		5.9E+01	
1.1E+00	I	3.3E-04	I						1.29	1	1	Yes	Bis(2-chloroethyl)ether	111-44-4	7.1E-02	2.7E+00	1.7E-02	1.4E-02					
2.2E+02	I	6.2E-02	I						0.57	1	1	Yes	Bis(chloromethyl)ether	542-88-1	3.5E-04	3.4E-02	9.1E-05	7.2E-05					
				5.0E-02					3.32	1	1	Yes	Bisphenol A	80-05-7					1.0E+03	3.2E+03		7.7E+02	
				2.0E-01						1	1	Yes	Boron And Borates Only	7440-42-8					4.0E+03	9.1E+05		4.0E+03	
				2.0E+00					1.16	1	1	Yes	Boron Trichloride	10294-34-5					4.0E+04	9.1E+06	4.2E+01	4.2E+01	
				4.0E-02					0.22	1	1	Yes	Boron Trifluoride	7637-07-2					8.0E+02	1.8E+05	2.7E+01	2.6E+01	
7.0E-01	I			4.0E-03						1	1	Yes	Bromate	15541-45-4	1.1E-01	2.1E+01		1.1E-01	8.0E+01	1.8E+04		8.0E+01	1.0E+01
2.0E+00	X	6.0E-04	X						1.92	1	1	Yes	Bromo-2-chloroethane, 1-Bromobenzene	107-04-0	3.9E-02	5.7E-01	9.4E-03	7.4E-03					
				8.0E-03					2.99	1	1	Yes		108-86-1					1.6E+02	5.4E+02	1.3E+02	6.2E+01	
				4.0E-02					1.41	1	1	Yes	Bromochloromethane	74-97-5								8.3E+01	8.3E+01
6.2E-02	I	3.7E-05	C	2.0E-02	I				2	1	1	Yes	Bromodichloromethane	75-27-4	1.3E+00	1.9E+01	1.5E-01	1.3E-01	4.0E+02	6.5E+03	6.2E+03	3.8E+02	8.0E+01(F)
7.9E-03	I	1.1E-06	I	2.0E-02	I				2.4	1	1	Yes	Bromoform	75-25-2	9.9E+00	1.4E+02	5.1E+00	3.3E+00	4.0E+02	6.5E+03		3.8E+02	8.0E+01(F)
				1.4E-03					1.19	1	1	Yes	Bromomethane	74-83-9					2.8E+01	1.0E+03	1.0E+01	7.5E+00	
				5.0E-03					5.21	1	0.8	Yes	Bromophos	2104-96-3					1.0E+02	5.5E+01		3.5E+01	
				2.0E-02					2.8	1	0.9	Yes	Bromoxynil	1689-84-5					4.0E+02	1.8E+03		3.3E+02	
3.4E+00	C	3.0E-05	I	2.0E-02	I				5.4	1	0.8	Yes	Bromoxynil Octanoate	1689-99-2					4.0E+02	2.1E+02		1.4E+02	
				2.0E-01					1.99	1	1	Yes	Butadiene, 1,3-Butanol, N-	106-99-0	2.3E-02	1.6E-01	1.9E-01	1.8E-02				4.2E+00	4.2E+00
				1.0E-01					0.88	1	1	Yes		71-36-3					2.0E+03	1.0E+05		2.0E+03	
1.9E-03	P			2.0E-01	I				4.73	1	0.9	Yes	Butyl Benzyl Phthalate	85-68-7	4.1E+01	2.7E+01		1.6E+01	4.0E+03	2.9E+03		1.7E+03	
				2.0E+00	P	3.0E+01	P	V	0.61	1	1	Yes	Butyl alcohol, sec-	78-92-2					4.0E+04	3.0E+06	6.3E+04	2.4E+04	
				5.0E-02	I				4.15	1	1	Yes	Butylate	2008-41-5					1.0E+03	8.5E+02		4.6E+02	
2.0E-04	C	5.7E-08	C						3.5	1	0.8	Yes	Butylated hydroxyanisole	25013-16-5	3.9E+02	2.5E+02		1.5E+02				1.0E+03	
3.6E-03	P			3.0E-01	P				5.1	1	1	Yes	Butylated hydroxytoluene	128-37-0	2.2E+01	4.0E+00		3.4E+00	6.0E+03	1.2E+03		1.0E+03	
				5.0E-02	P				4.38	1	1	No	Butylbenzene, n-	104-51-8					1.0E+03			1.0E+03	
				1.0E-01	X				4.57	1	1	No	Butylbenzene, sec-	135-98-8					2.0E+03			2.0E+03	
				1.0E-01	X				4.11	1	1	Yes	Butylbenzene, tert	98-06-6					2.0E+03	1.1E+03		6.9E+02	
				2.0E-02	A				0.36	1	1	Yes	Cacodylic Acid	75-60-5					4.0E+02	6.7E+04		4.0E+02	
				1.8E-03	I	1.0E-03	I	1.0E-05	A	0.025	1	Yes	Cadmium (Diet)	7440-43-9					1.0E+01	1.1E+02		9.2E+00	5.0E+00
				1.8E-03	I	5.0E-04	I	1.0E-05	A	0.05	1	Yes	Cadmium (Water)	7440-43-9					4.0E+02	2.3E+03		3.4E+02	
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C	M	0.025	1	Yes	Cadmium Chromate	13765-19-0	5.0E-02	2.3E-01		4.1E-02					9.2E+00	
				5.0E-01	I	2.2E-03	C		-0.19	1	1	Yes	Caprolactam	105-60-2					1.0E+04	9.0E+05		9.9E+03	
1.5E-01	C	4.3E-05	C	2.0E-03	I				3.8	1	0.9	Yes	Captafol	2425-06-1	5.2E-01	1.8E+00		4.0E-01	4.0E+01	1.5E+02		3.2E+01	
2.3E-03	C	6.6E-07	C	1.3E-01	I				2.8	1	1	Yes	Captan	183-06-2	3.4E+01	3.6E+02		3.1E+01	2.6E+03	3.0E+04		2.4E+03	
				1.0E-01	I				2.36	1	1	Yes	Carbaryl	63-25-2					2.0E+03	2.4E+04		1.8E+03	
				5.0E-03	I				2.32	1	1	Yes	Carbofuran	1563-66-2					1.0E+02	1.4E+03		9.4E+01	4.0E+01
				1.0E-01	I	7.0E-01	I	V	1.94	1	1	Yes	Carbon Disulfide	75-15-0					2.0E+03	2.0E+04	1.5E+03	8.1E+02	
7.0E-02	I	6.0E-06	I	4.0E-03	I	1.0E-01	I	V	2.83	1	1	Yes	Carbon Tetrachloride	56-23-5	1.1E+00	4.3E+00	9.4E-01	4.6E-01	8.0E+01	3.4E+02	2.1E+02	4.9E+01	5.0E+00
				1.0E-01	I	1.0E-01	P	V	-1.33	1	1	Yes	Carbonyl Sulfide	463-58-1					2.0E+02	6.9E+01	2.1E+02	2.1E+02	
				1.0E-02	I				5.57	1	0.8	Yes	Carbosulfan	55285-14-8					2.0E+02	6.9E+01		5.1E+01	
				1.0E-01	I				2.14	1	1	Yes	Carboxin	5234-68-4					2.0E+03	4.1E+04		1.9E+03	
				9.0E-04	I				1	1	1	Yes	Ceric oxide	1306-38-3									
				1.0E-01	I				0.99	1	1	Yes	Chloral Hydrate	302-17-0					2.0E+03	1.5E+05		2.0E+03	
				1.5E-02	I				1.9	1	1	Yes	Chloramben	133-90-4					3.0E+02	7.4E+03		2.9E+02	
4.0E-01	H			2.22	1	1	Yes		2.22	1	1	Yes	Chloranil	118-75-2	1.9E-01	3.5E+00		1.8E-01					
3.5E-01	I	1.0E-04	I	5.0E-04	I	7.0E-04	I	V	6.26	1	0.7	No	Chlordane	12789-03-6	2.2E-01		5.6E-02	4.5E-02	1.0E+01		1.5E+00	1.3E+00	2.0E+00
1.0E+01	I	4.6E-03	C	3.0E-04	I				5.41	1	0.8	Yes	Chlordecone (Kepone)	143-50-0	7.8E-03	6.5E-03		3.5E-03	6.0E+00	5.4E+00		2.9E+00	
				7.0E-04	A				3.81	1	0.9	Yes	Chlorfeninphos	470-90-6					1.4E+01	5.6E+01		1.1E+01	
				2.0E-02	I				2.5	1	1	Yes	Chlorimuron, Ethyl-	90982-32-4					4.0E+02	1.5E+04		3.9E+02	
				1.0E-01	I	1.5E-04	A	V	0.85	1	1	Yes	Chlorine	7782-50-5					2.0E+03	4.6E+05	3.0E-01	3.0E-01	
				3.0E-02	I	2.0E-04	I	V	1	1	1	Yes	Chlorine Dioxide	10049-04-4					6.0E+02	1.4E+05	4.2E-01	4.2E-01	
				3.0E-02	I				1	1	1	Yes	Chlorite (Sodium Salt)	7758-19-2					6.0E+02	1.4E+05		6.0E+02	1.0E+03
				5.0E+01	I				2.05	1	1	Yes	Chloro-1,1-difluoroethane, 1-Chloro-1,3-butadiene, 2-Chloro-2-methylaniline HCl, 4-	75-68-3					4.0E+02	1.8E+03	1.0E+05	1.0E+05	
4.6E-01	H	3.0E-04	I	2.0E-02	H	2.0E-02	I	V	2.53	1	1	Yes		126-99-8									
				2.27	1	1	Yes		2.27	1	1	Yes		3165-93-3	1.7E-01	5.1E+02		1.7E-01					
1.0E-01	P	7.7E-05	C	3.0E-03	X				2.27	1	1	Yes	Chloro-2-methylaniline, 4-Chloroacetaldehyde, 2-Chloroacetic Acid	95-69-2	7.8E-01	6.6E+00		7.0E-01	6.0E+01	5.6E+02		5.4E+01	
2.7E-01	X								0.09	1	1	Yes		107-20-0	2.9E-01	4.6E+01		2.					

Toxicity and Chemical-specific Information													Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 1				
SFO (mg/kg-day) ⁻¹	k _e IUR (ug/m ³) ⁻¹	k _e RfD _a (mg/kg-day)	k _e RfC _i (mg/m ³) ⁻¹	k _v muta- gen	LOGP	GIABS	FA	In	IP	DP?	Analyte	CAS No.	Ingestion SL TR=1E-06 (ug/L)	Dermal SL TR=1E-06 (ug/L)	Inhalation SL TR=1E-06 (ug/L)	Carcinogenic SL TR=1E-06 (ug/L)	Ingestion SL Child THQ=1 (ug/L)	Dermal SL Child THQ=1 (ug/L)	Inhalation SL Child THQ=1 (ug/L)	Noncarcinogenic SL Child THQ=1 (ug/L)	MCL (ug/L)		
3.0E-03	P	3.0E-01	P	V	3.6	1	1	Yes			Chlorobenzotrifluoride, 4-	98-56-6					6.0E+01	9.3E+01	6.3E+02	3.5E+01			
4.0E-02	P		V		2.64	1	1	Yes			Chlorobutane, 1-	109-69-3					8.0E+02	3.1E+03		6.4E+02			
2.0E-02	P		V		1.08	1	1	Yes			Chlorodifluoromethane	75-45-6					4.0E+02	7.7E+04	1.0E+05	1.0E+05			
			V		0.03	1	1	Yes			Chloroethanol, 2-	107-07-3								4.0E+02			
3.1E-02	C	2.3E-05	I	1.0E-02	I	9.8E-02	A	V	1.97	1	1	Yes	Chloroform	67-66-3	2.5E+00	2.9E+01	2.4E-01	2.2E-01	2.0E+02	2.5E+03	2.0E+02	9.7E+01	8.0E+01(F)
			V		9.0E-02	I	V		0.91	1	1	Yes	Chloromethane	74-87-3									
2.4E+00	C	6.9E-04	C			0.32	1	1	Yes		Chloromethyl Methyl Ether	107-30-2	3.2E-02	3.7E+00	8.1E-03	6.5E-03				1.9E+02	1.9E+02		
3.0E-01	P	3.0E-03	P	1.0E-05	X	2.24	1	1	Yes		Chloronitrobenzene, o-	88-73-3	2.6E-01	2.6E+00		2.4E-01	6.0E+01	6.4E+02		5.5E+01			
6.3E-03	P	1.0E-03	P	6.0E-04	P	2.39	1	1	Yes		Chloronitrobenzene, p-	100-00-5	1.2E+01	9.7E+01		1.1E+01	2.0E+01	1.7E+02		1.8E+01			
			V		2.15	1	1	Yes			Chlorophenol, 2-	95-57-8					1.0E+02	1.0E+03		9.1E+01			
			V		2.09	1	1	Yes			Chloropicrin	76-06-2							8.3E-01	8.3E-01			
3.1E-03	C	8.9E-07	C	1.5E-02	I	3.05	1	0.9	Yes		Chlorothalonil	1897-45-6	2.5E+01	1.6E+02		2.2E+01	3.0E+02	2.1E+03		2.6E+02			
			V		3.42	1	1	Yes			Chlorotoluene, o-	95-49-8					4.0E+02	5.8E+02		2.4E+02			
			V		3.33	1	1	Yes			Chlorotoluene, p-	106-43-4					4.0E+02	6.6E+02		2.5E+02			
2.4E+02	C	6.9E-02	C			-1.02	1	1	Yes		Chlorozotocin	54749-90-5	3.2E-04	1.0E+00		3.2E-04	4.0E+03	9.8E+03		2.8E+03			
			I		3.51	1	0.9	Yes			Chlorpropham	101-21-3					4.0E+03	9.8E+03		2.8E+03			
			A		4.96	1	0.8	Yes			Chlorpyrifos	2921-88-2					2.0E+01	1.5E+01		8.4E+00			
			H		4.31	1	0.9	Yes			Chlorpyrifos Methyl	5598-13-0					2.0E+02	2.9E+02		1.2E+02			
			I		2	1	1	Yes			Chlorsulfuron	64902-72-3					1.0E+03	5.7E+04		9.9E+02			
			I		4.28	1	0.9	Yes			Chlorthal-dimethyl	1861-32-1					2.0E+02	3.3E+02		1.2E+02			
			H		5.8	1	0.8	Yes			Chlorthiophos	60238-56-4					1.6E+01	3.4E+00		2.8E+00			
			I		0.013	1	1	Yes			Chromium(III), Insoluble Salts	16065-83-1					3.0E+04	8.9E+04		2.2E+04			
5.0E-01	J	8.4E-02	S	3.0E-03	I	1.0E-04	I	M	0.025	1	Yes	Chromium(VI)	18540-29-9	5.0E-02	1.2E-01		3.5E-02	6.0E+01	1.7E+02		4.4E+01		
			I		0.013	1	1	Yes			Chromium, Total	7440-47-3					6.0E+01	1.7E+02		4.4E+01	1.0E+02		
			I		3.1	1	0.9	Yes			Clofentezine	74115-24-5					2.6E+02	2.1E+03		2.3E+02			
9.0E-03	P	3.0E-04	P	6.0E-06	P	1	1	Yes			Cobalt	7440-48-4					6.0E+00	3.4E+03		6.0E+00			
6.2E-04	I		V	M	1	0					Coke Oven Emissions	8007-45-2					8.0E+02	1.8E+05		8.0E+02	1.3E+03		
			H		1	1	1	Yes			Copper	7440-50-8											
			I	6.0E-01	C	1.96	1	1	Yes		Cresol, m-	108-39-4					1.0E+03	1.2E+04		9.3E+02			
			I	6.0E-01	C	1.95	1	1	Yes		Cresol, o-	95-48-7					1.0E+03	1.2E+04		9.3E+02			
			A	6.0E-01	C	1.94	1	1	Yes		Cresol, p-	106-44-5					2.0E+03	2.5E+04		1.9E+03			
			A			3.1	1	1	Yes		Cresol, p-chloro-m-	59-50-7					2.0E+03	5.2E+03		1.4E+03			
			A	6.0E-01	C	1.95	1	0.9	Yes		Cresols	1319-77-3					2.0E+03	6.7E+03		1.5E+03			
1.9E+00	H	1.0E-03	P	V	0.6	1	1	Yes			Crotonaldehyde, trans-	123-73-9	4.1E-02	2.7E+00		4.0E-02	2.0E+01	1.5E+03		2.0E+01			
			I	4.0E-01	I	V			3.66	1	1	Yes	Cumene	98-82-8							4.5E+02		
2.2E-01	C	6.3E-05	C			-1.73	1	1	Yes		Cupferron	135-20-6	3.5E-01	1.3E+04		3.5E-01	2.0E+03	1.9E+03	8.3E+02		4.5E+02		
8.4E-01	H	2.0E-03	H			2.22	1	1	Yes		Cyanazine	21725-46-2	9.3E-02	1.6E+00		8.8E-02	4.0E+01	7.6E+02		3.8E+01			
			I		1	1	1	Yes			Cyanides												
			I		1	1	1	Yes			*Calcium Cyanide	592-01-8					2.0E+01	4.6E+03		2.0E+01			
			I		1	1	1	Yes			*Copper Cyanide	544-92-3					1.0E+02	2.3E+04		1.0E+02			
			I	8.0E-04	S	V			1	1	Yes	*Cyanide (CN-)	57-12-5				1.2E+01	2.7E+03	1.7E+00	1.5E+00	2.0E+02		
			I		V	0.07	1	1	Yes		*Cyanogen	460-19-5					2.0E+01	5.1E+03		2.0E+01			
			I		V	1	1	1	Yes		*Cyanogen Bromide	506-68-3					1.8E+03	1.6E+06		1.8E+03			
			I		V	1	1	1	Yes		*Cyanogen Chloride	506-77-4					1.0E+03	5.8E+05		1.0E+03			
			I	8.0E-04	I	V			-0.25	1	1	Yes	*Hydrogen Cyanide	74-90-8			1.2E+01	2.7E+03	1.7E+00	1.5E+00			
			I		V	1	1	1	Yes		*Potassium Cyanide	151-50-8					4.0E+01	4.6E+03		4.0E+01			
			I			0.04	1	1	Yes		*Potassium Silver Cyanide	506-61-6					1.0E+02	4.6E+02		8.2E+01			
			I			0.04	1	1	Yes		*Silver Cyanide	506-64-9					2.0E+03	1.8E+04		1.8E+03			
			I			1	1	1	Yes		*Sodium Cyanide	143-33-9					2.0E+01	4.6E+03		2.0E+01	2.0E+02		
			P			1	0	Yes			*Thiocyanates	NA					4.0E+00	9.1E+02		4.0E+00			
			X	V	0.58	1	1	Yes			*Thiocyanic Acid	463-56-9					4.0E+00	9.1E+02		4.0E+00			
			I			1	1	1	Yes		*Zinc Cyanide	557-21-1					1.0E+03	3.8E+05		1.0E+03			
			I	6.0E+00	I	V			3.44	1	1	Yes	Cyclohexane	110-82-7						1.3E+04	1.3E+04		
			I		V	4.72	1	0.9	Yes		Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	3.4E+00	8.3E+00		2.4E+00	1.0E+05	6.5E+06	1.5E+03	1.4E+03			
			I	7.0E-01	P	V			0.81	1	1	Yes	Cyclohexanone	108-94-1									
			P	1.0E+00	X	V			2.86	1	1	Yes	Cyclohexene	110-83-8							7.0E+01		
			I		V	1.49	1	1	Yes		Cyclohexylamine	108-91-8					4.0E+03	9.3E+04		3.8E+03			
			I		V	5.95	1	0.7	Yes		Cyfluthrin	68359-37-5					5.0E+02	1.6E+02		1.2E+02			
			I			6.9	1	0.5	No		Cyhalothrin	68085-85-8					1.0E+02			1.0E+02			
			I			6.6	1	0.7	No		Cypermethrin	52315-07-8					2.0E+02			2.0E+02			
			I			-0.061	1	1	Yes		Cyromazine	66215-27-8					1.5E+02	1.2E+04		1.5E+02			
2.4E-01	I	6.9E-05	C			6.02	1	0.8	Yes		DDD	72-54-8	3.2E-01	3.5E-02		3.2E-02							
3.4E-01	I	9.7E-05	C			6.51	1	0.8	No		DDE, p,p'	72-55-9	2.3E-01		5.8E-02	4.6E-02							
3.4E-01	I	9.7E-05	I	5.0E-04	I				6.91	1	0.7	No	DDT	50-29-3	2.3E-01			2.3E-01	1.0E+01	1.0E+01			

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-06				Noncancer CHILd Hazard Index (HI) = 1					
SFO (mg/kg-day) ¹	k _e y	IUR (ug/m ³) ⁻¹	k _e y	RfD _a (mg/kg-day)	k _e y	RfC _i (mg/m ³) ¹	k _e y	muta- gen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1E-06 (ug/L)	Dermal SL TR=1E-06 (ug/L)	Inhalation SL TR=1E-06 (ug/L)	Carcinogenic SL TR=1E-06 (ug/L)	Ingestion SL Child THQ=1 (ug/L)	Dermal SL Child THQ=1 (ug/L)	Inhalation SL Child THQ=1 (ug/L)	Noncarcinogenic SL Child THQ=1 (ug/L)	MCL (ug/L)
1.8E-02 7.0E-04	C	5.1E-06	C	3.0E-02 1.5E-01 7.0E-03	I				0.78 -1.5 12.11	1	1	Yes	Dalapon Daminozide Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209)	75-99-0 1596-84-5 1163-19-5	4.3E+00 1.1E+02	1.3E+04		4.3E+00 1.1E+02	6.0E+02 3.0E+03 1.4E+02	5.5E+04 1.0E+07		6.0E+02 3.0E+03 1.4E+02	2.0E+02
1.2E-03 6.1E-02	I		I	4.0E-05 6.0E-01	I				3.21 6.11 4.49	1	0	Yes	Demeton Di(2-ethylhexyl)adipate Diallate	8065-48-3 103-23-1 2303-16-4	6.5E+01 1.3E+00	9.2E-01		6.5E+01 5.4E-01	8.0E-01 1.2E+04	8.8E-01		4.2E-01 1.2E+04	4.0E+02
8.0E-01	P	6.0E-03	P	7.0E-04 1.0E-02 2.0E-04	A X P				3.81 4.38 2.96	1	0.9	Yes	Diazinon Dibenzothiophene Dibromo-3-chloropropane, 1,2-	333-41-5 132-65-0 96-12-8	3.1E-02	1.7E-01	3.4E-04	3.3E-04	1.4E+01 2.0E+02 4.0E+00	3.9E+01 9.6E+01 2.4E+01	4.2E-01	1.0E+01 6.5E+01 3.7E-01	2.0E-01
8.4E-02	I		I	4.0E-04 1.0E-02 2.0E-02	X I I				3.75 3.79 2.16	1	0.9	Yes	Dibromobenzene, 1,3- Dibromobenzene, 1,4- Dibromochloromethane	108-36-1 106-37-6 124-48-1	9.3E-01	1.4E+01		8.7E-01	8.0E+00 2.0E+02 4.0E+02	1.6E+01 3.7E+02 6.7E+03		5.3E+00 1.3E+02 3.8E+02	8.0E+01(F)
2.0E+00	I	6.0E-04	I	9.0E-03 4.0E-03 3.0E-04	I X P				1.96 1.7 1	1	1	Yes	Dibromoethane, 1,2- Dibromomethane (Methylene Bromide) Dibutyltin Compounds	106-93-4 74-95-3 NA	3.9E-02	7.1E-01	9.4E-03	7.5E-03	1.8E+02 6.0E+00	3.6E+03 1.0E+04	1.9E+01 8.3E+00	1.7E+01 8.3E+00 6.0E+00	5.0E-02
5.0E-02	I	4.2E-03	P	3.0E-02 4.2E-03 4.2E-03	I P P				2.21 2.6 2.6	1	1	Yes	Dicamba Dichloro-2-butene, 1,4- Dichloro-2-butene, cis-1,4-	1918-00-9 764-41-0 1476-11-5			1.3E-03 1.3E-03	1.3E-03	6.0E+02	1.0E+04		5.7E+02	
5.4E-03 4.5E-01	C I	1.1E-05 3.4E-04	C	7.0E-02 8.0E-01 9.0E-03	A I X				3.44 3.51 4.44	1	1	Yes	Dichloro-2-butene, trans-1,4- Dichloroacetic Acid Dichlorobenzene, 1,2-	110-57-6 79-43-6 95-50-1	1.6E+00 9.6E+01		1.5E+00	8.0E+01 1.8E+03	5.4E+03 2.9E+03	4.2E+02	7.9E+01 3.0E+02	6.0E+01 6.0E+02	
5.7E-03 9.1E-02	C I	1.6E-06 2.6E-05	C	2.0E-01 6.0E-03 7.0E-03	I P X				2.13 1.86 2.09	1	1	Yes	Dichlorobenzene, 1,4- Dichlorobenzidine, 3,3'- Dichlorobenzophenone, 4,4'-	106-46-7 91-94-1 90-98-2	1.4E+01 1.7E-01	2.1E+01 4.5E-01	5.1E-01 1.3E-01	4.8E-01 1.3E-01	1.4E+03 1.8E+03	2.2E+03 2.9E+03	1.7E+03 4.2E+02	5.7E+02 3.0E+02	7.5E+01
5.0E-02 2.0E-03 2.0E-02	I		I	2.0E-01 2.0E-03 2.0E-02	I I I				2.13 1.86 2.09	1	1	Yes	Dichloroethane, 1,1- Dichloroethylene, 1,2-cis- Dichloroethylene, 1,2-trans-	75-35-4 156-56-2 156-60-5	8.6E-01	1.8E+01	2.2E-01	1.7E-01	1.0E+03 4.0E+01 4.0E+02	8.5E+03 3.6E+02 3.6E+03	4.2E+02	2.8E+02 3.6E+01 3.6E+02	7.0E+00 7.0E+01 1.0E+02
3.6E-02	C	1.0E-05	C	3.0E-03 1.0E-02 8.0E-03	I I I				3.06 2.81 3.53	1	1	Yes	Dichlorophenol, 2,4- Dichlorophenoxy Acetic Acid, 2,4- Dichlorophenoxybutyric Acid, 4-(2,4-	120-83-2 94-75-7 94-82-6	2.2E+00	2.4E+01	5.6E-01	4.4E-01	6.0E+01 2.0E+02 1.6E+02	1.9E+02 1.4E+03 4.8E+02		4.6E+01 1.7E+02 1.2E+02	7.0E+01
1.0E-01 2.9E-01	I I	4.0E-06 8.3E-05	I C	3.0E-02 5.0E-04 1.0E-04	I I I				2.04 1.43 0	1	1	Yes	Dichloropropane, 1,2- Dichloropropane, 1,3- Dichloropropane, 1,2,3-	78-87-5 142-28-9 618-23-9	7.8E-01 2.7E-01	7.8E+00 1.4E+01	1.4E+00	4.7E-01 2.6E-01	6.0E+02 1.0E+01 2.0E+00	6.6E+03 5.6E+02 1.1E+03	4.2E+01	3.9E+01 9.9E+00 2.0E+00	
1.6E+01	I	4.6E-03	I	8.0E-02 5.0E-05	P I				3.16 5.4	1	1	Yes	Dicyclopentadiene Dieldrin Diesel Engine Exhaust	77-73-6 60-57-1 NA	4.9E-03	2.7E-03		1.8E-03	1.6E+03 1.0E+00	3.5E+03 6.1E-01	6.3E-01	6.3E-01 3.8E-01	
3.5E+02	C	1.0E-01	C	2.0E-03 3.0E-02 6.0E-02	P P P				-1.43 0.56 -0.54	1	1	Yes	Diethanolamine Diethylene Glycol Monobutyl Ether Diethylene Glycol Monoethyl Ether	111-42-2 112-34-5 111-90-0	2.2E-04	6.6E-05		5.1E-05	4.0E+01 6.0E+02 1.2E+03	8.4E+04 8.7E+04 7.8E+05		4.0E+01 6.0E+02 1.2E+03	
4.4E-02	C	1.3E-05	C	1.0E-03 8.0E-02	P I				0.05 5.07 0.65	1	0.9	Yes	Diethylformamide Diethylstilbestrol Difenoquat	617-84-5 56-53-1 43222-48-6	2.2E-04	6.6E-05		5.1E-05	2.0E+01 1.6E+03	4.3E+03 7.3E+05		2.0E+01 1.6E+03	
1.6E+00 1.7E-03	P P		P	2.0E-04 6.0E-02	I P				3.88 4.0E+01 3.58	1	0.9	Yes	Diffubenzuron Difluoroethane, 1,1- Dihydrosafrole	35367-38-5 75-37-6 94-58-6	1.8E+00	2.3E+00	4.3E-01	3.0E-01	4.0E+02	1.0E+03	8.3E+04	2.9E+02 8.3E+04	
4.6E+00 5.8E-01 2.0E-01	C H P	1.3E-03	C	8.0E-02 2.0E-02	I I I				1.52 1.03 -0.17	1	1	Yes	Diisopropyl Ether Diisopropyl Methylphosphonate Dimethipin	108-20-3 1445-75-6 55290-64-7					1.6E+03 4.0E+02	1.3E+05 2.4E+05	1.5E+03	1.5E+03 1.6E+03 4.0E+02	
1.1E+01	P		P	2.0E-04 1.0E-01	I P				0.78 1.81 -0.61	1	1	Yes	Dimethoate Dimethoxybenzidine, 3,3'- Dimethyl methylphosphonate	60-51-5 119-90-4 756-79-6	4.9E-02 4.6E+01	1.6E+00 2.8E+04		4.7E-02 4.6E+01	4.0E+00 1.2E+03	6.4E+02 8.1E+05		4.0E+00 1.2E+03	
1.1E+01	P		P	2.0E-03 1.0E-01	I P				4.58 2.17 1.68	1	1	Yes	Dimethylamino azobenzene [p-] Dimethylaniline HCl, 2,4- Dimethylaniline, 2,4-	60-11-7 21436-96-4 95-68-1	1.7E-02 1.3E-01 3.9E-01	7.2E-03 5.2E+02 7.1E+00		5.0E-03 1.3E-01 3.7E-01	4.0E+01	8.0E+02		3.8E+01	
1.1E+01	P		P	2.0E-03 1.0E-01	I P				2.31 2.34 -1.01	1	1	Yes	Dimethylaniline, N,N- Dimethylbenzidine, 3,3'- Dimethylformamide	121-69-7 119-93-7 68-12-2	7.1E-03	8.5E-02		6.5E-03	4.0E+01 2.0E+03	3.1E+02 1.8E+06	3.1E+02 6.3E+01	3.5E+01 6.1E+01	
				1.0E-04	X				-1.19	1	1	Yes	Dimethylhydrazine, 1,1-	57-14-7					2.0E+00	3.5E+03	4.2E-03	4.2E-03	

Regional Screening Level (RSL) Resident Tapwater Table (TR=1E-06, HQ=1) November 2015

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-06				Noncancer CHLD Hazard Index (HI) = 1			
SFO (mg/kg-day) ⁻¹	k _e IUR (ug/m ³) ⁻¹	k _e RfD _a (mg/kg-day)	k _e RfC _i (mg/m ³) ⁻¹	k _v muta- gen	LOGP	GIABS	FA	In	IPD?	Analyte	CAS No.	Ingestion SL TR=1E-06 (ug/L)	Dermal SL TR=1E-06 (ug/L)	Inhalation SL TR=1E-06 (ug/L)	Carcinogenic SL TR=1E-06 (ug/L)	Ingestion SL Child THQ=1 (ug/L)	Dermal SL Child THQ=1 (ug/L)	Inhalation SL Child THQ=1 (ug/L)	Noncarcinogenic SL Child THQ=1 (ug/L)	MCL (ug/L)		
5.5E+02	C 1.6E-01	C	2.0E-02	I	-0.54	1	1	Yes		Dimethylhydrazine, 1,2-Dimethylphenol, 2,4-	540-73-8 105-67-9	1.4E-04	5.0E-02	3.5E-05	2.8E-05	4.0E+02	3.1E+03		3.6E+02			
4.5E-02	C 1.3E-05	C	6.0E-04 1.0E-03	I	2.36 2.23	1	1	Yes		Dimethylphenol, 2,6-Dimethylphenol, 3,4-Dimethylvinylchloride	576-26-1 95-65-8 513-37-1	1.7E+00	6.5E+00	4.3E-01	3.3E-01	1.2E+01 2.0E+01	8.5E+01 1.7E+02		1.1E+01 1.8E+01			
6.8E-01	I		2.0E-03	I	2.13	1	1	Yes		Dinitro-o-cresol, 4,6-Dinitro-o-cyclohexyl Phenol, 4,6-Dinitrobenzene, 1,2-	534-52-1 131-89-5 528-29-0					1.6E+00 4.0E+01 2.0E+00	2.6E+01 5.4E+01 5.3E+01		1.5E+00 2.3E+01 1.9E+00			
3.1E-01	C 8.9E-05	C	2.0E-03	I	1.49	1	1	Yes		Dinitrobenzene, 1,3-Dinitrobenzene, 1,4-Dinitrophenol, 2,4-	99-65-0 100-25-4 51-28-5					2.0E+00 2.0E+00 4.0E+01	7.3E+01 7.6E+01 1.2E+03		2.0E+00 2.0E+01 3.9E+01			
1.5E+00	P		3.0E-04	X	2.18	1	1	Yes		Dinitrotoluene Mixture, 2,4,2,6-Dinitrotoluene, 2,4-Dinitrotoluene, 2,6-	NA 121-14-2 606-20-2	1.1E-01 2.5E-01 5.2E-02	1.5E+00 4.3E+00		1.1E-01 2.4E-01 4.9E-02	4.0E+01 6.0E+00	7.5E+02 9.3E+01		3.8E+01 5.7E+00			
4.5E-01	X		9.0E-04	X	1.84	1	1	Yes		Dinitrotoluene, 2-Amino-4,6-Dinitrotoluene, 4-Amino-2,6-Dinitrotoluene, Technical grade	35572-78-2 19406-51-0 25321-14-6	1.7E-01	2.6E-01		1.0E-01	4.0E+01 4.0E+01 1.8E+01	1.0E+03 1.0E+03 3.0E+01		3.9E+01 3.9E+01 1.1E+01			
1.0E-01	I 5.0E-06	I	1.0E-03	I	3.56	1	0.9	Yes		Dinoseb Dioxane, 1,4-Dioxins	88-85-7 123-91-1	7.8E-01	2.3E+02	1.1E+00	4.6E-01	2.0E+01 6.0E+02	5.4E+01 1.9E+05	6.3E+01	1.5E+01 5.7E+01	7.0E+00		
1.3E+05	C 3.8E+01	C	7.0E-10	I	8.21	1	0	No		*Hexachlorodibenzo-p-dioxin, Mixture *TCDD, 2,3,7,8-Diphenamid	NA 1746-01-6 957-51-7	1.3E-05 6.0E-07		1.5E-07	1.2E-07	1.4E-05 6.0E+02	4.2E+03	8.3E-05	1.2E-05 5.3E+02	3.0E-05		
8.0E-01	I 2.2E-04	I	2.5E-02	I	2.4	1	1	Yes		Diphenyl Sulfone Diphenylamine Diphenylhydrazine, 1,2-	127-63-9 122-39-4 122-66-7	9.7E-02	3.9E-01		7.8E-02	1.6E+01 5.0E+02	2.0E+02 8.4E+02		1.5E+01 3.1E+02			
7.1E+00	C 1.4E-01	C	2.2E-03	I	-4.6	1	1	No		Diquat Direct Black 38 Direct Blue 6	85-00-7 1937-37-7 2602-66-2	1.1E-02 1.1E-02			1.1E-02 1.1E-02	4.4E+01			4.4E+01	2.0E+01		
6.7E+00	C 1.4E-01	C	4.0E-05	I	-6.53	1	1	No		Direct Brown 95 Disulfoton Dithiane, 1,4-	16071-88-6 298-04-4 505-29-3	1.2E-02			1.2E-02	8.0E-01 2.0E+02	1.3E+00 1.6E+04		5.0E-01 2.0E+02			
9.9E-03	I 1.2E-06	I	2.0E-03	I	2.68	1	1	Yes		Diuron Dodine EPTC	330-54-1 2439-10-3 759-94-4					4.0E+01 8.0E+01 5.0E+02	3.6E+02 1.1E+04 1.5E+03		3.6E+01 8.0E+01 3.8E+02			
9.9E-03	I 1.2E-06	I	6.0E-03	P 1.0E-03	3.83	1	0.9	Yes		Endosulfan Endothall Endrin	115-29-7 145173-3 72-20-8					1.2E+02 4.0E+02 6.0E+00	6.3E+02 8.5E+03 3.7E+00		1.0E+02 3.8E+02 2.3E+00	1.0E+02 2.0E+00		
9.9E-03	I 1.2E-06	I	6.0E-03	P 1.0E-03	0.45	1	1	Yes		Epiclorohydrin Epoxybutane, 1,2-Ethanol, 2-(2-methoxyethoxy)-	104-89-8 106-88-7 111-77-3	7.9E+00	7.9E+02	4.7E+00	2.9E+00	1.2E+02 8.0E+02	1.3E+04 3.9E+05	2.1E+00 4.2E+01	2.0E+00 4.2E+01 8.0E+02			
9.9E-03	I 1.2E-06	I	5.0E-03	I	-0.22	1	1	Yes		Ethephon Ethion Ethoxyethanol Acetate, 2-	16672-87-0 563-12-2 111-15-9					1.0E+02 1.0E+01 2.0E+03	4.2E+04 7.7E+00 2.3E+05	1.3E+02	1.0E+02 4.3E+00 1.2E+02			
9.9E-03	I 1.2E-06	I	9.0E-02	P 2.0E-01	-0.32	1	1	Yes		Ethoxyethanol, 2-Ethyl Acetate Ethyl Acrylate	110-80-5 141-78-6 140-88-5					1.8E+03 1.8E+04 1.0E+02	6.3E+05 1.2E+06 3.0E+03	4.2E+02 1.5E+02 1.7E+01	3.4E+02 1.4E+02 1.4E+01			
1.1E-02	C 2.5E-06	C	1.0E-05	I	1.43	1	1	Yes		Ethyl Chloride (Chloroethane) Ethyl Ether Ethyl Methacrylate	75-00-3 60-29-7 97-63-2					4.0E+03	2.0E+05	2.1E+04 6.3E+02	2.1E+04 3.9E+03 6.3E+02			
1.1E-02	C 2.5E-06	C	1.0E-01	I 1.0E+00	4.78	1	0.8	Yes		Ethyl-p-nitrophenyl Phosphonate Ethylbenzene Ethylene Cyanohydrin	2104-64-5 100-41-4 109-78-4	7.1E+00	1.2E+01	2.2E+00	1.5E+00	2.0E-01 2.0E+03 1.4E+03	1.6E-01 3.8E+03 1.1E+06	2.1E+03	8.9E-02 8.1E+02 1.4E+03	7.0E+02		
3.1E-01	C 8.8E-05	C	9.0E-02	P	-2.04	1	1	No		Ethylene Diamine Ethylene Glycol Ethylene Glycol Monobutyl Ether	107-15-3 107-21-1 111-76-2					1.8E+03 4.0E+04 2.0E+03	5.7E+07 1.4E+05		1.8E+03 4.0E+04 2.0E+03			
4.5E-02	C 1.3E-05	C	8.0E-05	I	-0.3	1	1	Yes		Ethylene Oxide Ethylene Thiourea Ethyleneimine	75-21-8 96-45-7 151-56-4	2.5E-01 1.7E+00 1.2E-03	5.4E+01 1.0E+03 2.5E-01	6.4E-02	5.1E-02 1.7E+00 2.4E-04	1.6E+00 1.0E+03		6.3E+01	6.3E+01 1.6E+00			
6.5E+01	C 1.9E-02	C	3.0E+00	I	2.19	1	1	Yes		Ethylphthalyl Ethyl Glycolate Fenamiphos Fenpropathrin	84-72-0 22224-92-6 39515-41-8					6.0E+04 5.0E+00 5.0E+02	1.5E+06 3.4E+01 7.3E+01		5.8E+04 4.4E+00 6.4E+01			
6.5E+01	C 1.9E-02	C	2.5E-02	I	6.2	1	0.7	No		Fenvalerate Fluometuron	51630-58-1 2164-17-2					5.0E+02 2.6E+02			5.0E+02 2.4E+02			

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Toxicity and Chemical-specific Information												Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 1						
SFO (mg/kg-day)	k _e	IUR (ug/m ³ -day)	k _e	RF _D (mg/kg-day)	k _e	RF _C (mg/m ³ -day)	k _v	muta	LOGP	GIABS	FA	In	IPD?	Analyte	CAS No.	Ingestion SL TR=1E-06 (ug/L)	Dermal SL TR=1E-06 (ug/L)	Inhalation SL TR=1E-06 (ug/L)	Carcinogenic SL TR=1E-06 (ug/L)	Ingestion SL Child THQ=1 (ug/L)	Dermal SL Child THQ=1 (ug/L)	Inhalation SL Child THQ=1 (ug/L)	Noncarcinogenic SL Child THQ=1 (ug/L)	MCL (ug/L)
4.0E-02	C	1.3E-02	C							1	1	Yes		Fluoride	16984-48-8					8.0E+02	1.8E+05		8.0E+02	
6.0E-02	I	1.3E-02	C							1	1	Yes		Fluorine (Soluble Fluoride)	7782-41-4					1.2E+03	2.7E+05		1.2E+03	4.0E+03
8.0E-02	I							3.16		1	0.9	Yes		Fluridone	59756-60-4					1.6E+03	1.4E+04		1.4E+03	
2.0E-02	I							3.34		1	0.9	Yes		Flurprimidol	56425-91-3					4.0E+02	2.4E+03		3.4E+02	
7.0E-04	I							3.7		1	0.9	Yes		Flusilazole	85509-19-9					1.4E+01	5.0E+01		1.1E+01	
6.0E-02	I							3.7		1	0.9	Yes		Flutolanil	66332-96-5					1.2E+03	4.5E+03		9.5E+02	
1.0E-02	I							6.81		1	0.6	No		Fluvalinate	69409-94-5					2.0E+02			2.0E+02	
3.5E-03	I	1.0E-01	I					2.85		1	1	Yes		Folpet	133-07-3	2.2E+01	2.1E+02		2.0E+01	2.0E+03	2.1E+04		1.8E+03	
1.9E-01	I							2.9		1	1	Yes		Fomesafen	72178-02-0	4.1E-01	9.1E+00		3.9E-01					
		2.0E-03	I					3.94		1	0.9	Yes		Fonofos	944-22-9					4.0E+01	6.3E+01		2.4E+01	
1.3E-05	I	2.0E-01	I	9.8E-03	A	V		0.35		1	1	Yes		Formaldehyde	50-00-0			4.3E-01	4.3E-01	4.0E+03	3.2E+05	2.0E+01	2.0E+01	
		9.0E-01	P	3.0E-04	X	V		-0.54		1	1	Yes		Formic Acid	64-18-6					1.8E+04	6.4E+06	6.3E-01	6.3E-01	
		3.0E+00	I					-2.4		1	1	No		Fosetyl-AL	39148-24-8					6.0E+04			6.0E+04	
		1.0E-03	X		V			4.12		1	1	Yes		Furans										
		1.0E-03	I		V			1.34		1	1	Yes		-Dibenzofuran	132-64-9					2.0E+01	1.3E+01		7.9E+00	
														-Furan	110-00-9					2.0E+01	4.8E+02		1.9E+01	
3.8E+00	H	9.0E-01	I	2.0E+00	I	V		0.46		1	1	Yes		*Tetrahydrofuran	109-99-9					1.8E+04	1.7E+06	4.2E+03	3.4E+03	
		3.0E-03	I	5.0E-02	H	V		-0.04		1	1	Yes		Furazolidone	67-45-8	2.1E-02	1.0E+01		2.0E-02	6.0E+01	7.1E+03	1.0E+02	3.8E+01	
								0.41		1	1	Yes		Furfural	98-01-1					6.0E+01	7.1E+03	1.0E+02	3.8E+01	
1.5E+00	C	4.3E-04	C					1.8		1	1	Yes		Furium	531-82-8	5.2E-02	1.9E+00		5.1E-02					
3.0E-02	I	8.6E-06	C					4.38		1	0.9	Yes		Furmecycloz	60568-05-0	2.6E+00	2.0E+00		1.1E+00					
		4.0E-04	I					-4.81		1	1	No		Glufosinate, Ammonium	77182-82-2					8.0E+00			8.0E+00	
								8.0E-05		1	1	Yes		Glutaraldehyde	111-30-8									
		4.0E-04	I	1.0E-03	H	V		-0.12		1	1	Yes		Glycidyl	765-34-4					8.0E+00	1.8E+03	2.1E+00	1.7E+00	
		1.0E-01	I					-3.4		1	1	No		Glyphosate	1071-83-6					2.0E+03			2.0E+03	7.0E+02
		1.0E-02	X		V			-1.63		1	1	Yes		Guanidine	113-00-8					2.0E+02	4.2E+05		2.0E+02	
		2.0E-02	P					-3.56		1	1	No		Guanidine Chloride	50-01-1					4.0E+02			4.0E+02	
		5.0E-05	I					4.07		1	0.9	Yes		Haloxypol, Methyl	69806-40-2					1.0E+00	3.1E+00		7.6E-01	
4.5E+00	I	1.3E-03	I	5.0E-04	I	V		6.1		1	0.8	Yes		Heptachlor	76-44-8	1.7E-02	2.3E-03	4.3E-03	1.4E-03	1.0E+01	1.5E+00		1.3E+00	4.0E-01
9.1E+00	I	2.6E-03	I	1.3E-05	I	V		4.98		1	0.7	Yes		Heptachlor Epoxide	1024-57-3	8.6E-03	7.1E-03	2.2E-03	1.4E-03	2.6E-01	2.4E-01		1.2E-01	2.0E-01
		2.0E-03	I	2.0E-03	I	V		6.07		1	0.8	No		Hexabromobenzene	87-82-1					4.0E+01			4.0E+01	
		2.0E-04	I							1	0	No		Hexabromodiphenyl ether, 2,2',4,4',5,5'-(BDE-153)	68631-49-2					4.0E+00			4.0E+00	
1.6E+00	I	4.6E-04	I	8.0E-04	I	V		5.73		1	0.9	No		Hexachlorobenzene	118-74-1	4.9E-02		1.2E-02	9.8E-03	1.6E+01			1.6E+01	1.0E+00
7.8E-02	I	2.2E-05	I	1.0E-03	P	V		4.78		1	0.9	Yes		Hexachlorobutadiene	87-68-3	1.0E+00	4.4E-01	2.6E-01	1.4E-01	2.0E+01	9.5E+00		6.5E+00	
6.3E+00	I	1.8E-03	I	8.0E-03	A			3.8		1	0.9	Yes		Hexachlorocyclohexane, Alpha	319-84-6	1.2E-02	1.8E-02		7.2E-03	1.6E+02	2.5E+02		9.7E+01	
1.8E+00	I	5.3E-04	I					3.78		1	0.9	Yes		Hexachlorocyclohexane, Beta	319-85-7	4.3E-02	6.1E-02		2.5E-02					
1.1E+00	C	3.1E-04	C	3.0E-04	I			3.72		1	0.9	Yes		Hexachlorocyclohexane, Gamma (Lindane)	58-89-9	7.1E-02	1.0E-01		4.2E-02	6.0E+00	9.3E+00		3.6E+00	2.0E-01
1.8E+00	I	5.1E-04	I					4.14		1	0.9	Yes		Hexachlorocyclohexane, Technical	608-73-1	4.3E-02	6.1E-02		2.5E-02					
4.0E-02	I	1.1E-05	C	7.0E-04	I	V		4.14		1	1	Yes		Hexachlorocyclopentadiene	77-47-4	1.9E+00	1.7E+00	5.1E-01	3.3E-01	1.2E+02	4.2E+01	4.2E-01	4.1E-01	5.0E+01
		3.0E-04	I					7.54		1	0	No		Hexachloroethane	67-72-1					1.4E+01	1.4E+01	6.3E+01	6.2E+00	
1.1E-01	I	3.0E-03	I					0.87		1	1	Yes		Hexachlorophene	70-30-4	7.1E-01	8.6E+01		7.0E-01	6.0E+00			6.0E+00	
								3.2		1	1	Yes		Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4					6.0E+01	8.0E+03		6.0E+01	
								1.0E-05		1	1	Yes		Hexamethylene Diisocyanate, 1,6-	822-06-0							2.1E-02	2.1E-02	
		4.0E-04	P					0.28		1	1	Yes		Hexamethylphosphoramide	680-31-9					8.0E+00	2.0E+03		8.0E+00	
		2.0E+00	P	7.0E-01	I	V		3.9		1	1	Yes		Hexane, N-	110-54-3					4.0E+04	1.1E+07		1.5E+03	
								0.08		1	1	Yes		Hexanedioic Acid	124-04-9					4.0E+04	1.1E+07		4.0E+04	
		5.0E-03	I	3.0E-02	I	V		1.38		1	1	Yes		Hexanone, 2-	591-78-6					1.0E+02	2.8E+03	6.3E+01	3.8E+01	
		3.3E-02	I					1.85		1	1	Yes		Hexazinone	51235-04-2					6.6E+02	2.4E+04		6.4E+02	
		2.5E-02	I					5.57		1	0.8	Yes		Hexythiazox	78587-05-0					5.0E+02	1.4E+02		1.1E+02	
3.0E+00	I	4.9E-03	I	3.0E-05	P	V		2.31		1	1	Yes		Hydramethylnon	67485-29-4					6.0E+00	5.1E+02		5.9E+00	
3.0E+00	I	4.9E-03	I							1	1	Yes		Hydrazine	302-01-2	2.6E-02	1.1E+02	1.1E-03	1.1E-03			6.3E-02	6.3E-02	
										1	1	Yes		Hydrazine Sulfate	10034-93-2	2.6E-02	4.9E+00		2.6E-02					
		4.0E-02	C	2.0E-02	I	V				1	1	Yes		Hydrogen Chloride	7647-01-0					8.0E+02	1.8E+05		4.2E+01	4.2E+01
								0.23		1	1	Yes		Hydrogen Fluoride	7664-39-3					8.0E+02	1.8E+05		2.9E+01	2.8E+01
								0.23		1	1	Yes		Hydrogen Sulfide	7783-06-4					8.0E+02	1.8E+05		4.2E+00	4.2E+00
6.0E-02	P	4.0E-02	P					0.59		1	1	Yes		Hydroquinone	123-31-9	1.3E+00	1.2E+02		1.3E+00	8.0E+02	7.9E+04		7.9E+02	
		1.3E-02	I					3.82		1	0.9	Yes		Imazalil	35554-44-0					2.6E+02	6.8E+02		1.9E+02	
		2.5E-01	I					1.86		1	1													

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-06				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 _i (mg/m ³) ⁻¹	k _v	muta-	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1E-06 (ug/L)	Dermal SL TR=1E-06 (ug/L)	Inhalation SL TR=1E-06 (ug/L)	Carcinogenic SL TR=1E-06 (ug/L)	Ingestion SL Child THQ=1 (ug/L)	Dermal SL Child THQ=1 (ug/L)	Inhalation SL Child THQ=1 (ug/L)	Noncarcinogenic SL Child THI=1 (ug/L)	MCL (ug/L)
1.5E-02	I			V					5.8	1	0.8	Yes	Isopropalin	33820-53-0					3.0E+02	4.6E+01		4.0E+01	
2.0E+00	P			P					0.05	1	1	Yes	Isopropanol	67-63-0					4.0E+04	6.5E+06	4.2E+02	4.1E+02	
1.0E-01	I								0.27	1	1	Yes	Isopropyl Methyl Phosphonic Acid	1832-54-8					2.0E+03	3.9E+05		2.0E+03	
5.0E-02	I								3.94	1	0.9	Yes	Isosaxben	82558-50-7					1.0E+03	2.7E+03		7.3E+02	
2.0E-03	I			A					8	1	0	No	JP-7	NA							6.3E+02	6.3E+02	
									4.81	1	0.9	Yes	Lactofen	77501-63-4					4.0E+01	6.7E+01		2.5E+01	
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C	M		0.025	1	Yes	Lead Compounds										
8.5E-03	C	1.2E-05	C							1	0.8	Yes	*Lead Chromate	7758-97-6	5.0E-02	2.3E-01		4.1E-02	4.0E+02	2.3E+03		3.4E+02	
										1	0.8	Yes	*Lead Phosphate	7446-27-7	9.2E+00	1.7E+03		9.1E+00					
2.8E-01	C	8.0E-05	C						-0.08	1	1	Yes	*Lead acetate	301-04-2	2.8E-01	2.8E+02		2.8E-01					
										1	1	Yes	*Lead and Compounds	7439-92-1								1.5E+01	1.5E+01
8.5E-03	C	1.2E-05	C						-4	1	1	No	*Lead subacetate	1335-32-6	9.2E+00			9.2E+00					
1.0E-07	I			V					4.15	1	0.9	Yes	*Tetraethyl Lead	78-00-2					2.0E-03	3.8E-03		1.3E-03	
5.0E-06	P			V					2.56	1	1	Yes	Lewisite	541-25-3					1.0E-01	9.1E-01		9.0E-02	
2.0E-03	I								3.2	1	0.9	Yes	Linuron	330-55-2					4.0E+01	2.0E+02		3.3E+01	
2.0E-03	P									1	1	Yes	Lithium	7439-93-2					4.0E+01	9.1E+03		4.0E+01	
5.0E-04	I								3.25	1	1	Yes	MCPA	94-74-6					1.0E+01	3.0E+01		7.5E+00	
1.0E-02	I								2.79	1	0.9	Yes	MCPB	94-81-5					2.0E+02	5.5E+02		1.5E+02	
1.0E-03	I								3.13	1	1	Yes	MCPP	93-65-2					2.0E+01	7.1E+01		1.6E+01	
2.0E-02	I								2.36	1	1	Yes	Malathion	121-75-5					4.0E+02	1.1E+04		3.9E+02	
1.0E-01	I			C					1.62	1	1	Yes	Maleic Anhydride	108-31-6					2.0E+03	3.8E+04		1.9E+03	
5.0E-01	I								-0.84	1	1	Yes	Maleic Hydrazide	123-33-1					1.0E+04	8.9E+06		1.0E+04	
1.0E-04	P								-0.6	1	1	Yes	Malononitrile	109-77-3					2.0E+00	9.2E+02		2.0E+00	
3.0E-02	H								1.33	1	0.9	Yes	Mancozeb	8018-01-7					6.0E+02	4.9E+03		5.4E+02	
5.0E-03	I								0.62	1	1	Yes	Maneb	12427-38-2					1.0E+02	3.6E+03		9.8E+01	
1.4E-01	I	5.0E-05	I							1	1	Yes	Manganese (Diet)	7439-96-5									
2.4E-02	S	5.0E-05	I						0.04	1	1	Yes	Manganese (Non-diet)	7439-96-5					4.8E+02	4.4E+03		4.3E+02	
9.0E-05	H								1.04	1	1	Yes	Mepfosfolan	950-10-7					1.8E+00	2.5E+02		1.8E+00	
3.0E-02	I								-2.82	1	1	No	Mepiquat Chloride	28307-26-4					6.0E+02			6.0E+02	
													Mercury Compounds										
3.0E-04	I	3.0E-04	S						-0.22	0.07	1	Yes	*Mercuric Chloride (and other Mercury salts)	7487-94-7					6.0E+00	9.6E+01		5.7E+00	2.0E+00
									0.62	1	1	Yes	*Mercury (elemental)	7439-97-6					2.0E+00	4.6E+02	6.3E-01	6.3E-01	2.0E+00
1.0E-04	I									1	1	Yes	*Methyl Mercury	22967-92-6									
8.0E-05	I								0.71	1	1	Yes	*Phenylmercuric Acetate	62-38-4					1.6E+00	5.7E+02		1.6E+00	
3.0E-05	I			V					7.67	1	0.3	No	Merphos	150-50-5					6.0E-01			6.0E-01	
3.0E-05	I								5.7	1	0.9	Yes	Merphos Oxide	78-48-8					6.0E-01	9.9E-02		8.5E-02	
6.0E-02	I								1.65	1	1	Yes	Metalaxyl	57897-19-1					1.2E+03	6.4E+04		1.2E+03	
1.0E-04	I	3.0E-02	P	V					0.68	1	1	Yes	Methacrylonitrile	12698-7					2.0E+00	1.3E+02	6.3E+01	1.9E+00	
5.0E-05	I								-0.8	1	1	Yes	Methamidophos	10265-92-6					1.0E+00	1.0E+03		1.0E+00	
2.0E+00	I	2.0E+01	I	V					-0.77	1	1	Yes	Methanol	67-56-1					4.0E+04	1.8E+07	4.2E+04	2.0E+04	
1.0E-03	I								2.2	1	1	Yes	Methidathion	950-37-8					2.0E+01	5.8E+02		1.9E+01	
2.5E-02	I								0.6	1	1	Yes	Methomyl	16752-77-5					5.0E+02	6.8E+04		5.0E+02	
4.9E-02	C	1.4E-05	C						1.47	1	1	Yes	Methoxy-5-nitroaniline, 2-	99-59-2	1.6E+00	5.4E+01		1.5E+00					
5.0E-03	I								5.08	1	0.8	Yes	Methoxychlor	72-43-5					1.0E+02	5.9E+01		3.7E+01	4.0E+01
8.0E-03	P	1.0E-03	P	V					0.1	1	1	Yes	Methoxyethanol Acetate, 2-	110-49-6					1.6E+02	3.5E+04	2.1E+00	2.1E+00	
5.0E-03	P	2.0E-02	I	V					-0.77	1	1	Yes	Methoxyethanol, 2-	109-86-4					1.0E+02	6.3E+04	4.2E+01	2.9E+01	
1.0E+00	X			V					0.18	1	1	Yes	Methyl Acetate	79-20-9					2.0E+04	2.9E+06		2.0E+04	
									0.8	1	1	Yes	Methyl Acrylate	96-33-3							4.2E+01	4.2E+01	
6.0E-01	I	5.0E+00	I	V					0.29	1	1	Yes	Methyl Ethyl Ketone (2-Butanone)	78-93-3					1.2E+04	1.5E+06	1.0E+04	5.6E+03	
1.0E-03	X			X					-1.05	1	1	Yes	Methyl Hydrazine	60-34-4			5.6E-03	5.6E-03	2.0E+01	1.5E+04	4.2E-02	4.2E-02	
									1.31	1	1	Yes	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1							6.3E+03	6.3E+03	
									0.79	1	1	Yes	Methyl Isocyanate	624-83-9							2.1E+00	2.1E+00	
1.4E+00	I	7.0E-01	I	V					1.38	1	1	Yes	Methyl Methacrylate	80-62-6					2.8E+04	7.7E+05	1.5E+03	1.4E+03	
2.5E-04	I								2.86	1	1	Yes	Methyl Parathion	298-00-0					5.0E+00	4.1E+01		4.5E+00	
6.0E-02	X								-0.7	1	1	Yes	Methyl Phosphonic Acid	993-13-5					1.2E+03	1.2E+06		1.2E+03	
9.9E-02	C	2.8E-05	C						3.44	1	0.8	Yes	Methyl Styrene (Mixed Isomers)	25013-15-4					1.2E+02	4.3E+01	8.3E+01	2.3E+01	
									-0.66	1	1	Yes	Methyl methanesulfonate	66-27-3	7.9E-01	4.8E+02		7.9E-01					
1.8E-03	C	2.6E-07	C						0.94	1	1	Yes	Methyl tert-Butyl Ether (MTBE)	1634-04-4	4.3E+01	2.0E+03	2.2E+01	1.4E+01				6.3E+03	6.3E+03
9.0E-03	P			X					-2.06	1	1	Yes	Methyl-1,4-benzenediamine dihydrochloride, 2-	615-45-2					6.0E+00	5.9E+04		6.0E+00	
				X					1.87	1	1	Yes	Methyl-5-Nitroaniline, 2-	99-55-8	8.7E+00	1.4E+02		8.2E+00			7.3E+03		3.8E+02
8.3E+00	C	2.4E-03	C						-0.92	1	1	Yes	Methyl-N-nitro-N-nitrosoguanidine, N-	70-25-7	9.4E-03	1.1E+01		9.4E-03					
1.3E-01	C	3.7E-05	C						1.62	1	1	Yes	Methylaniline Hydrochloride, 2-	636-21-5	6.0E-01	3.9E+							

Regional Screening Level (RSL) Resident Tapwater Table (TR=1E-06, HQ=1) November 2015

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-06				Noncancer CHILD Hazard Index (HI) = 1						
SFO (mg/kg-day) ⁻¹	k _e	IUR (ug/m ³) ⁻¹	k _e	RF _D (mg/kg-day)	k _e	RF _C (mg/m ³) ⁻¹	k _e	muta	LOGP	GIABS	FA	In	OPD?	Analyte	CAS No.	Ingestion SL TR=1E-06 (ug/L)	Dermal SL TR=1E-06 (ug/L)	Inhalation SL TR=1E-06 (ug/L)	Carcinogenic SL (ug/L)	Ingestion SL Child THQ=1 (ug/L)	Dermal SL Child THQ=1 (ug/L)	Inhalation SL Child THQ=1 (ug/L)	Noncarcinogenic SL Child THQ=1 (ug/L)	MCL (ug/L)	
1.0E-01 2.2E+01	X C	6.3E-03	C	3.0E-04	X			M	6.42	1	0	No		Methylbenzene-1,4-diamine sulfate, 2-Methylcholanthrene, 3-	615-50-9 56-49-5	7.8E-01 1.1E-03			7.8E-01 1.1E-03	6.0E+00			6.0E+00		
2.0E-03 1.0E-01 4.6E-02	I P I	1.0E-08 4.3E-04 1.3E-05	I C	6.0E-03 2.0E-03	I P	6.0E-01 2.0E-03	I V	M M	1.25 3.91 4.37	1 1	1 0.9	Yes Yes		Methylene Chloride Methylene-bis(2-chloroaniline), 4,4'-Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	75-09-2 101-14-4 101-61-1	1.3E+01 2.5E-01 1.7E+00	3.5E+02 4.3E-01 6.7E-01	2.0E+02	1.1E+01 1.6E-01 4.8E-01	1.2E+02 4.0E+01	3.7E+03 7.5E+01	1.3E+03 2.0E-01	1.1E+02 2.6E+01	5.0E+00	
1.6E+00	C	4.6E-04	C	2.0E-02 7.0E-02	C H	2.0E-02 6.0E-04	C I	V	1.59 5.22 3.48	1 1	1 0.9	Yes Yes		Methylenebisbenzamine, 4,4'-Methylenediphenyl Diisocyanate Methylstyrene, Alpha-	101-77-9 101-68-8 98-83-9	4.9E-02	1.7E+00		4.7E-02	1.4E+03	1.7E+03		7.8E+02		
1.5E-01 2.5E-02 2.5E-01	I I I								3.13 1.7 2.2	1 1	1 1	Yes Yes		Metolachlor Metribuzin Metsulfuron-methyl	51218-45-2 21087-64-9 74223-64-6					3.0E+03 5.0E+02 5.0E+03	2.6E+04 1.8E+04 2.4E+05			2.7E+03 4.9E+02 4.9E+03	
1.8E+01	C	5.1E-03	C	3.0E+00 2.0E-04 2.0E-03	P I I			V V	6.1 6.89 3.21	1 1	1 0.5	No No		Mineral oils Mirex Molinate	8012-95-1 2385-85-5 2212-67-1	4.3E-03		1.1E-03	8.8E-04	6.0E+04 4.0E+00 4.0E+01	1.2E+02		6.0E+04 4.0E+00 3.0E+01		
1.0E-01 2.0E-03	I P			5.0E-03 1.0E-01 2.0E-03	I I P				1.66	1	1	Yes		Molybdenum Monochloramine Monomethylaniline	7439-98-7 10599-90-3 100-61-8					1.0E+02 2.0E+03 4.0E+01	2.3E+04 4.6E+05 7.5E+02		1.0E+02 2.0E+03 3.8E+01	4.0E+03	
2.5E-02 3.0E-04 2.0E-03	I X I			2.5E-02 3.0E-04 2.0E-03	I X I			V	2.94 4.04 1.38	1 1	1 0.9	Yes Yes		Myclobutanil N,N'-Diphenyl-1,4-benzenediamine Naled	88671-89-0 74-31-7 300-76-5					5.0E+02 6.0E+00 4.0E+01	4.7E+03 8.9E+00 6.8E+03		4.5E+02 2.6E+00 4.0E+01		
1.8E+00	C	0.0E+00	C	3.0E-02 1.0E-01	X I	1.0E-01	P I	V	2.28 3.36	1 1	1 0.9	Yes Yes		Naphtha, High Flash Aromatic (HFAN) Naphthylamine, 2- Napropamide	64742-95-6 91-59-8 15299-99-7	4.3E-02	3.6E-01		3.9E-02	2.0E+03	9.0E+03	2.1E+02	1.5E+02		
2.6E-04 2.6E-04 2.6E-04	C C C	1.1E-02 1.1E-02 1.1E-02	C C C	1.4E-05 1.4E-05 1.4E-05	C C C			V V	-1.38 -2.12	1 1	1 0	Yes Yes		Nickel Acetate Nickel Carbonate Nickel Carbonyl	373-02-4 3333-67-3 13463-39-3			2.2E-02	2.2E-02	2.2E+02 2.2E+02	1.4E+06	2.9E-02	2.2E+02 2.9E-02		
2.6E-04 2.6E-04 2.4E-04	C C I	1.1E-02 1.1E-02 1.1E-02	C C C	1.4E-05 1.4E-05 1.4E-05	C C C				0.04 0.04 0.04	1 1	1 0	Yes Yes		Nickel Hydroxide Nickel Oxide Nickel Refinery Dust	12054-48-7 1313-99-1 NA					2.2E+02 2.2E+02 2.2E+02	2.0E+03 2.0E+03 1.0E+04		2.0E+02 2.0E+02 2.2E+02		
1.7E+00	C	4.8E-04	C	2.6E-04 4.8E-04 2.6E-04	I I C	2.0E-02 1.1E-02 1.1E-02	I I C	9.0E-05 1.4E-05 1.4E-05	0.04 0.04 1	1 1	1 0	Yes Yes		Nickel Soluble Salts Nickel Sulfide Nickelocene	7440-02-0 12035-77-2 1271-28-9	4.6E-02	1.7E+00		4.5E-02	4.0E+02 2.2E+02 2.2E+02	1.8E+04 1.0E+04		3.9E+02 2.2E+02 2.2E+02		
1.6E+00	C	1.0E-01	C	1.6E+00 1.0E-01	I I				1 1	1 0	1 1	Yes Yes		Nitrate Nitrate + Nitrite (as N) Nitrite	14797-55-8 NA 14797-65-0					3.2E+04	7.3E+06		3.2E+04	1.0E+04 1.0E+04 1.0E+03	
2.0E-02	P	4.0E-05	I	1.0E-02 4.0E-03 2.0E-03	X P I	5.0E-05 6.0E-03 9.0E-03	X P I	V	1.85 1.39 1.85	1 1	1 1	Yes Yes		Nitroaniline, 2- Nitroaniline, 4- Nitrobenzene	88-74-4 100-01-6 98-95-3	3.9E+00	1.2E+02	1.4E-01	3.8E+00 1.4E-01	2.0E+02 8.0E+01 4.0E+01	3.4E+03 2.8E+03 6.2E+02	1.9E+01	1.9E+02 7.8E+01 1.3E+01		
1.3E+00	C	3.7E-04	C	3.0E+03 7.0E-02	P H				-4.56 -0.47 0.23	1 1	1 1	No Yes		Nitrocellulose Nitrofurantoin Nitrofurazone	9004-70-0 67-20-9 59-87-0	6.0E-02	1.7E+01		6.0E-02	1.4E+03	1.6E+06		6.0E+07 1.4E+03		
1.7E-02	P	8.8E-06	P	1.0E-04 1.0E-01	P I				1.62 -0.89 -0.35	1 1	1 1	Yes Yes		Nitroglycerin Nitroguanidine Nitromethane	55-63-0 556-88-7 75-52-5	4.6E+00	1.8E+02		4.5E+00	2.0E+00 2.0E+03	8.7E+01 1.8E+06		2.0E+00 2.0E+03		
2.7E+01 1.2E+02	C C	7.7E-03 3.4E-02	C C	2.7E-03 7.7E-03 3.4E-02	H C	2.0E-02	I V		0.93 0.23 -0.03	1 1	1 1	Yes Yes		Nitropropane, 2- Nitroso-N-ethylurea, N- Nitroso-N-methylurea, N-	79-46-9 759-73-9 684-93-5	9.3E-04 2.1E-04	1.5E-01 4.6E-02	2.1E-03	9.2E-04 2.1E-04			4.2E+01	4.2E+01		
5.4E+00 7.0E+00 2.8E+00	I I I	1.6E-03 2.0E-03 8.0E-04	I C C					V	2.63 1.36 -1.28	1 1	1 1	Yes Yes		Nitroso-di-N-butylamine, N- Nitroso-di-N-propylamine, N- Nitrosodiethanolamine, N-	924-16-3 621-64-7 1116-54-7	1.4E-02 1.1E-02 2.8E-02	7.9E-02 3.5E-01 8.1E+01	3.5E-03	2.7E-03 1.1E-02 2.8E-02						
1.5E+02 5.1E+01 4.9E-03	I I I	4.3E-02 1.4E-02 2.6E-06	I C C					M	0.48 -0.57 3.13	1 1	1 1	Yes Yes		Nitrosodiethylamine, N- Nitrosodimethylamine, N- Nitrosodiphenylamine, N-	55-18-5 62-75-9 86-30-6	1.7E-04 4.9E-04 1.6E+01	1.7E-02 2.0E-01 5.2E+01	8.9E-04	1.7E-04 1.1E-04 1.2E+01	1.6E-01	7.4E+01 8.3E-02		5.5E-02		
2.2E+01 6.7E+00 9.4E+00	I C C	6.3E-03 1.9E-03 2.7E-03	C C C					V	0.04 -0.44 0.36	1 1	1 1	Yes Yes		Nitrosomethylthylamine, N- Nitrosomorpholine [N-] Nitrosopiperidine [N-]	10595-95-6 59-89-2 100-75-4	3.5E-03 1.2E-02 8.3E-03	6.4E-01 5.3E+00 1.1E+00	8.9E-04	7.1E-04 1.2E-02 8.2E-03						
2.1E+00	I	6.1E-04	I						-0.19 2.45	1 1	1 1	Yes Yes		Nitrosopyrrolidine, N- Nitrotoluene, m- Nitrotoluene, o-	930-55-2 99-08-1 88-72-2	3.7E-02	1.0E+01		3.7E-02	2.0E+00 1.8E+01	1.4E+01 1.5E+02		1.7E+00 1.6E+01		
1.6E-02	P	4.0E-03	P	3.0E-04 4.0E-02	X I	2.0E-02	P V		2.37 5.65 2.3	1 1	1 1	Yes No		Nitrotoluene, p- Nonane, n- Norflurazon	99-99-0 111-84-2 27314-13-2	4.9E+00	3.4E+01		4.3E+00	8.0E+01 6.0E+00 8.0E+02	6.2E+02 2.0E+04	4.2E+01	7.1E+01 5.3E+00 7.7E+02		
3.0E-03 5.0E-02	I I								8.71 0.16	1 1	0.3 1	No Yes		Octabromodiphenyl Ether Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	32536-52-0 2691-41-0					6.0E+01 1.0E+03	6.3E+05		6.0E+01 1.0E+03		

Regional Screening Level (RSL) Resident Tapwater Table (TR=1E-06, HQ=1) November 2015

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-06				Noncancer CHILD Hazard Index (HI) = 1					
SFO (mg/kg-day)	k _e (y ⁻¹)	IUR (ug/m ³) ⁻¹	k _e (y ⁻¹)	RF _D (mg/kg-day)	k _e (y ⁻¹)	RF _C (mg/m ³) ⁻¹	k _e (y ⁻¹)	muta- gen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1E-06 (ug/L)	Dermal SL TR=1E-06 (ug/L)	Inhalation SL TR=1E-06 (ug/L)	Carcinogenic SL TR=1E-06 (ug/L)	Ingestion SL Child THQ=1 (ug/L)	Dermal SL Child THQ=1 (ug/L)	Inhalation SL Child THQ=1 (ug/L)	Noncarcinogenic SL Child THI=1 (ug/L)	MCL (ug/L)	
2.0E-03				H					-1.01	1	1	Yes	Octamethylpyrophosphoramidate	152-16-9					4.0E+01	1.4E+05		4.0E+01		
5.0E-02				I					3.73	1	0.9	Yes	Oryzalin	19044-88-3					1.0E+03	4.1E+03		8.1E+02		
5.0E-03				I					4.8	1	0.8	Yes	Oxadiazon	19666-30-9					1.0E+02	9.0E+01		4.7E+01		
2.5E-02				I					-0.47	1	1	Yes	Oxamyl	23135-22-0					5.0E+02	5.1E+05		5.0E+02	2.0E+02	
3.0E-03				I					4.73	1	0.8	Yes	Oxyfluorfen	42874-03-3					6.0E+01	6.7E+01		3.2E+01		
1.3E-02				I					3.2	1	0.9	Yes	Paclitaxel	76738-62-0					2.6E+02	1.7E+03		2.3E+02		
4.5E-03				I					-4.5	1	1	No	Paraquat Dichloride	1910-42-5					9.0E+01			9.0E+01		
6.0E-03				H					3.83	1	0.9	Yes	Parathion	56-38-2					1.2E+02	3.0E+02		8.6E+01		
5.0E-02				H				V	3.83	1	1	Yes	Pebulate	1114-71-2					1.0E+03	1.3E+03		5.6E+02		
4.0E-02				I					5.2	1	0.9	Yes	Pendimethalin	40487-42-1					8.0E+02	2.4E+02		1.8E+02		
2.0E-03				I				V	6.84	1	0.6	No	Pentabromodiphenyl Ether	32534-81-9					4.0E+01			4.0E+01		
1.0E-04				I					7.66	1	0.6	No	Pentabromodiphenyl ether, 2,2',4,4',5'- (BDE-99)	60348-60-9					2.0E+00			2.0E+00		
8.0E-04				I					5.17	1	0.9	Yes	Pentachlorobenzene	608-93-5					1.6E+01	3.9E+00		3.2E+00		
9.0E-02				P					3.22	1	1	Yes	Pentachloroethane	76-01-7	8.7E-01	2.5E+00		6.5E-01						
2.6E-01				H					4.64	1	0.9	Yes	Pentachloronitrobenzene	82-68-8	3.0E-01	2.0E-01		1.2E-01	6.0E+01	4.4E+01		2.6E+01		
4.0E-01				I					5.12	1	0.9	Yes	Pentachlorophenol	87-86-5	1.9E-01	5.2E-02		4.1E-02	1.0E+02	2.9E+01		2.3E+01	1.0E+00	
4.0E-03				X					2.38	1	1	Yes	Pentaerythritol tetranitrate (PETN)	78-11-5	1.9E+01	4.3E+02		1.9E+01	4.0E+01	9.6E+02		3.9E+01		
									3.39	1	1	Yes	Pentane, n-	109-66-0							2.1E+03	2.1E+03		
													Perchlorates											
7.0E-04				I						1	1	Yes	*Ammonium Perchlorate	7790-98-9					1.4E+01	3.2E+03		1.4E+01		
7.0E-04				I						1	1	Yes	*Lithium Perchlorate	7791-03-9					1.4E+01	3.2E+03		1.4E+01		
7.0E-04				I						1	1	Yes	*Perchlorate and Perchlorate Salts	14797-73-0					1.4E+01	3.2E+03		1.4E+01	1.5E+01(F)	
7.0E-04				I						1	1	Yes	*Potassium Perchlorate	7778-74-7					1.4E+01	1.6E+03		1.4E+01		
7.0E-04				I						1	1	Yes	*Sodium Perchlorate	7601-89-0					1.4E+01	3.2E+03		1.4E+01		
2.0E-02				P				V	2.41	1	1	Yes	Perfluorobutane Sulfonate	373-75-3					4.0E+02	8.3E+03		3.8E+02		
5.0E-02				I					6.5	1	0.6	No	Permethrin	52645-53-1					1.0E+03			1.0E+03		
2.2E-03				C					1.58	1	1	Yes	Phenacetin	62-44-2	3.5E+01	1.1E+03		3.4E+01	5.0E+03	1.9E+04		4.0E+03		
2.5E-01				I					3.59	1	0.9	Yes	Phenmedipham	13694-63-4										
3.0E-01				I					1.46	1	1	Yes	Phenol	108-95-2					6.0E+03	1.4E+05		5.8E+03		
5.0E-04				X					4.15	1	1	Yes	Phenothiazine	92-84-2					1.0E+01	7.6E+00		4.3E+00		
6.0E-03				I					-0.33	1	1	Yes	Phenylenediamine, m-	108-45-2					1.2E+02	4.8E+04		1.2E+02		
4.7E-02				H					0.15	1	1	Yes	Phenylenediamine, o-	95-54-5	1.7E+00	2.9E+02		1.6E+00	3.8E+03	1.4E+06		3.8E+03		
1.9E-03				H					-0.3	1	1	Yes	Phenylenediamine, p-	106-50-3										
									3.09	1	1	Yes	Phenylphenol, 2-	90-43-7	4.0E+01	1.2E+02		3.0E+01						
2.0E-04				H					3.56	1	0.9	Yes	Phorate	298-02-2					4.0E+00	1.2E+01		3.0E+00		
3.0E-04				I					-0.71	1	1	Yes	Phosgene	75-44-5										
2.0E-02				I					2.78	1	1	Yes	Phosmet	732-11-6					4.0E+02	5.3E+03		3.7E+02		
													Phosphates, Inorganic											
4.9E+01				P						1	1	Yes	*Aluminum metaphosphate	13776-88-0					9.7E+05	2.2E+08		9.7E+05		
4.9E+01				P						1	0	Yes	*Ammonium polyphosphate	68333-79-9					9.7E+05	2.2E+08		9.7E+05		
4.9E+01				P						1	1	Yes	*Calcium pyrophosphate	7790-76-3					9.7E+05	2.2E+08		9.7E+05		
4.9E+01				P						1	1	Yes	*Diammonium phosphate	7783-28-0					9.7E+05	2.2E+08		9.7E+05		
4.9E+01				P						1	1	Yes	*Dicalcium phosphate	7757-93-9					9.7E+05	2.2E+08		9.7E+05		
4.9E+01				P						1	1	Yes	*Dimagnesium phosphate	7782-75-4					9.7E+05	2.2E+08		9.7E+05		
4.9E+01				P						1	1	Yes	*Dipotassium phosphate	7758-11-4					9.7E+05	2.2E+08		9.7E+05		
4.9E+01				P						1	1	Yes	*Disodium phosphate	7558-79-4					9.7E+05	2.2E+08		9.7E+05		
4.9E+01				P						1	1	Yes	*Monoaluminum phosphate	13530-50-2					9.7E+05	2.2E+08		9.7E+05		
4.9E+01				P						1	1	Yes	*Monoammonium phosphate	7722-76-1					9.7E+05	2.2E+08		9.7E+05		
4.9E+01				P						1	1	Yes	*Monocalcium phosphate	7758-23-8					9.7E+05	2.2E+08		9.7E+05		
4.9E+01				P						1	1	Yes	*Monomagnesium phosphate	7757-86-0					9.7E+05	2.2E+08		9.7E+05		
4.9E+01				P						1	1	Yes	*Monopotassium phosphate	7778-77-0					9.7E+05	2.2E+08		9.7E+05		
4.9E+01				P						1	1	Yes	*Monosodium phosphate	7558-80-7					9.7E+05	2.2E+08		9.7E+05		
4.9E+01				P						1	1	Yes	*Polyphosphoric acid	8017-16-1					9.7E+05	2.2E+08		9.7E+05		
4.9E+01				P						1	0.9	Yes	*Potassium triphosphate	13845-36-8					9.7E+05	2.2E+08		9.7E+05		
4.9E+01				P						1	1	Yes	*Sodium acid pyrophosphate	7758-16-9					9.7E+05	2.2E+08		9.7E+05		
4.9E+01				P						1	1	Yes	*Sodium aluminum phosphate (acidic)	7785-88-8					9.7E+05	2.2E+08		9.7E+05		
4.9E+01				P						1	0	Yes	*Sodium aluminum phosphate (anhydrous)	10279-59-1					9.7E+05	2.2E+08		9.7E+05		
4.9E+01				P						1	0.8	Yes	*Sodium aluminum phosphate (tetrahydrate)	10305-76-7					9.7E+05	2.2E+08		9.7E+05		
4.9E+01				P						1	0.9	Yes	*Sodium hexametaphosphate	10124-56-8					9.7E+05	2.2E+08		9.7E+05		
4.9E+01				P						1	1	Yes	*Sodium polyphosphate	68915-31-1					9.7E+05	2.2E+08		9.7E+05		
4.9E+01				P						1	1	Yes	*Sodium trimetaphosphate	7785-84-4					9.7E+05	2.2E+08		9.7E+05		
4.9E+01				P						1	1	Yes	*Sodium triphosphate	7758-29-4					9.7E+05	2.2E+08		9.7E+05		
4.9E+01				P						1	1													

Regional Screening Level (RSL) Resident Tapwater Table (TR=1E-06, HQ=1) November 2015

Toxicity and Chemical-specific Information													Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncarcinogenic CHILD Hazard Index (HI) = 1					
SFO (mg/kg-day) ⁻¹	k _e (y ⁻¹)	IUR (ug/m ³) ⁻¹	k _e (y ⁻¹)	RfD _a (mg/kg-day)	k _e (y ⁻¹)	RfC _i (mg/m ³)	k _v (y ⁻¹)	muta- gen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1E-06 (ug/L)	Dermal SL TR=1E-06 (ug/L)	Inhalation SL TR=1E-06 (ug/L)	Carcinogenic SL TR=1E-06 (ug/L)	Ingestion SL Child THQ=1 (ug/L)	Dermal SL Child THQ=1 (ug/L)	Inhalation SL Child THQ=1 (ug/L)	Noncarcinogenic SL Child THI=1 (ug/L)	MCL (ug/L)	
4.9E+01	P									1	0.8	Yes	*Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate)	15136-87-5					9.7E+05	2.2E+08		9.7E+05		
4.9E+01	P									1	1	Yes	*Tricalcium phosphate	7758-87-4					9.7E+05	2.2E+08		9.7E+05		
4.9E+01	P									1	1	Yes	*Trimagnesium phosphate	7757-87-1					9.7E+05	2.2E+08		9.7E+05		
4.9E+01	P									1	1	Yes	*Tripotassium phosphate	7778-53-2					9.7E+05	2.2E+08		9.7E+05		
4.9E+01	P									1	1	Yes	*Trisodium phosphate	7601-54-9					9.7E+05	2.2E+08		9.7E+05		
3.0E-04	I	3.0E-04	I	V					-0.27	1	1	Yes	Phosphine	7803-51-2					6.0E+00	1.4E+03	6.3E-01	5.7E-01		
4.9E+01	P	1.0E-02	I							1	1	Yes	Phosphoric Acid	7664-38-2					9.7E+05	2.2E+08		9.7E+05		
2.0E-05	I								3.08	1	1	Yes	Phosphorus, White	7723-14-0					4.0E-01	9.1E+01		4.0E-01		
1.4E-02	I	2.4E-06	C							7.6	1	0.8	No	*Bis(2-ethylhexyl)phthalate	117-81-7	5.6E+00		5.6E+00		4.0E+02			4.0E+02	6.0E+00
1.0E+00	I									4.15	1	0.9	Yes	*Butylphthalyl Butylglycolate	85-70-1					2.0E+04	4.1E+04		1.3E+04	
1.0E-01	I									4.5	1	0.9	Yes	*Dibutyl Phthalate	84-74-2					2.0E+03	1.6E+03		9.0E+02	
8.0E-01	I									2.42	1	1	Yes	*Diethyl Phthalate	84-66-2					1.6E+04	2.0E+05		1.5E+04	
1.0E-01	I									2.25	1	1	Yes	*Dimethylterephthalate	120-61-6					2.0E+03	2.7E+04		1.9E+03	
1.0E-02	P									8.1	1	0	No	*Octyl Phthalate, di-N-	117-84-0					2.0E+02			2.0E+02	
1.0E+00	H									2	1	1	Yes	*Phthalic Acid, P-	100-21-0					2.0E+04	3.3E+05		1.9E+04	
2.0E+00	I	2.0E-02	C							1.6	1	1	Yes	*Phthalic Anhydride	85-44-9					4.0E+04	1.1E+06		3.9E+04	
7.0E-02	I									1.9	1	1	Yes	Picloram	1918-02-1					1.4E+03	4.3E+04		1.4E+03	5.0E+02
1.0E-04	X									0.93	1	1	Yes	Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3					2.0E+00	2.1E+02		2.0E+00	
9.0E-04	X									1.44	1	1	Yes	Picric Acid (2,4,6-Trinitrophenol)	88-89-1					1.8E+01	1.2E+03		1.8E+01	
1.0E-02	I									4.2	1	0.9	Yes	Pirimiphos, Methyl	29232-93-7					2.0E+02	3.1E+02		1.2E+02	
3.0E+01	C	8.6E-03	C	7.0E-06	H					1	0	No	Polybrominated Biphenyls	59536-65-1	2.6E-03			2.6E-03		1.4E-01			1.4E-01	
7.0E-02	S	2.0E-05	S	7.0E-05	I	V			5.69	1	0	No	Polychlorinated Biphenyls (PCBs)											
													*Aroclor 1016	12674-11-2	1.1E+00		2.8E-01	2.2E-01	1.4E+00			1.4E+00		
2.0E+00	S	5.7E-04	S							4.65	1	1	Yes	*Aroclor 1221	11104-28-2	3.9E-02	1.2E-02	9.8E-03	4.7E-03					
2.0E+00	S	5.7E-04	S							4.4	1	1	Yes	*Aroclor 1232	11141-16-5	3.9E-02	1.2E-02	9.8E-03	4.7E-03					
2.0E+00	S	5.7E-04	S							6.34	1	0.7	No	*Aroclor 1242	53409-21-9	3.9E-02		9.8E-03	7.8E-03					
2.0E+00	S	5.7E-04	S							6.2	1	0	No	*Aroclor 1248	12672-29-6	3.9E-02		9.8E-03	7.8E-03					
2.0E+00	S	5.7E-04	S	2.0E-05	I	V				6.5	1	0.5	No	*Aroclor 1254	11097-69-1	3.9E-02		9.8E-03	7.8E-03	4.0E-01			4.0E-01	
2.0E+00	S	5.7E-04	S							7.55	1	0	No	*Aroclor 1260	11096-82-5	3.9E-02		9.8E-03	7.8E-03					
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V		8.27	1	0	No	*Aroclor 5460	11126-42-4	2.0E-02		4.9E-03	4.0E-03	4.7E-01		2.8E+00	4.0E-01	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V		7.5	1	0	No	*Heptachlorobiphenyl, 2,3,3',4,4',5,5'-(PCB 189)	39635-31-9	2.0E-02		4.9E-03	4.0E-03	4.7E-01		2.8E+00	4.0E-01	
													*Hexachlorobiphenyl, 2,3,3',4,4',5,5'-(PCB 167)	52663-72-6	2.0E-02		4.9E-03	4.0E-03	4.7E-01		2.8E+00	4.0E-01		
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V		7.6	1	0	No	*Hexachlorobiphenyl, 2,3,3',4,4',5,5'-(PCB 152)	69782-90-7	2.0E-02		4.9E-03	4.0E-03	4.7E-01		2.8E+00	4.0E-01	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V		7.6	1	0	No	*Hexachlorobiphenyl, 2,3,3',4,4',5,5'-(PCB 156)	38380-08-4	2.0E-02		4.9E-03	4.0E-03	4.7E-01		2.8E+00	4.0E-01	
3.9E+03	E	1.1E+00	E	2.3E-08	E	1.3E-06	E	V		7.41	1	0.1	No	*Hexachlorobiphenyl, 3,3',4,4',5,5'-(PCB 169)	32774-16-6	2.0E-05		4.9E-06	4.0E-06	4.7E-04		2.8E-03	4.0E-04	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V		6.98	1	0.4	No	*Pentachlorobiphenyl, 2,3,3',4,4',5,5'-(PCB 123)	65510-44-3	2.0E-02		4.9E-03	4.0E-03	4.7E-01		2.8E+00	4.0E-01	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V		7.12	1	0.3	No	*Pentachlorobiphenyl, 2,3,3',4,4',5,5'-(PCB 118)	31508-00-6	2.0E-02		4.9E-03	4.0E-03	4.7E-01		2.8E+00	4.0E-01	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V		6.79	1	0.5	No	*Pentachlorobiphenyl, 2,3,3',4,4'-(PCB 105)	32598-14-4	2.0E-02		4.9E-03	4.0E-03	4.7E-01		2.8E+00	4.0E-01	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V		6.98	1	0.4	No	*Pentachlorobiphenyl, 2,3,4,4',5-(PCB 114)	74472-37-0	2.0E-02		4.9E-03	4.0E-03	4.7E-01		2.8E+00	4.0E-01	
1.3E+04	E	3.8E+00	E	7.0E-09	E	4.0E-07	E	V		6.98	1	0.4	No	*Pentachlorobiphenyl, 3,3',4,4',5-(PCB 126)	57465-28-8	6.0E-06		1.5E-06	1.2E-06	1.4E-04		8.3E-04	1.2E-04	
2.0E+00	I	5.7E-04	I							7.1	1	0.7	No	*Polychlorinated Biphenyls (high risk)	1336-36-3									
4.0E-01	I	1.0E-04	I							7.1	1	0.7	No	*Polychlorinated Biphenyls (low risk)	1336-36-3	1.9E-01		5.6E-02	4.4E-02					5.0E-01
7.0E-02	I	2.0E-05	I							7.1	1	0.7	No	*Polychlorinated Biphenyls (lowest risk)	1336-36-3									
1.3E+01	E	3.8E-03	E	7.0E-06	E	4.0E-04	E			6.63	1	0.6	No	*Tetrachlorobiphenyl, 3,3',4,4'-(PCB 77)	32598-13-3	6.0E-03		6.0E-03		1.4E-01			1.4E-01	
3.9E+01	E	1.1E-02	E	2.3E-06	E	1.3E-04	E	V		6.34	1	0.7	No	*Tetrachlorobiphenyl, 3,4,4',5-(PCB 81)	70362-50-4	2.0E-03		4.9E-04	4.0E-04	4.7E-02		2.8E-01	4.0E-02	
										6.0E-04	I	10.46	1	0	No	Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9							
													Polynuclear Aromatic Hydrocarbons (PAHs)											
6.0E-02	I									3.92	1	1	Yes	*Acenaphthene	83-32-9					1.2E+03	9.6E+02		5.3E+02	
7.3E-01	E	1.1E-04	C							4.45	1	1	Yes	*Anthracene	120-12-7					6.0E+03	2.5E+03		1.8E+03	
										5.76	1	1	No	*Benz[a]anthracene	56-55-3	3.4E-02		1.8E-02	1.2E-02					
1.2E+00	C	1.1E-04	C							6.11	1	0.9	No	*Benzo[<i>j</i>]fluoranthene	205-82-3	6.5E-02			6.5E-02					
7.3E+00	I	1.1E-03	C							6.13	1	1	No	*Benzo[<i>a</i>]pyrene	50-32-8	3.4E-03			3.4E-03					2.0E-01
7.3E-01	E	1.1E-04	C							5.78	1	1	No	*Benzo[<i>b</i>]fluoranthene	205-99-2	3.4E-02			3.4E-02					
7.3E-02	E	1.1E-04	C							6.11	1	0.9	No	*Benzo[<i>k</i>]fluoranthene	207-08-9	3.4E-01			3.4E-01					
7.3E-03	E	1.1E-05	C							3.9	1	1	Yes	*Chloronaphthalene, Beta-	91-58-7					1.6E+03	1.4E+03		7.5E+02	
										5.81	1	1	No	*Chrysene	218-01-9	3.4E+00			3.4E+00	</				

Regional Screening Level (RSL) Resident Tapwater Table (TR=1E-06, HQ=1) November 2015

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-06				Noncancer CHILD Hazard Index (HI) = 1						
SFO (mg/kg-day)	k _e y	IUR (ug/m ³) ⁻¹	k _e y	RfD _a (mg/kg-day)	k _e y	RfC _i (mg/m ³) ⁻¹	k _e y	muta- gen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1E-06 (ug/L)	Dermal SL TR=1E-06 (ug/L)	Inhalation SL TR=1E-06 (ug/L)	Carcinogenic SL TR=1E-06 (ug/L)	Ingestion SL Child THQ=1 (ug/L)	Dermal SL Child THQ=1 (ug/L)	Inhalation SL Child THQ=1 (ug/L)	Noncarcinogenic SL Child THQ=1 (ug/L)	MCL (ug/L)		
3.4E-05	C			4.0E-03 2.0E-02	I I	3.0E-03	V V		3.86 3.3	1 1	1 1	Yes Yes	*Methylnaphthalene, 2- *Naphthalene	91-57-6 91-20-3			1.7E-01	1.7E-01			8.0E+01 4.0E+02	6.5E+01 7.0E+02	6.3E+00	3.6E+01 6.1E+00	
1.2E+00	C	1.1E-04	C	3.0E-02 2.0E-02	I P		V		4.75 4.88 -0.33	1 1 1	0.9 1 1	Yes Yes Yes	*Nitropyrene, 4- *Pyrene Potassium Perfluorobutane Sulfonate	57835-92-4 129-00-0 29420-49-3	6.5E-02	2.7E-02		1.9E-02			6.0E+02 4.0E+02	1.5E+02 2.8E+05		1.2E+02 4.0E+02	
1.5E-01	I			9.0E-03 6.0E-03 1.5E-02	I H I		V		4.1 5.58 2.99	1 1 1	0.9 0.8 1	Yes Yes Yes	Prochloraz Profuralin Prometon	67747-09-5 26399-36-0 1610-18-0	5.2E-01	1.4E+00		3.8E-01			1.8E+02 1.2E+02 3.0E+02	5.1E+02 3.3E+01 1.6E+03		1.3E+02 2.6E+01 2.5E+02	
				4.0E-03 1.3E-02 4.0E-03	I I I				3.51 2.18 1.52	1 1 1	0.9 1 1	Yes Yes Yes	Prometryn Propachlor Propanediol, 1,2-	7287-19-6 1918-16-7 114-26-1							8.0E+01 2.6E+02 8.0E+01	2.3E+02 4.3E+03 3.6E+03		6.0E+01 2.5E+02 7.8E+01	
				5.0E-03 2.0E-02 2.0E-03	I I I				3.07 5 -0.38	1 1 1	1 0.8 1	Yes Yes Yes	Propanil Propargite Propargyl Alcohol	709-98-8 2312-35-8 107-19-7							1.0E+02 4.0E+02 4.0E+01	4.4E+02 2.7E+02 1.2E+04		8.2E+01 1.6E+02 4.0E+01	
				2.0E-02 2.0E-02 1.3E-02	I I I				2.93 2.6 3.72	1 1 1	1 1 0.9	Yes Yes Yes	Propazine Propham Propiconazole	139-40-2 122-42-9 60207-90-1							4.0E+02 4.0E+02 2.6E+02	2.4E+03 2.8E+03 1.1E+03		3.4E+02 3.5E+02 2.1E+02	
				1.0E-01	X	8.0E-03 1.0E+00 3.0E+00	I X C	V V	0.59 3.69 1.77	1 1 1	1 1 1	Yes Yes Yes	Propionaldehyde Propyl benzene Propylene	123-38-6 103-65-1 115-07-1							2.0E+03	1.8E+03 2.1E+03 6.3E+03		1.7E+01 6.6E+02 6.3E+03	
				2.0E+01 7.0E-01	P H	2.7E-04 2.0E+00	A I	V V	-0.92 1.83 -0.49	1 1 1	1 1 1	Yes Yes Yes	Propylene Glycol Propylene Glycol Dinitrate Propylene Glycol Monomethyl Ether	57-55-6 6423-43-4 107-98-2							4.0E+05 1.4E+04	3.2E+08 3.9E+06		4.0E+05 3.2E+03	
2.4E-01	I	3.7E-06	I	7.5E-02 1.0E-03	I I	3.0E-02	I V		0.03 3.43 0.65	1 1 1	1 0.9 1	Yes Yes Yes	Propylene Oxide Propyzamide Pyridine	75-56-9 23950-58-5 110-86-1	3.2E-01	4.7E+01	1.5E+00	2.7E-01			1.5E+03 2.0E+01	5.5E+03 1.5E+03		1.2E+03 2.0E+01	
3.0E+00	I			5.0E-04	I				4.44 2.03 4.28	1 1 1	0.9 1 0.9	Yes Yes Yes	Quinalphos Quinoline Quizalofop-ethyl	13593-03-8 91-52-5 76578-14-8	2.6E-02	2.9E-01		2.4E-02			1.0E+01 1.8E+02	1.0E+01 3.8E+02		5.1E+00 1.2E+02	
				3.0E-02 5.0E-02	I H	3.0E-02	A V		6.14 4.88	1 1	0 0.8	Yes Yes	Refractory Ceramic Fibers Resmethrin Ronnel	NA 10453-86-8 299-84-3							6.0E+02 1.0E+03	7.6E+01 6.8E+02		6.7E+01 4.1E+02	
2.2E-01	C	6.3E-05	C	4.0E-03 5.0E-03	I I			M	4.1 3.45	1 1	0.9 1	Yes Yes	Rotenone Safole Selenious Acid	83-79-4 94-59-7 7783-00-8	1.1E-01	6.0E-01		9.6E-02			8.0E+01 1.0E+02	2.6E+02 2.3E+04		6.1E+01 1.0E+02	
				5.0E-03 5.0E-03 9.0E-02	I C I	2.0E-02 2.0E-02	C C		4.38	1 1 1	1 1 0.9	Yes Yes Yes	Selenium Selenium Sulfide Sethoxydim	7782-49-2 7446-34-6 74051-80-2							1.0E+02 1.0E+02 1.8E+03	2.3E+04 2.3E+04 2.4E+03		1.0E+02 1.0E+02 1.0E+03	5.0E+01
1.2E-01	H			5.0E-03 5.0E-03	I I	3.0E-03	C		0.04 2.18	1 1	1 1	Yes Yes	Silica (crystalline, respirable) Silver Simazine	7631-86-9 7440-22-4 122-34-9	6.5E-01	9.3E+00		6.1E-01			1.0E+02 1.0E+02	1.5E+03 1.6E+03		9.4E+01 9.4E+01	4.0E+00
5.0E-01	C	1.5E-01	C	1.3E-02 4.0E-03 2.0E-02	I I C	2.0E-04	C	M	0.37 1 0.025	1 1 1	1 1 1	Yes Yes Yes	Sodium Acifluorfen Sodium Azide Sodium Dichromate	62476-59-9 26628-22-8 10588-01-9	5.0E-02	2.3E-01		4.1E-02			2.6E+02 8.0E+01 4.0E+02	2.1E+05 1.8E+04 2.3E+03		2.6E+02 8.0E+01 3.4E+02	
2.7E-01	H			3.0E-02 5.0E-02 2.0E-05	I A I	1.3E-02	C		-1.43 1 -3.78	1 1 1	1 1 No	Yes Yes No	Sodium Diethyldithiocarbamate Sodium Fluoride Sodium Fluoroacetate	148-18-5 7681-49-4 62-74-8	2.9E-01	8.5E+02		2.9E-01			6.0E+02 1.0E+03 4.0E-01	1.9E+06 2.3E+05		6.0E+02 1.0E+03 4.0E-01	
				1.0E-03 8.0E-04 8.0E-04	H P P				1 1 1	1 1 1	1 1 Yes	Yes Yes Yes	Sodium Metavanadate Sodium Tungstate Sodium Tungstate Dihydrate	13718-26-8 13472-45-2 10213-10-2							2.0E+01 1.6E+01 1.6E+01	4.6E+03 3.6E+03 3.6E+03		2.0E+01 1.6E+01 1.6E+01	
2.4E-02	H			3.0E-02 2.0E-02 6.0E-01	I C I	2.0E-04	C	M	3.53 0.025 1	1 1 1	0.9 1 Yes	Yes Yes Yes	Stirofos (Tetrachlorovinphos) Strontium Chromate Strontium, Stable	961-11-5 7789-06-2 7440-24-6	3.2E+00 5.0E-02	1.9E+01 2.3E-01		2.8E+00 4.1E-02			6.0E+02 4.0E+02 1.2E+04	3.8E+03 2.3E+03 2.7E+06		5.2E+02 3.4E+02 1.2E+04	
				3.0E-04 2.0E-01 3.0E-03	I I P	1.0E+00	I V		1.93 2.95 3.1	1 1 1	1 1 1	Yes Yes Yes	Strychnine Styrene Styrene-Acrylonitrile (SAN) Trimer	57-24-9 100-42-5 NA							6.0E+00 4.0E+03 6.0E+01	3.2E+02 1.0E+04 2.4E+02	2.1E+03	5.9E+00 1.2E+03 4.8E+01	1.0E+02
				1.0E-03 8.0E-04	P P	2.0E-03	X		-0.77 3.9	1 1	1 0.9	Yes Yes	Sulfolane Sulfonylbis(4-chlorobenzene), 1,1'- Sulfur Trioxide	126-33-0 80-07-9 7446-11-9							2.0E+01 1.6E+01	1.7E+04 3.5E+01	2.1E+00	2.0E+01 1.1E+01 2.1E+00	
2.5E-02	I	7.1E-06	I	5.0E-02 3.0E-02	H H				4.82 3.3	1 1	0.8 0.9	Yes Yes	Sulfuric Acid Sulfurous acid, 2-chloroethyl 2-[(4-(1,1-dimethylethyl)phenoxy)-1-methylethyl] ester TCMTB	7664-93-9 140-57-8 21564-17-0	3.1E+00	2.3E+00		1.3E+00			1.0E+03 6.0E+02	8.2E+02 2.4E+03		4.5E+02 4.8E+02	
				7.0E-02 2.0E-02	I H				1.79 5.96	1 1	1 0.7	Yes No	Tebuthiuron Temephos	34014-18-1 3383-96-8							1.4E+03 4.0E+02	4.7E+04		1.4E+03 4.0E+02	

Regional Screening Level (RSL) Resident Tapwater Table (TR=1E-06, HQ=1) November 2015

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-06				Noncancer CHILD Hazard Index (HI) = 1				
SFO (mg/kg-day)	k _e (y ⁻¹)	IUR (ug/m ³) ⁻¹	k _e (y ⁻¹)	RfD _o (mg/kg-day)	k _e (y ⁻¹)	RfC _o (mg/m ³)	k _e (y ⁻¹)	muta- gen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1E-06 (ug/L)	Dermal SL TR=1E-06 (ug/L)	Inhalation SL TR=1E-06 (ug/L)	Carcinogenic SL TR=1E-06 (ug/L)	Ingestion SL Child THQ=1 (ug/L)	Dermal SL Child THQ=1 (ug/L)	Inhalation SL Child THQ=1 (ug/L)	Noncarcinogenic SL Child THQ=1 (ug/L)	MCL (ug/L)
1.3E-02	I								1.89	1	1	Yes	Terbacil	5902-51-2					2.6E+02	7.0E+03		2.5E+02	
2.5E-05	H								4.48	1	0.9	Yes	Terbufos	13071-79-9					5.0E-01	4.5E-01		2.4E-01	
1.0E-03	I								3.74	1	0.9	Yes	Terbutryn	886-50-0					2.0E+01	4.1E+01		1.3E+01	
1.0E-04	I								6.77	1	0.6	No	Tetrabromodiphenyl ether, 2,2',4,4'-(BDE-47)	5436-43-1					2.0E+00			2.0E+00	
3.0E-04	I								4.64	1	1	Yes	Tetrachlorobenzene, 1,2,4,5-	95-94-3					6.0E+00	2.4E+00		1.7E+00	
2.6E-02	I	7.4E-06	I						2.93	1	1	Yes	Tetrachloroethane, 1,1,1,2-	630-20-6	3.0E+00	1.1E+01	7.6E-01	5.7E-01	6.0E+02	2.4E+03		4.8E+02	
2.0E-01	I	5.8E-05	C						2.39	1	1	Yes	Tetrachloroethane, 1,1,2,2-	79-34-5	3.9E-01	3.3E+00	9.7E-02	7.6E-02	4.0E+02	3.6E+03		3.6E+02	
2.1E-03	I	2.6E-07	I						3.4	1	1	Yes	Tetrachloroethylene	127-18-4	3.7E+01	6.5E+01	2.2E+01	1.1E+01	1.2E+02	2.3E+02	8.3E+01	4.1E+01	5.0E+00
2.0E+01	H								4.45	1	0.9	Yes	Tetrachlorophenol, 2,3,4,6-	58-90-2					6.0E+02	3.9E+02		2.4E+02	
									4.54	1	0.9	Yes	Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1	3.9E-03	2.0E-03		1.3E-03					
5.0E-04	I								3.99	1	0.9	Yes	Tetraethyl Dithiophosphosphate	3689-24-5					1.0E+01	2.4E+01		7.1E+00	
2.0E-03	P								8.0E+01	1	1	Yes	Tetrafluoroethane, 1,1,1,2-	811-97-2					4.0E+01	2.5E+03		1.7E+05	
									1.64	1	1	Yes	Tetryl (Trinitrophenylmethylnitramine)	479-45-8								3.9E+01	
7.0E-06	X											Yes	Thallium (I) Nitrate	10102-45-1					1.4E-01	3.2E+01		1.4E-01	
1.0E-05	X											Yes	Thallium (Soluble Salts)	7440-28-0					2.0E-01	4.6E+01		2.0E-01	2.0E+00
6.0E-06	X								-0.17	1	1	Yes	Thallium Acetate	563-68-8					1.2E-01	1.0E+02		1.2E-01	
2.0E-05	X								-0.86	1	1	Yes	Thallium Carbonate	6533-73-9					4.0E-01	3.7E+03		4.0E-01	
6.0E-06	X											Yes	Thallium Chloride	7791-12-0					1.2E-01	2.7E+01		1.2E-01	
2.0E-05	X										0.9	Yes	Thallium Sulfate	7446-18-6					4.0E-01	9.1E+01		4.0E-01	
1.3E-02	I								1.56	1	1	Yes	Thiolsulfuron-methyl	79277-27-3					2.6E+02	3.5E+04		2.6E+02	
1.0E-02	I								3.4	1	0.9	Yes	Thiohencarh	28249-77-6					2.0E+02	7.7E+02		1.6E+02	
7.0E-02	X								-0.63	1	1	Yes	Thiodiglycol	111-48-8					1.4E+03	9.7E+05		1.4E+03	
3.0E-04	H								2.16	1	1	Yes	Thiofanox	39196-18-4					6.0E+00	4.4E+01		5.3E+00	
8.0E-02	I								1.4	1	1	Yes	Thiophanate, Methyl	23564-05-8					1.6E+03	2.1E+05		1.6E+03	
5.0E-03	I								1.73	1	1	Yes	Thiram	137-26-8					1.0E+02	4.0E+03		9.8E+01	
6.0E-01	H											Yes	Tin	7440-31-5					1.2E+04	2.7E+06		1.2E+04	
									1.0E-04	A	V	Yes	Titanium Tetrachloride	7550-45-0								2.1E-01	
8.0E-02	I								2.73	1	1	Yes	Toluene	108-88-3					1.6E+03	5.3E+03		1.0E+04	1.0E+03
1.8E-01	X								0.16	1	1	Yes	Toluene-2,5-diamine	95-70-5	4.3E-01	8.2E+01		4.3E-01	4.0E+00	8.3E+02		4.0E+00	
3.0E-02	P								1.39	1	1	Yes	Toluidine, p-	106-49-6	2.6E+00	6.8E+01		2.5E+00	8.0E+01	2.3E+03		7.7E+01	
									6.1	1	1	No	Total Petroleum Hydrocarbons (Aliphatic High)	NA					6.0E+04			6.0E+04	
									3.9	1	1	Yes	Total Petroleum Hydrocarbons (Aliphatic Low)	NA								1.3E+03	1.3E+03
									5.65	1	1	No	Total Petroleum Hydrocarbons (Aliphatic Medium)	NA					2.0E+02			2.1E+02	1.0E+02
									5.16	1	1	No	Total Petroleum Hydrocarbons (Aromatic High)	NA					8.0E+02			8.0E+02	
									2.13	1	1	Yes	Total Petroleum Hydrocarbons (Aromatic Low)	NA					8.0E+01	6.1E+02		6.3E+01	3.3E+01
									3.58	1	1	Yes	Total Petroleum Hydrocarbons (Aromatic Medium)	NA					8.0E+01	9.0E+01		6.3E+00	5.5E+00
1.1E+00	I	3.2E-04	I						5.9	1	0.8	No	Toxaphene	8001-35-2	7.1E-02			7.1E-02					3.0E+00
7.5E-03	I								7.56	1	0.5	No	Tralometrin	56841-25-6					1.5E+02			1.5E+02	
3.0E-04	A								4.1	1	0.9	Yes	Tri-n-butyltin	688-73-3					6.0E+00	9.9E+00		3.7E+00	
8.0E+01	X								0.25	1	1	Yes	Triacetin	102-76-1					1.6E+06	5.3E+08		1.6E+06	
3.0E-02	I								2.77	1	1	Yes	Triadimefon	43121-43-3					6.0E+02	6.9E+03		5.5E+02	
1.3E-02	I								4.6	1	0.9	Yes	Triallate	2303-17-5					2.6E+02	2.2E+02		1.2E+02	
1.0E-02	I								1.1	1	1	Yes	Triasulfuron	82097-50-5					2.0E+02	6.0E+04		2.0E+02	
8.0E-03	I								0.78	1	1	Yes	Tribenuron-methyl	101200-48-0					1.6E+02	5.0E+03		1.6E+02	
5.0E-03	I								4.66	1	0.9	Yes	Tribromobenzene, 1,2,4-	615-54-3					1.0E+02	8.1E+01		4.5E+01	
9.0E-03	P								4	1	0.9	Yes	Tributyl Phosphate	126-73-8	8.7E+00	1.3E+01		5.2E+00	2.0E+02	3.3E+02		1.2E+02	
3.0E-04	P										0	No	Tributyltin Compounds	NA					6.0E+00			6.0E+00	
3.0E-04	I								4.05	1	1	Yes	Tributyltin Oxide	56-35-9					6.0E+00	9.5E+01		5.7E+00	
3.0E+01	I	3.0E+01	H	V					3.16	1	1	Yes	Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1					6.0E+05	1.9E+06	6.3E+04	5.5E+04	
7.0E-02	I								1.33	1	1	Yes	Trichloroacetic Acid	76-03-9	1.1E+00	4.6E+01		1.1E+00	4.0E+02	1.8E+04		3.9E+02	6.0E+01
2.9E-02	H								-0.67	1	1	Yes	Trichloroaniline HCl, 2,4,6-	33663-50-2	2.7E+00	3.7E+03		2.7E+00					
7.0E-03	X								3.52	1	1	Yes	Trichloroaniline, 2,4,6-	634-93-5	1.1E+01	2.0E+01		7.1E+00	6.0E-01	1.2E+00		4.0E-01	
8.0E-04	X								4.05	1	1	Yes	Trichlorobenzene, 1,2,3-	87-61-6					1.6E+01	1.3E+01		7.0E+00	
2.9E-02	P								4.02	1	1	Yes	Trichlorobenzene, 1,2,4-	120-82-1	2.7E+00	2.0E+00		1.2E+00	2.0E+02	1.6E+02	4.2E+00	4.0E+00	7.0E+01
									2.49	1	1	Yes	Trichloroethane, 1,1,1-	71-55-6					4.0E+04	2.5E+05	1.0E+04	8.0E+03	2.0E+02
5.7E-02	I	1.6E-05	I						1.89	1	1	Yes	Trichloroethane, 1,1,2-	79-00-5	1.4E+00	2.0E+01	3.5E-01	2.8E-01	8.0E+01	1.3E+03	4.2E-01	4.1E-01	5.0E+00
4.6E-02	I	4.1E-06	I						2.42	1	1	Yes	Trichloroethylene	79-01-6	1.2E+00	7.4E+00	9.6E-01	4.9E-01	1.0E+01	6.9E+01	4.2E+00	2.8E+00	5.0E+00
									2.53	1	1	Yes	Trichlorofluoromethane	75-69-4					6.0E+03	3.6E+04		5.2E+03	
1.1E-02	I	3.1E-06	I						3.72	1	1	Yes	Trichlorophenol, 2,4,5-	95-95-4					2.0E+03	2.9E+03		1.2E+03	
									3.69	1	1	Yes	Trichlorophenol, 2,4,6-	88-06-2	7.1E+00</								

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Toxicity and Chemical-specific Information													Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 1				
SFO (mg/kg-day)	k _e y	IUR (ug/m ³ -d)	k _e y	RF _d (mg/kg-day)	k _e y	RF _c (mg/m ³ -d)	k _e y	muta- gen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1E-06 (ug/L)	Dermal SL TR=1E-06 (ug/L)	Inhalation SL TR=1E-06 (ug/L)	Carcinogenic SL TR=1E-06 (ug/L)	Ingestion SL Child THQ=1 (ug/L)	Dermal SL Child THQ=1 (ug/L)	Inhalation SL Child THQ=1 (ug/L)	Noncarcinogenic SL Child THI=1 (ug/L)	MCL (ug/L)
3.0E-03	X			3.0E-04	P	V			2.78	1	1	Yes	Trichloropropene, 1,2,3-	96-19-5					6.0E+01	2.6E+02	6.3E-01	6.2E-01	
2.0E-02	A			5.11					5.11	1	0.8	Yes	Tricresyl Phosphate (TCP)	1330-78-5					4.0E+02	2.6E+02		1.6E+02	
3.0E-03	I			5.18					5.18	1	0.8	Yes	Tridiphan	58138-08-2					6.0E+01	2.6E+01		1.8E+01	
7.0E-03	I			1.45					1.45	1	1	Yes	Triethylamine	121-44-8							1.5E+01		
2.0E+00	P			-1.75					-1.75	1	1	Yes	Triethylene Glycol	112-27-6					4.0E+04	1.8E+08		4.0E+04	
2.0E+01	P			1.74					1.74	1	1	Yes	Trifluoroethane, 1,1,1-	420-46-2							4.2E+04		
7.7E-03	I			5.34					5.34	1	0.8	Yes	Trifluralin	1582-09-8	1.0E+01	3.4E+00		2.6E+00	1.5E+02	5.5E+01		4.0E+01	
2.0E-02	P			-0.65					-0.65	1	1	Yes	Trimethyl Phosphate	512-56-1	3.9E+00	2.8E+03		3.9E+00	2.0E+02	1.6E+05		2.0E+02	
				3.66					3.66	1	1	Yes	Trimethylbenzene, 1,2,3-	576-73-8							1.0E+01	1.0E+01	
				3.63					3.63	1	1	Yes	Trimethylbenzene, 1,2,4-	95-63-6							1.5E+01	1.5E+01	
				3.42					3.42	1	1	Yes	Trimethylbenzene, 1,3,5-	108-67-8					2.0E+02	2.8E+02		1.2E+02	
				4.08					4.08	1	1	Yes	Trimethylpentene, 2,4,4-	25167-70-8					2.0E+02	9.6E+01		6.5E+01	
				1.18					1.18	1	1	Yes	Trinitrobenzene, 1,3,5-	99-35-4					6.0E+02	4.7E+04		5.9E+02	
				1.6					1.6	1	1	Yes	Trinitrotoluene, 2,4,6-	118-96-7	2.6E+00	1.1E+02		2.5E+00	1.0E+01	4.5E+02		9.8E+00	
				2.83					2.83	1	1	Yes	Triphenylphosphine Oxide	791-28-6					4.0E+02	3.8E+03		3.6E+02	
				3.65				0.9	3.65	1	0.9	Yes	Tris(1,3-Dichloro-2-propyl)phosphate	19674-87-8					4.0E+02	3.2E+03		3.6E+02	
				2.59				1	2.59	1	1	Yes	Tris(1-chloro-2-propyl)phosphate	19874-84-5					2.0E+02	3.8E+03		1.9E+02	
				4.29				1	4.29	1	1	No	Tris(2,3-dibromopropyl)phosphate	126-72-7	3.4E-02		8.5E-03	6.8E-03	2.0E+02	3.8E+03			
				1.44				1	1.44	1	1	Yes	Tris(2-chloroethyl)phosphate	115-96-8	3.9E+00	3.0E+02		3.8E+00	1.4E+02	1.2E+04		1.4E+02	
				9.49				0	9.49	1	0	No	Tris(2-ethylhexyl)phosphate	78-42-2	2.4E+01			2.4E+01	2.0E+03			2.0E+03	
								1		1	1	Yes	Tungsten	7440-33-7					1.6E+01	3.6E+03		1.6E+01	
								1		1	1	Yes	Uranium (Soluble Salts)	NA					6.0E+01	1.4E+04		6.0E+01	3.0E+01
								1		1	1	Yes	Urethane	51-79-6									
								1		1	1	Yes	Vanadium Pentoxide	1314-62-1	2.5E-02	6.1E+00		2.5E-02	1.8E+02	1.1E+03		1.5E+02	
								1		1	1	Yes	Vanadium and Compounds	7440-62-2					1.0E+02	6.0E+02		8.6E+01	
								1		1	1	Yes	Vernolate	1929-77-7					2.0E+01	2.5E+01		1.1E+01	
								0.9		1	0.9	Yes	Vindozolin	50471-44-8					5.0E+02	3.7E+03		4.4E+02	
								1		1	1	Yes	Vinyl Acetate	108-05-4					2.0E+04	1.4E+06	4.2E+02	4.1E+02	
								1		1	1	Yes	Vinyl Bromide	593-60-2			1.8E-01	1.8E-01	2.0E+04	1.4E+06	6.3E+00	6.3E+00	
								1		1	1	Yes	Vinyl Chloride	75-01-4	2.1E-02	2.8E-01	3.4E-01	1.9E-02	6.0E+01	8.9E+02	2.1E+02	4.4E+01	2.0E+00
								1		1	1	Yes	Warfarin	81-81-2					6.0E+00	8.4E+01		5.6E+00	
								1		1	1	Yes	Xylene, p-	106-42-3					4.0E+03	7.6E+03	2.1E+02	1.9E+02	
								1		1	1	Yes	Xylene, m-	108-38-3					4.0E+03	7.1E+03	2.1E+02	1.9E+02	
								1		1	1	Yes	Xylene, o-	95-47-6					4.0E+03	8.0E+03	2.1E+02	1.9E+02	
								1		1	1	Yes	Xylenes	1330-20-7					4.0E+03	7.5E+03	2.1E+02	1.9E+02	1.0E+04
								1		1	1	Yes	Zinc Phosphide	1314-84-7					6.0E+00	2.3E+03		6.0E+00	
								1		1	1	Yes	Zinc and Compounds	7440-66-6					6.0E+03	2.3E+06		6.0E+03	
								1		1	1	Yes	Zincb	12122-67-7					1.0E+03	9.7E+04		9.9E+02	
								1		1	1	Yes	Zirconium	7440-67-7					1.6E+00	3.6E+02		1.6E+00	

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Toxicity and Chemical-specific						Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
IUR (ug/m ³) ⁻¹	k e y	RfC, (mg/m ³)	k e y	v o l a t i l e	muta- gen	Analyte	CAS No.	Carcinogenic SL TR=1E-06 (ug/m ³)	Noncarcinogenic SL HI=1 (ug/m ³)
2.2E-06	I	9.0E-03	I	V		Acephate	30560-19-1		
						Acetaldehyde	75-07-0	1.3E+00	9.4E+00
						Acetochlor	34256-82-1		
		3.1E+01	A	V		Acetone	67-64-1		3.2E+04
		2.0E-03	X			Acetone Cyanohydrin	75-86-5		2.1E+00
		6.0E-02	I	V		Acetonitrile	75-05-8		6.3E+01
					V	Acetophenone	98-86-2		
1.3E-03	C					Acetylaminofluorene, 2-	53-96-3	2.2E-03	
		2.0E-05	I	V		Acrolein	107-02-8		2.1E-02
1.0E-04	I	6.0E-03	I		M	Acrylamide	79-06-1	1.0E-02	6.3E+00
		1.0E-03	I	V		Acrylic Acid	79-10-7		1.0E+00
6.8E-05	I	2.0E-03	I	V		Acrylonitrile	107-13-1	4.1E-02	2.1E+00
		6.0E-03	P			Adiponitrile	111-69-3		6.3E+00
						Alachlor	15972-60-8		
						Aldicarb	116-06-3		
4.9E-03	I			V		Aldicarb Sulfone	1646-88-4		
						Aldicarb sulfoxide	1646-87-3		
						Aldrin	309-00-2	5.7E-04	
		1.0E-04	X	V		Allyl Alcohol	107-18-6		1.0E-01
6.0E-06	C	1.0E-03	I	V		Allyl Chloride	107-05-1	4.7E-01	1.0E+00
		5.0E-03	P			Aluminum	7429-90-5		5.2E+00
						Aluminum Phosphide	20859-73-8		
6.0E-03	C					Ametryn	834-12-8		
						Aminobiphenyl, 4-	92-67-1	4.7E-04	
						Aminophenol, m-	591-27-5		
						Aminophenol, p-	123-30-8		
						Amitraz	33089-61-1		
		1.0E-01	I	V		Ammonia	7664-41-7		1.0E+02
		3.0E-03	X	V		Ammonium Sulfamate	7773-06-0		3.1E+00
						Amyl Alcohol, tert-	75-85-4		
1.6E-06	C	1.0E-03	I			Aniline	62-53-3	1.8E+00	1.0E+00
						Antraquinone, 9,10-	84-65-1		
						Antimony (metallic)	7440-36-0		
						Antimony Pentoxide	1314-60-9		
						Antimony Tetroxide	1332-81-6		
		2.0E-04	I			Antimony Trioxide	1309-64-4		2.1E-01
4.3E-03	I	1.5E-05	C			Arsenic, inorganic	7440-38-2	6.5E-04	1.6E-02
		5.0E-05	I			Arsine	7784-42-1		5.2E-02
						Asulam	3337-71-1		
						Atrazine	1912-24-9		
						Auramine	492-80-8	1.1E-02	
						Avermectin B1	65195-55-3		
		1.0E-02	A			Azinphos-methyl	86-50-0		1.0E+01
3.1E-05	I			V		Azobenzene	103-33-3	9.1E-02	
		7.0E-06	P			Azodicarbonamide	123-77-3		7.3E-03
		5.0E-04	H			Barium	7440-39-3		5.2E-01
1.5E-01	C	2.0E-04	C		M	Barium Chromate	10294-40-3	6.8E-06	2.1E-01
				V		Benfluralin	1861-40-1		
						Benomyl	17804-35-2		
						Bensulfuron-methyl	83055-99-6		
						Bentazon	25057-89-0		
				V		Benzaldehyde	100-52-7		
7.8E-06	I	3.0E-02	I	V		Benzene	71-43-2	3.6E-01	3.1E+01
						Benzenediamine-2-methyl sulfate, 1,4-	6369-59-1		
				V		Benzenethiol	108-98-5		
6.7E-02	I				M	Benzidine	92-87-5	1.5E-05	
						Benzoic Acid	65-85-0		
				V		Benzotrithloride	98-07-7		
						Benzyl Alcohol	100-51-6		
4.9E-05	C	1.0E-03	P	V		Benzyl Chloride	100-44-7	5.7E-02	1.0E+00
2.4E-03	I	2.0E-05	I			Beryllium and compounds	7440-41-7	1.2E-03	2.1E-02
						Bifenox	42576-02-3		
						Biphenthrin	82657-04-3		
		4.0E-04	X	V		Biphenyl, 1,1'-	92-52-4		4.2E-01
				V		Bis(2-chloro-1-methylethyl) ether	108-60-1		
						Bis(2-chloroethoxy)methane	111-91-1		
3.3E-04	I			V		Bis(2-chloroethyl)ether	111-44-4	8.5E-03	
6.2E-02	I			V		Bis(chloromethyl)ether	542-88-1	4.5E-05	

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Toxicity and Chemical-specific						Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
IUR (ug/m ³) ⁻¹	k e y	RfC, (mg/m ³)	k e y	v o l a t i l e	muta- gen	Analyte	CAS No.	Carcinogenic SL TR=1E-06 (ug/m ³)	Noncarcinogenic SL HI=1 (ug/m ³)
						Bisphenol A	80-05-7		
		2.0E-02	H			Boron And Borates Only	7440-42-8		2.1E+01
		2.0E-02	P	V		Boron Trichloride	10294-34-5		2.1E+01
		1.3E-02	C	V		Boron Trifluoride	7637-07-2		1.4E+01
6.0E-04	X			V		Bromate	15541-45-4	4.7E-03	
		6.0E-02	I	V		Bromo-2-chloroethane, 1-Bromobenzene	107-04-0 108-86-1		6.3E+01
4.0E-02	X			V		Bromochloromethane	74-97-5		4.2E+01
3.7E-05	C			V		Bromodichloromethane	75-27-4	7.6E-02	
1.1E-06	I			V		Bromoform	75-25-2	2.6E+00	
		5.0E-03	I	V		Bromomethane	74-83-9		5.2E+00
				V		Bromophos	2104-96-3		
				V		Bromoxynil	1689-84-5		
3.0E-05	I	2.0E-03	I	V		Bromoxynil Octanoate	1689-99-2	9.4E-02	2.1E+00
				V		Butadiene, 1,3- Butanol, N-	106-99-0 71-36-3		
		3.0E+01	P	V		Butyl Benzyl Phthalate	85-68-7		3.1E+04
				V		Butyl alcohol, sec- Butylate	78-92-2 2008-41-5		
5.7E-08	C			V		Butylated hydroxyanisole	25013-16-5	4.9E+01	
				V		Butylated hydroxytoluene	128-37-0		
				V		Butylbenzene, n-	104-51-8		
				V		Butylbenzene, sec-	135-98-8		
				V		Butylbenzene, tert- Cacodylic Acid	98-06-6 75-60-5		
1.8E-03	I	1.0E-05	A			Cadmium (Diet)	7440-43-9		
1.8E-03	I	1.0E-05	A			Cadmium (Water)	7440-43-9	1.6E-03	1.0E-02
1.5E-01	C	2.0E-04	C		M	Calcium Chromate	13765-19-0	6.8E-06	2.1E-01
		2.2E-03	C			Caprolactam	105-60-2		2.3E+00
4.3E-05	C					Captafol	2425-06-1	6.5E-02	
6.6E-07	C					Captan	133-06-2	4.3E+00	
						Carbaryl	63-25-2		
						Carbofuran	1563-66-2		
7.0E-01	I			V		Carbon Disulfide	75-15-0		7.3E+02
6.0E-06	I	1.0E-01	I	V		Carbon Tetrachloride	56-23-5	4.7E-01	1.0E+02
		1.0E-01	P	V		Carbonyl Sulfide	463-58-1		1.0E+02
						Carbosulfan	55285-14-8		
		9.0E-04	I			Carboxin	5234-68-4		
				V		Ceric oxide	1306-38-3		9.4E-01
						Chloral Hydrate	302-17-0		
						Chloramben	133-90-4		
1.0E-04	I	7.0E-04	I	V		Chloranil	118-75-2		
						Chlordane	12789-03-6	2.8E-02	7.3E-01
4.6E-03	C					Chlordecone (Kepone)	143-50-0	6.1E-04	
						Chlorfenvinphos	470-90-6		
						Chlorimuron, Ethyl-	90982-32-4		
1.5E-04	A		V			Chlorine	7782-50-5		1.5E-01
2.0E-04	I		V			Chlorine Dioxide	10049-04-4		2.1E-01
						Chlorite (Sodium Salt)	7758-19-2		
5.0E+01	I		V			Chloro-1,1-difluoroethane, 1-	75-68-3		5.2E+04
3.0E-04	I	2.0E-02	I	V		Chloro-1,3-butadiene, 2- Chloro-2-methylaniline HCl, 4-	126-99-8 3165-93-3	9.4E-03	2.1E+01
7.7E-05	C			V		Chloro-2-methylaniline, 4- Chloroacetaldehyde, 2- Chloroacetic Acid	95-69-2 107-20-0 79-11-8	3.6E-02	
		3.0E-05	I			Chloroacetophenone, 2- Chloroaniline, p- Chlorobenzene	532-27-4 106-47-8 108-90-7		3.1E-02
		5.0E-02	P	V					5.2E+01
3.1E-05	C					Chlorobenzilate	510-15-6	9.1E-02	
						Chlorobenzoic Acid, p- Chlorobenzotrifluoride, 4-	74-11-3 98-56-6		3.1E+02
						Chlorobutane, 1- Chlorodifluoromethane Chloroethanol, 2-	109-69-3 75-45-6 107-07-3		5.2E+04
2.3E-05	I	9.8E-02	A	V		Chloroform	67-66-3	1.2E-01	1.0E+02
		9.0E-02	I	V		Chloromethane	74-87-3		9.4E+01
6.9E-04	C			V		Chloromethyl Methyl Ether	107-30-2	4.1E-03	
		1.0E-05	X			Chloronitrobenzene, o-	88-73-3		1.0E-02

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Toxicity and Chemical-specific				Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1		
IUR (ug/m ³) ⁻¹	k e y	RfC, (mg/m ³) y	k e y	v o l u t i l e	muta- g e n	Analyte	CAS No.	Carcinogenic SL TR=1E-06 (ug/m ³)	Noncarcinogenic SL HI=1 (ug/m ³)
6.0E-04	P					Chloronitrobenzene, p- Chlorophenol, 2-	100-00-5 95-57-8		6.3E-01
4.0E-04	C					Chloropicrin	76-06-2		4.2E-01
8.9E-07	C					Chlorothalonil Chlorotoluene, o-	1897-45-6 95-49-8	3.2E+00	
6.9E-02	C					Chlorotoluene, p- Chlorozotocin Chlorpropham	106-43-4 54749-90-5 101-21-3	4.1E-05	
						Chlorpyrifos Chlorpyrifos Methyl Chlorsulfuron	2921-88-2 5598-13-0 64902-72-3		
						Chlorthal-dimethyl Chlorthiophos Chromium(III), Insoluble Salts	1861-32-1 60238-56-4 16065-83-1		
8.4E-02	S	1.0E-04	I		M	Chromium(VI) Chromium, Total Clofentazine	18540-29-9 7440-47-3 74115-24-5	1.2E-05	1.0E-01
9.0E-03	P	6.0E-06	P			Cobalt	7440-48-4	3.1E-04	6.3E-03
6.2E-04	I				M	Coke Oven Emissions Copper	8007-45-2 7440-50-8	1.6E-03	
6.0E-01	C					Cresol, m-	108-39-4		6.3E+02
6.0E-01	C					Cresol, o-	95-48-7		6.3E+02
6.0E-01	C					Cresol, p-	106-44-5		6.3E+02
6.0E-01	C					Cresol, p-chloro-m- Cresols Crotonaldehyde, trans-	59-50-7 1319-77-3 123-73-9		6.3E+02
4.0E-01	I				V	Cumene	98-82-8		4.2E+02
6.3E-05	C					Cupferron Cyanazine	135-20-6 21725-46-2	4.5E-02	
						Cyanides			
						~Calcium Cyanide	592-01-8		
						~Copper Cyanide	544-92-3		
8.0E-04	S				V	~Cyanide (CN ⁻)	57-12-5		8.3E-01
						~Cyanogen	460-19-5		
						~Cyanogen Bromide	506-68-3		
						~Cyanogen Chloride	506-77-4		
8.0E-04	I				V	~Hydrogen Cyanide	74-90-8		8.3E-01
						~Potassium Cyanide	151-50-8		
						~Potassium Silver Cyanide	506-61-6		
						~Silver Cyanide	506-64-9		
						~Sodium Cyanide	143-33-9		
						~Thiocyanates	NA		
					V	~Thiocyanic Acid	463-56-9		
						~Zinc Cyanide	557-21-1		
6.0E+00	I				V	Cyclohexane	110-82-7		6.3E+03
7.0E-01	P				V	Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro- Cyclohexanone	87-84-3 108-94-1		7.3E+02
1.0E+00	X				V	Cyclohexene	110-83-8		1.0E+03
						Cyclohexylamine Cyfluthrin	108-91-8 68359-37-5		
						Cyhalothrin Cypermethrin Cyromazine	68085-85-8 52315-07-8 66215-27-8		
6.9E-05	C					DDD	72-54-8	4.1E-02	
9.7E-05	C				V	DDE, p,p'-	72-55-9	2.9E-02	
9.7E-05	I					DDT	50-29-3	2.9E-02	
5.1E-06	C					Dalapon Daminozide Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209)	75-99-0 1596-84-5 1163-19-5	5.5E-01	
						Demeton Di(2-ethylhexyl)adipate Diallate	8065-48-3 103-23-1 2303-16-4		
6.0E-03	P	2.0E-04	I		M	Diazinon Dibenzothiophene Dibromo-3-chloropropane, 1,2-	333-41-5 132-65-0 96-12-8	1.7E-04	2.1E-01
						Dibromobenzene, 1,3- Dibromobenzene, 1,4- Dibromochloromethane	108-36-1 106-37-6 124-48-1		

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Toxicity and Chemical-specific					Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1	
IUR (ug/m ³) ⁻¹	k e y	RfC, (mg/m ³)	k e y	v o l u t i l e	muta- gen	Analyte	CAS No.	Carcinogenic SL TR=1E-06 (ug/m ³)	Noncarcinogenic SL HI=1 (ug/m ³)
6.0E-04	I	9.0E-03	I	V		Dibromoethane, 1,2-	106-93-4	4.7E-03	9.4E+00
		4.0E-03	X	V		Dibromomethane (Methylene Bromide)	74-95-3		
						Dibutyltin Compounds	NA		
4.2E-03	P			V		Dicamba	1918-00-9	6.7E-04	
4.2E-03	P			V		Dichloro-2-butene, 1,4-	764-41-0		
				V		Dichloro-2-butene, cis-1,4-	1476-11-5	6.7E-04	
4.2E-03	P			V		Dichloro-2-butene, trans-1,4-	110-57-6	6.7E-04	
				V		Dichloroacetic Acid	79-43-6		
2.0E-01	H		V			Dichlorobenzene, 1,2-	95-50-1		
1.1E-05	C	8.0E-01	I	V		Dichlorobenzene, 1,4-	106-46-7	2.6E-01	8.3E+02
3.4E-04	C					Dichlorobenzidine, 3,3'-	91-94-1		
						Dichlorobenzophenone, 4,4'-	90-98-2		
		1.0E-01	X	V		Dichlorodifluoromethane	75-71-8	1.8E+00	1.0E+02
1.6E-06	C			V		Dichloroethane, 1,1-	75-34-3		
2.6E-05	I	7.0E-03	P	V		Dichloroethane, 1,2-	107-06-2		
		2.0E-01	I	V		Dichloroethylene, 1,1-	75-35-4		2.1E+02
				V		Dichloroethylene, 1,2-cis-	156-59-2		
				V		Dichloroethylene, 1,2-trans-	156-60-5		
						Dichlorophenol, 2,4-	120-83-2		
						Dichlorophenoxy Acetic Acid, 2,4-	94-75-7		
						Dichlorophenoxybutyric Acid, 4-(2,4-	94-82-6		
1.0E-05	C	4.0E-03	I	V		Dichloropropane, 1,2-	78-87-5	2.8E-01	4.2E+00
				V		Dichloropropane, 1,3-	142-28-9		
						Dichloropropanol, 2,3-	616-23-9		
4.0E-06	I	2.0E-02	I	V		Dichloropropene, 1,3-	542-75-6	7.0E-01	2.1E+01
8.3E-05	C	5.0E-04	I			Dichlorvos	62-73-7		
						Dicrotophos	141-66-2		
		3.0E-04	X	V		Dicyclopentadiene	77-73-6	6.1E-04	3.1E-01
4.6E-03	I					Dieldrin	60-57-1		
3.0E-04	C	5.0E-03	I			Diesel Engine Exhaust	NA		
		2.0E-04	P			Diethanolamine	111-42-2		2.1E-01
		1.0E-04	P			Diethylene Glycol Monobutyl Ether	112-34-5		
		3.0E-04	P			Diethylene Glycol Monoethyl Ether	111-90-0		
				V		Diethylformamide	617-84-5	2.8E-05	3.1E-01
1.0E-01	C					Diethylstilbestrol	56-53-1		
						Difenzoquat	43222-48-6		
						Diflubenzuron	35367-38-5	2.2E-01	4.2E+04
		4.0E+01	I	V		Difluoroethane, 1,1-	75-37-6		
1.3E-05	C			V		Dihydrosofrrole	94-58-6		
		7.0E-01	P	V		Diisopropyl Ether	108-20-3		7.3E+02
				V		Diisopropyl Methylphosphonate	1445-75-6		
						Dimethipin	55290-64-7		
						Dimethoate	60-51-5	2.2E-03	
						Dimethoxybenzidine, 3,3'-	119-90-4		
						Dimethyl methylphosphonate	756-79-6		
1.3E-03	C					Dimethylamino azobenzene [p-]	60-11-7	2.2E-03	
						Dimethylaniline HCl, 2,4-	21436-96-4		
						Dimethylaniline, 2,4-	95-68-1		
				V		Dimethylaniline, N,N-	121-69-7		3.1E+01
				V		Dimethylbenzidine, 3,3'-	119-93-7		
3.0E-02	I		V			Dimethylformamide	68-12-2		
		2.0E-06	X	V		Dimethylhydrazine, 1,1-	57-14-7	1.8E-05	2.1E-03
1.6E-01	C			V		Dimethylhydrazine, 1,2-	540-73-8		
						Dimethylphenol, 2,4-	105-67-9		
						Dimethylphenol, 2,6-	576-26-1	2.2E-01	
1.3E-05	C			V		Dimethylphenol, 3,4-	95-65-8		
						Dimethylvinylchloride	513-37-1		
						Dinitro-o-cresol, 4,6-	534-52-1		
						Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5		
						Dinitrobenzene, 1,2-	528-29-0		
						Dinitrobenzene, 1,3-	99-65-0		
						Dinitrobenzene, 1,4-	100-25-4		
						Dinitrophenol, 2,4-	51-28-5		
8.9E-05	C					Dinitrotoluene Mixture, 2,4/2,6-	NA	3.2E-02	
						Dinitrotoluene, 2,4-	121-14-2		
						Dinitrotoluene, 2,6-	606-20-2		
						Dinitrotoluene, 2-Amino-4,6-	35572-78-2		
						Dinitrotoluene, 4-Amino-2,6-	19406-51-0		

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Toxicity and Chemical-specific						Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
IUR (ug/m ³) ⁻¹	k e y	RfC, (mg/m ³)	k e y	v o l a t i l e	muta- g e n	Analyte	CAS No.	Carcinogenic SL TR=1E-06 (ug/m ³)	Noncarcinogenic SL HI=1 (ug/m ³)
						Dinitrotoluene, Technical grade	25321-14-6		
5.0E-06	I	3.0E-02		I	V	Dinoseb	88-85-7		
						Dioxane, 1,4- Dioxins	123-91-1	5.6E-01	3.1E+01
1.3E+00	I					~Hexachlorodibenzo-p-dioxin, Mixture	NA	2.2E-06	
3.8E+01	C	4.0E-08	C	V		~TCDD, 2,3,7,8- Diphenamid	1746-01-6 957-51-7	7.4E-08	4.2E-05
2.2E-04	I					Diphenyl Sulfone	127-63-9		
						Diphenylamine	122-39-4		
						Diphenylhydrazine, 1,2-	122-66-7	1.3E-02	
1.4E-01	C					Diquat	85-00-7		
1.4E-01	C					Direct Black 38	1937-37-7	2.0E-05	
						Direct Blue 6	2602-46-2	2.0E-05	
1.4E-01	C					Direct Brown 95	16071-86-6	2.0E-05	
					V	Disulfoton	298-04-4		
						Dithiane, 1,4-	505-29-3		
					V	Diuron	330-54-1		
						Dodine	2439-10-3		
					V	EPTC	759-94-4		
					V	Endosulfan	115-29-7		
						Endothall	145-73-3		
						Endrin	72-20-8		
1.2E-06	I	1.0E-03	I	V		Epichlorohydrin	106-89-8	2.3E+00	1.0E+00
		2.0E-02	I	V		Epoxybutane, 1,2- Ethanol, 2-(2-methoxyethoxy)-	106-88-7 111-77-3		2.1E+01
						Ethephon	16672-87-0		
		6.0E-02	P	V		Ethion	563-12-2		6.3E+01
						Ethoxyethanol Acetate, 2-	111-15-9		
		2.0E-01	I	V		Ethoxyethanol, 2-	110-80-5		2.1E+02
		7.0E-02	P	V		Ethyl Acetate	141-78-6		7.3E+01
		8.0E-03	P	V		Ethyl Acrylate	140-88-5		8.3E+00
		1.0E+01	I	V		Ethyl Chloride (Chloroethane)	75-00-3		1.0E+04
					V	Ethyl Ether	60-29-7		
		3.0E-01	P	V		Ethyl Methacrylate	97-63-2		3.1E+02
2.5E-06	C	1.0E+00	I	V		Ethyl-p-nitrophenyl Phosphonate	2104-64-5		
						Ethylbenzene	100-41-4	1.1E+00	1.0E+03
						Ethylene Cyanohydrin	109-78-4		
					V	Ethylene Diamine	107-15-3		
		4.0E-01	C			Ethylene Glycol	107-21-1		4.2E+02
		1.6E+00	I			Ethylene Glycol Monobutyl Ether	111-76-2		1.7E+03
8.8E-05	C	3.0E-02	C	V		Ethylene Oxide	75-21-8	3.2E-02	3.1E+01
1.3E-05	C					Ethylene Thiourea	96-45-7	2.2E-01	
1.9E-02	C				V	Ethyleneimine	151-56-4	1.5E-04	
						Ethylphthalyl Ethyl Glycolate	84-72-0		
						Fenamiphos	22224-92-6		
						Fenpropathrin	39515-41-8		
						Fenvalerate	51630-58-1		
						Fluometuron	2164-17-2		
1.3E-02	C					Fluoride	16984-48-8		1.4E+01
1.3E-02	C					Fluorine (Soluble Fluoride)	7782-41-4		1.4E+01
						Fluridone	59756-60-4		
						Flurprimidol	56425-91-3		
						Flusilazole	85509-19-9		
						Flutolanil	66332-96-5		
						Fluvalinate	69409-94-5		
						Folpet	133-07-3		
						Fomesafen	72178-02-0		
						Fonofos	944-22-9		
1.3E-05	I	9.8E-03	A	V		Formaldehyde	50-00-0	2.2E-01	1.0E+01
		3.0E-04	X	V		Formic Acid	64-18-6		3.1E-01
						Fosetyl-AL	39148-24-8		
					V	Furans			
					V	~Dibenzofuran	132-64-9		
						~Furan	110-00-9		
2.0E+00	I	V				~Tetrahydrofuran	109-99-9		2.1E+03
						Furazolidone	67-45-8		
5.0E-02	H	V				Furfural	98-01-1		5.2E+01
4.3E-04	C					Furium	531-82-8	6.5E-03	

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Toxicity and Chemical-specific						Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
IUR (ug/m ³) ⁻¹	k e y	RfC, (mg/m ³)	v o l a t i l e	m u t a g e n	Analyte	CAS No.	Carcinogenic SL TR=1E-06 (ug/m ³)	Noncarcinogenic SL HI=1 (ug/m ³)	
8.6E-06	C				Furmecyclox	60568-05-0	3.3E-01		
					Glufosinate, Ammonium	77182-82-2			
8.0E-05	C				Glutaraldehyde	111-30-8		8.3E-02	
1.0E-03	H V				Glycidyl	765-34-4		1.0E+00	
					Glyphosate	1071-83-6			
				V	Guanidine	113-00-8			
					Guanidine Chloride	50-01-1			
					Haloxypop, Methyl	69806-40-2			
1.3E-03	I		V		Heptachlor	76-44-8	2.2E-03		
2.6E-03	I		V		Heptachlor Epoxide	1024-57-3	1.1E-03		
			V		Hexabromobenzene	87-82-1			
4.6E-04	I		V		Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153)	68631-49-2			
2.2E-05	I		V		Hexachlorobenzene	118-74-1	6.1E-03		
			V		Hexachlorobutadiene	87-68-3	1.3E-01		
1.8E-03	I				Hexachlorocyclohexane, Alpha-	319-84-6	1.6E-03		
5.3E-04	I				Hexachlorocyclohexane, Beta-	319-85-7	5.3E-03		
3.1E-04	C				Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	9.1E-03		
5.1E-04	I				Hexachlorocyclohexane, Technical	608-73-1	5.5E-03		
2.0E-04	I V				Hexachlorocyclopentadiene	77-47-4		2.1E-01	
1.1E-05	C	3.0E-02	I V		Hexachloroethane	67-72-1	2.6E-01	3.1E+01	
					Hexachlorophene	70-30-4			
					Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4			
1.0E-05	I V				Hexamethylene Diisocyanate, 1,6-	822-06-0		1.0E-02	
					Hexamethylphosphoramide	680-31-9			
7.0E-01	I V				Hexane, N-	110-54-3		7.3E+02	
					Hexanedioic Acid	124-04-9			
3.0E-02	I V				Hexanone, 2-	591-78-6		3.1E+01	
					Hexazinone	51235-04-2			
					Hexythiazox	78587-05-0			
4.9E-03	I	3.0E-05	P V		Hydramethylnon	67485-29-4	5.7E-04	3.1E-02	
4.9E-03	I				Hydrazine	302-01-2	5.7E-04		
					Hydrazine Sulfate	10034-93-2			
2.0E-02	I V				Hydrogen Chloride	7647-01-0		2.1E+01	
1.4E-02	C V				Hydrogen Fluoride	7664-39-3		1.5E+01	
2.0E-03	I V				Hydrogen Sulfide	7783-06-4		2.1E+00	
					Hydroquinone	123-31-9			
					Imazalil	35554-44-0			
					Imazaquin	81335-37-7			
					Imazethapyr	81335-77-5			
					Iodine	7553-56-2			
					Iprodione	36734-19-7			
					Iron	7439-89-6			
2.0E+00	C			V	Isobutyl Alcohol	78-83-1		2.1E+03	
				V	Isophorone	78-59-1			
2.0E-01	P V				Isopropalin	33820-53-0		2.1E+02	
					Isopropanol	67-63-0			
					Isopropyl Methyl Phosphonic Acid	1832-54-8			
3.0E-01	A V				Isoxaben	82558-50-7		3.1E+02	
					JP-7	NA			
					Lactofen	77501-63-4			
1.5E-01	C	2.0E-04	C	M	Lead Compounds				
1.2E-05	C				~Lead Chromate	7758-97-6	6.8E-06	2.1E-01	
					~Lead Phosphate	7446-27-7	2.3E-01		
8.0E-05	C				~Lead acetate	301-04-2	3.5E-02	1.5E-01	
					~Lead and Compounds	7439-92-1			
1.2E-05	C				~Lead subacetate	1335-32-6	2.3E-01		
				V	~Tetraethyl Lead	78-00-2			
				V	Lewisite	541-25-3			
					Linuron	330-55-2			
					Lithium	7439-93-2			
					MCPA	94-74-6			
					MCPB	94-81-5			
7.0E-04	C				MCPP	93-65-2			
					Malathion	121-75-5			
					Maleic Anhydride	108-31-6		7.3E-01	
					Maleic Hydrazide	123-33-1			
					Malononitrile	109-77-3			
					Mancozeb	8018-01-7			

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Toxicity and Chemical-specific						Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
IUR (ug/m ³) ⁻¹	k e y	RfC, (mg/m ³)	k e y	v o l a t i l e	muta- gen	Analyte	CAS No.	Carcinogenic SL TR=1E-06 (ug/m ³)	Noncarcinogenic SL HI=1 (ug/m ³)
5.0E-05	I					Maneb	12427-38-2		
5.0E-05	I					Manganese (Diet)	7439-96-5		
						Manganese (Non-diet)	7439-96-5		5.2E-02
						Mephosfolan	950-10-7		
						Mepiquat Chloride	24307-26-4		
						Mercury Compounds			
3.0E-04	S					Mercuric Chloride (and other Mercury salts)	7487-94-7		3.1E-01
3.0E-04	I				V	Mercury (elemental)	7439-97-6		3.1E-01
						Methyl Mercury	22967-92-6		
					V	Phenylmercuric Acetate	62-38-4		
						Merphos	150-50-5		
						Merphos Oxide	78-48-8		
3.0E-02	P				V	Metalaxyl	57837-19-1		
						Methacrylonitrile	126-98-7		3.1E+01
						Methamidophos	10265-92-6		
2.0E+01	I				V	Methanol	67-56-1		2.1E+04
						Methidathion	950-37-8		
						Methomyl	16752-77-5		
1.4E-05	C					Methoxy-5-nitroaniline, 2-	99-59-2	2.0E-01	
						Methoxychlor	72-43-5		
1.0E-03	P				V	Methoxyethanol Acetate, 2-	110-49-6		1.0E+00
2.0E-02	I				V	Methoxyethanol, 2-	109-86-4		2.1E+01
2.0E-02	P				V	Methyl Acetate	79-20-9		
						Methyl Acrylate	96-33-3		2.1E+01
5.0E+00	I				V	Methyl Ethyl Ketone (2-Butanone)	78-93-3		5.2E+03
1.0E-03	X				V	Methyl Hydrazine	60-34-4	2.8E-03	2.1E-02
3.0E+00	I				V	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1		3.1E+03
1.0E-03	C				V	Methyl Isocyanate	624-83-9		1.0E+00
7.0E-01	I				V	Methyl Methacrylate	80-62-6		7.3E+02
						Methyl Parathion	298-00-0		
4.0E-02	H				V	Methyl Phosphonic Acid	993-13-5		
2.8E-05	C					Methyl Styrene (Mixed Isomers)	25013-15-4		4.2E+01
						Methyl methanesulfonate	66-27-3	1.0E-01	
2.6E-07	C	3.0E+00			V	Methyl tert-Butyl Ether (MTBE)	1634-04-4	1.1E+01	3.1E+03
						Methyl-1,4-benzenediamine dihydrochloride, 2-	615-45-2		
						Methyl-5-Nitroaniline, 2-	99-55-8		
2.4E-03	C					Methyl-N-nitro-N-nitrosoguanidine, N-	70-25-7	1.2E-03	
3.7E-05	C					Methylaniline Hydrochloride, 2-	636-21-5	7.6E-02	
						Methylarsonic acid	124-58-3		
6.3E-03	C				M	Methylbenzene, 1,4-diamine monohydrochloride, 2-	74612-12-7		
						Methylbenzene-1,4-diamine sulfate, 2-	615-50-9		
						Methylcholanthrene, 3-	56-49-5	1.6E-04	
1.0E-08	I	6.0E-01			M	Methylene Chloride	75-09-2	1.0E+02	6.3E+02
4.3E-04	C				M	Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	2.4E-03	
1.3E-05	C					Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	2.2E-01	
4.6E-04	C	2.0E-02			C	Methylenebisbenzenamine, 4,4'-	101-77-9	6.1E-03	2.1E+01
		6.0E-04			I	Methylenediphenyl Diisocyanate	101-68-8		6.3E-01
					V	Methylstyrene, Alpha-	98-83-9		
						Metolachlor	51218-45-2		
						Metribuzin	21087-64-9		
						Metsulfuron-methyl	74223-64-6		
5.1E-03	C				V	Mineral oils	8012-95-1	5.5E-04	
					V	Mirex	2385-85-5		
						Molinate	2212-67-1		
						Molybdenum	7439-98-7		
						Monochloramine	10599-90-3		
						Monomethylaniline	100-61-8		
						Myclobutanil	88671-89-0		
					V	N,N'-Diphenyl-1,4-benzenediamine	74-31-7		
						Naled	300-76-5		
1.0E-01	P				V	Naphtha, High Flash Aromatic (HFAN)	64742-95-6		1.0E+02
0.0E+00	C					Naphthylamine, 2-	91-59-8		
						Napropamide	15299-99-7		
2.6E-04	C	1.4E-05			C	Nickel Acetate	373-02-4	1.1E-02	1.5E-02
2.6E-04	C	1.4E-05			C	Nickel Carbonate	3333-67-3	1.1E-02	1.5E-02
2.6E-04	C	1.4E-05			C	Nickel Carbonyl	13463-39-3	1.1E-02	1.5E-02
2.6E-04	C	1.4E-05			C	Nickel Hydroxide	12054-48-7	1.1E-02	1.5E-02
2.6E-04	C	2.0E-05			C	Nickel Oxide	1313-99-1	1.1E-02	2.1E-02

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Toxicity and Chemical-specific					Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1	
IUR (ug/m ³) ⁻¹	k e y	RfC, (mg/m ³)	k e y	v o l u t i l i t y	muta- g e n	Analyte	CAS No.	Carcinogenic SL TR=1E-06 (ug/m ³)	Noncarcinogenic SL HI=1 (ug/m ³)
2.4E-04	I	1.4E-05	C			Nickel Refinery Dust	NA	1.2E-02	1.5E-02
2.6E-04	C	9.0E-05	A			Nickel Soluble Salts	7440-02-0	1.1E-02	9.4E-02
4.8E-04	I	1.4E-05	C			Nickel Sub sulfide	12035-72-2	5.8E-03	1.5E-02
2.6E-04	C	1.4E-05	C			Nickelocene	1271-28-9	1.1E-02	1.5E-02
						Nitrate	14797-55-8		
						Nitrate + Nitrite (as N)	NA		
						Nitrite	14797-65-0		
		5.0E-05	X			Nitroaniline, 2-	88-74-4		5.2E-02
		6.0E-03	P			Nitroaniline, 4-	100-01-6		6.3E+00
4.0E-05	I	9.0E-03	I	V		Nitrobenzene	98-95-3	7.0E-02	9.4E+00
						Nitrocellulose	9004-70-0		
						Nitrofurantoin	67-20-9		
3.7E-04	C					Nitrofurazone	59-87-0	7.6E-03	
						Nitroglycerin	55-63-0		
						Nitroguanidine	556-88-7		
8.8E-06	P	5.0E-03	P	V		Nitromethane	75-52-5	3.2E-01	5.2E+00
2.7E-03	H	2.0E-02	I	V		Nitropropane, 2-	79-46-9	1.0E-03	2.1E+01
7.7E-03	C				M	Nitroso-N-ethylurea, N-	759-73-9	1.3E-04	
3.4E-02	C				M	Nitroso-N-methylurea, N-	684-93-5	3.0E-05	
1.6E-03	I			V		Nitroso-di-N-butylamine, N-	924-16-3	1.8E-03	
2.0E-03	C					Nitroso-di-N-propylamine, N-	621-64-7	1.4E-03	
8.0E-04	C					Nitrosodiethanolamine, N-	1116-54-7	3.5E-03	
4.3E-02	I				M	Nitrosodiethylamine, N-	55-18-5	2.4E-05	
1.4E-02	I	4.0E-05	X	V	M	Nitrosodimethylamine, N-	62-75-9	7.2E-05	4.2E-02
2.6E-06	C					Nitrosodiphenylamine, N-	86-30-6	1.1E+00	
6.3E-03	C			V		Nitrosomethylethylamine, N-	10595-95-6	4.5E-04	
1.9E-03	C					Nitrosomorpholine [N-]	59-89-2	1.5E-03	
2.7E-03	C					Nitrosopiperidine [N-]	100-75-4	1.0E-03	
6.1E-04	I					Nitrosopyrrolidine, N-	930-55-2	4.6E-03	
				V		Nitrotoluene, m-	99-08-1		
						Nitrotoluene, o-	88-72-2		
						Nitrotoluene, p-	99-99-0		
2.0E-02	P			V		Nonane, n-	111-84-2		2.1E+01
						Norflurazon	27314-13-2		
						Octabromodiphenyl Ether	32536-52-0		
						Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	2691-41-0		
						Octamethylpyrophosphoramidate	152-16-9		
						Oryzalin	19044-88-3		
						Oxadiazon	19666-30-9		
						Oxamyl	23135-22-0		
						Oxyfluorfen	42874-03-3		
						Paclitaxel	76738-62-0		
						Paraquat Dichloride	1910-42-5		
				V		Parathion	56-38-2		
						Pebulate	1114-71-2		
						Pendimethalin	40487-42-1		
				V		Pentabromodiphenyl Ether	32534-81-9		
						Pentabromodiphenyl ether, 2,2',4,4',5'- (BDE-99)	60348-60-9		
				V		Pentachlorobenzene	608-93-5		
				V		Pentachloroethane	76-01-7		
				V		Pentachloronitrobenzene	82-68-8		
5.1E-06	C					Pentachlorophenol	87-86-5	5.5E-01	
						Pentaerythritol tetranitrate (PETN)	78-11-5		
1.0E+00	P			V		Pentane, n-	109-66-0		1.0E+03
						Perchlorates			
						~Ammonium Perchlorate	7790-98-9		
						~Lithium Perchlorate	7791-03-9		
						~Perchlorate and Perchlorate Salts	14797-73-0		
						~Potassium Perchlorate	7778-74-7		
				V		~Sodium Perchlorate	7601-89-0		
						Perfluorobutane Sulfonate	375-73-5		
6.3E-07	C					Permethrin	52645-53-1	4.5E+00	
						Phenacetin	62-44-2		
						Phenmedipham	13684-63-4		
		2.0E-01	C			Phenol	108-95-2		2.1E+02
						Phenothiazine	92-84-2		
						Phenylenediamine, m-	108-45-2		
						Phenylenediamine, o-	95-54-5		

TR=1E-06
THQ=1.0

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Toxicity and Chemical-specific						Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
IUR (ug/m ³) ⁻¹	k e y	RfC, (mg/m ³)	k e y	v o l u t i l e	muta- g e n	Analyte	CAS No.	Carcinogenic SL TR=1E-06 (ug/m ³)	Noncarcinogenic SL HI=1 (ug/m ³)
						Phenylenediamine, p- Phenylphenol, 2-	106-50-3 90-43-7		
3.0E-04	I			V		Phorate Phosgene Phosmet	298-02-2 75-44-5 732-11-6		3.1E-01
						Phosphates, Inorganic			
						~Aluminum metaphosphate ~Ammonium polyphosphate	13776-88-0 68333-79-9		
						~Calcium pyrophosphate ~Diammonium phosphate ~Dicalcium phosphate	7790-76-3 7783-28-0 7757-93-9		
						~Dimagnesium phosphate ~Dipotassium phosphate ~Disodium phosphate	7782-75-4 7758-11-4 7558-79-4		
						~Monoaluminum phosphate ~Monoammonium phosphate ~Monocalcium phosphate	13530-50-2 7722-76-1 7758-23-8		
						~Monomagnesium phosphate ~Monopotassium phosphate ~Monosodium phosphate	7757-86-0 7778-77-0 7558-80-7		
						~Polyphosphoric acid ~Potassium triphosphate ~Sodium acid pyrophosphate	8017-16-1 13845-36-8 7758-16-9		
						~Sodium aluminum phosphate (acidic) ~Sodium aluminum phosphate (anhydrous) ~Sodium aluminum phosphate (tetrahydrate)	7785-88-8 10279-59-1 10305-76-7		
						~Sodium hexametaphosphate ~Sodium polyphosphate ~Sodium trimetaphosphate	10124-56-8 68915-31-1 7785-84-4		
						~Sodium triphosphate ~Tetrapotassium phosphate ~Tetrasodium pyrophosphate	7758-29-4 7320-34-5 7722-88-5		
						~Trialuminum sodium tetra decahydrogenooctaoctaphosphate (dihydrate) ~Tricalcium phosphate ~Trimagnesium phosphate	15136-87-5 7758-87-4 7757-87-1		
3.0E-04	I			V		~Tripotassium phosphate ~Trisodium phosphate Phosphine	7778-53-2 7601-54-9 7803-51-2		3.1E-01
1.0E-02	I			V		Phosphoric Acid Phosphorus, White Phthalates	7664-38-2 7723-14-0		1.0E+01
2.4E-06	C					~Bis(2-ethylhexyl)phthalate ~Butylphthalyl Butylglycolate ~Dibutyl Phthalate	117-81-7 85-70-1 84-74-2	1.2E+00	
				V		~Diethyl Phthalate ~Dimethylterephthalate ~Octyl Phthalate, di-N-	84-66-2 120-61-6 117-84-0		
2.0E-02	C					~Phthalic Acid, P- ~Phthalic Anhydride Picloram	100-21-0 85-44-9 1918-02-1		2.1E+01
8.6E-03	C					Picramic Acid (2-Amino-4,6-dinitrophenol) Picric Acid (2,4,6-Trinitrophenol) Pirimiphos, Methyl	96-91-3 88-89-1 29232-93-7		
2.0E-05	S			V		Polybrominated Biphenyls Polychlorinated Biphenyls (PCBs)	59536-65-1	3.3E-04	
						~Aroclor 1016	12674-11-2	1.4E-01	
5.7E-04	S			V		~Aroclor 1221	11104-28-2	4.9E-03	
5.7E-04	S			V		~Aroclor 1232	11141-16-5	4.9E-03	
5.7E-04	S			V		~Aroclor 1242	53469-21-9	4.9E-03	
5.7E-04	S			V		~Aroclor 1248	12672-29-6	4.9E-03	
5.7E-04	S			V		~Aroclor 1254	11097-69-1	4.9E-03	
5.7E-04	S			V		~Aroclor 1260	11096-82-5	4.9E-03	
1.1E-03	E	1.3E-03	E	V		~Aroclor 5460	11126-42-4		
1.1E-03	E	1.3E-03	E	V		~Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	2.5E-03	1.4E+00
1.1E-03	E	1.3E-03	E	V		~Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	52663-72-6	2.5E-03	1.4E+00
1.1E-03	E	1.3E-03	E	V		~Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	69782-90-7	2.5E-03	1.4E+00
1.1E-03	E	1.3E-03	E	V		~Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 156)	38380-08-4	2.5E-03	1.4E+00
1.1E+00	E	1.3E-06	E	V		~Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	32774-16-6	2.5E-06	1.4E-03

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Toxicity and Chemical-specific					Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1	
IUR (ug/m ³) ⁻¹	k e y	RfC, (mg/m ³)	k e y	v o l u t i l e	muta- gen	Analyte	CAS No.	Carcinogenic SL TR=1E-06 (ug/m ³)	Noncarcinogenic SL HI=1 (ug/m ³)
1.1E-03	E	1.3E-03	E	V		~Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)	65510-44-3	2.5E-03	1.4E+00
1.1E-03	E	1.3E-03	E	V		~Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	31508-00-6	2.5E-03	1.4E+00
1.1E-03	E	1.3E-03	E	V		~Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	2.5E-03	1.4E+00
1.1E-03	E	1.3E-03	E	V		~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	74472-37-0	2.5E-03	1.4E+00
3.8E+00	E	4.0E-07	E	V		~Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	57465-28-8	7.4E-07	4.2E-04
5.7E-04	I			V		~Polychlorinated Biphenyls (high risk)	1336-36-3	4.9E-03	
1.0E-04	I			V		~Polychlorinated Biphenyls (low risk)	1336-36-3	2.8E-02	
2.0E-05	I			V		~Polychlorinated Biphenyls (lowest risk)	1336-36-3	1.4E-01	
3.8E-03	E	4.0E-04	E			~Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	7.4E-04	4.2E-01
1.1E-02	E	1.3E-04	E	V		~Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)	70362-50-4	2.5E-04	1.4E-01
		6.0E-04	I			Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9		6.3E-01
						Polynuclear Aromatic Hydrocarbons (PAHs)			
					V	~Acenaphthene	83-32-9		
					V	~Anthracene	120-12-7		
1.1E-04	C			V	M	~Benz[a]anthracene	56-55-3	9.2E-03	
1.1E-04	C					~Benzo(j)fluoranthene	205-82-3	2.6E-02	
1.1E-03	C				M	~Benzo[a]pyrene	50-32-8	9.2E-04	
1.1E-04	C				M	~Benzo[b]fluoranthene	205-99-2	9.2E-03	
1.1E-04	C				M	~Benzo[k]fluoranthene	207-08-9	9.2E-03	
				V		~Chloronaphthalene, Beta-	91-58-7		
1.1E-05	C				M	~Chrysene	218-01-9	9.2E-02	
1.2E-03	C				M	~Dibenz[a,h]anthracene	53-70-3	8.4E-04	
1.1E-03	C					~Dibenzo(a,e)pyrene	192-65-4	2.6E-03	
7.1E-02	C				M	~Dimethylbenz(a)anthracene, 7,12-	57-97-6	1.4E-05	
					V	~Fluoranthene	206-44-0		
					V	~Fluorene	86-73-7		
1.1E-04	C				M	~Indeno[1,2,3-cd]pyrene	193-39-5	9.2E-03	
					V	~Methylnaphthalene, 1-	90-12-0		
					V	~Methylnaphthalene, 2-	91-57-6		
3.4E-05	C	3.0E-03	I	V		~Naphthalene	91-20-3	8.3E-02	3.1E+00
1.1E-04	C				V	~Nitropyrene, 4-	57835-92-4	2.6E-02	
					V	~Pyrene	129-00-0		
						Potassium Perfluorobutane Sulfonate	29420-49-3		
					V	Prochloraz	67747-09-5		
					V	Profluralin	26399-36-0		
					V	Prometon	1610-18-0		
					V	Prometryn	7287-19-6		
					V	Propachlor	1918-16-7		
					V	Propanediol, 1,2-	114-26-1		
					V	Propanil	709-98-8		
					V	Propargite	2312-35-8		
					V	Propargyl Alcohol	107-19-7		
					V	Propazine	139-40-2		
					V	Propham	122-42-9		
					V	Propiconazole	60207-90-1		
8.0E-03	I	V				Propionaldehyde	123-38-6		8.3E+00
1.0E+00	X	V				Propyl benzene	103-65-1		1.0E+03
3.0E+00	C	V				Propylene	115-07-1		3.1E+03
						Propylene Glycol	57-55-6		
2.7E-04	A					Propylene Glycol Dinitrate	6423-43-4		2.8E-01
2.0E+00	I	V				Propylene Glycol Monomethyl Ether	107-98-2		2.1E+03
3.7E-06	I	3.0E-02	I	V		Propylene Oxide	75-56-9	7.6E-01	3.1E+01
					V	Propyzamide	23950-58-5		
					V	Pyridine	110-86-1		
					V	Quinalphos	13593-03-8		
					V	Quinoline	91-22-5		
					V	Quizalofop-ethyl	76578-14-8		
3.0E-02	A					Refractory Ceramic Fibers	NA		3.1E+01
					V	Resmethrin	10453-86-8		
					V	Ronnel	299-84-3		
6.3E-05	C				M	Rotenone	83-79-4	1.6E-02	
					V	Safrole	94-59-7		
					V	Selenious Acid	7783-00-8		
2.0E-02	C					Selenium	7782-49-2		2.1E+01
2.0E-02	C					Selenium Sulfide	7446-34-6		2.1E+01
						Sethoxydim	74051-80-2		
3.0E-03	C					Silica (crystalline, respirable)	7631-86-9		3.1E+00
						Silver	7440-22-4		

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Toxicity and Chemical-specific					Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1			
IUR (ug/m ³) ⁻¹	k e y	RfC, (mg/m ³)	k e y	v o l u t i l e	muta- g e n	Analyte	CAS No.	Carcinogenic SL TR=1E-06 (ug/m ³)	Noncarcinogenic SL HI=1 (ug/m ³)		
						Simazine	122-34-9				
1.5E-01	C	2.0E-04	C		M	Sodium Acifluorfen Sodium Azide Sodium Dichromate	62476-59-9 26628-22-8 10588-01-9	6.8E-06	2.1E-01		
		1.3E-02	C			Sodium Diethyldithiocarbamate Sodium Fluoride Sodium Fluoroacetate	148-18-5 7681-49-4 62-74-8		1.4E+01		
						Sodium Metavanadate Sodium Tungstate Sodium Tungstate Dihydrate	13718-26-8 13472-45-2 10213-10-2				
1.5E-01	C	2.0E-04	C		M	Stirofos (Tetrachlorovinphos) Strontium Chromate Strontium, Stable	961-11-5 7789-06-2 7440-24-6	6.8E-06	2.1E-01		
		1.0E+00	I	V		Strychnine Styrene Styrene-Acrylonitrile (SAN) Trimer	57-24-9 100-42-5 NA		1.0E+03		
		2.0E-03	X			Sulfolane Sulfonylbis(4-chlorobenzene), 1,1'- Sulfur Trioxide	126-33-0 80-07-9 7446-11-9		2.1E+00 1.0E+00		
7.1E-06	I	1.0E-03	C			Sulfuric Acid Sulfurous acid, 2-chloroethyl 2-[4-(1,1-dimethylethyl)phenoxy]-1-methylethyl ester TCMTB	7664-93-9 140-57-8 21564-17-0	4.0E-01	1.0E+00		
						Tebuthiuron Temephos Terbacil	34014-18-1 3383-96-8 5902-51-2				
					V	Terbufos Terbutryn Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	13071-79-9 886-50-0 5436-43-1				
7.4E-06	I				V	Tetrachlorobenzene, 1,2,4,5-	95-94-3	3.8E-01			
5.8E-05	C				V	Tetrachloroethane, 1,1,1,2, Tetrachloroethane, 1,1,2,2,	630-20-6 79-34-5	4.8E-02			
2.6E-07	I	4.0E-02	I	V		Tetrachloroethylene Tetrachlorophenol, 2,3,4,6- Tetrachlorotoluene, p- alpha, alpha, alpha-	127-18-4 58-90-2 5216-25-1	1.1E+01	4.2E+01		
					8.0E+01	I	V	Tetraethyl Dithiopyrophosphate Tetrafluoroethane, 1,1,1,2, Tetryl (Trinitrophenylmethyl)nitramine)	3689-24-5 811-97-2 479-45-8		8.3E+04
					V	Thallium (I) Nitrate Thallium (Soluble Salts) Thallium Acetate	10102-45-1 7440-28-0 563-68-8				
					V	Thallium Carbonate Thallium Chloride Thallium Sulfate	6533-73-9 7791-12-0 7446-18-6				
						Thifensulfuron-methyl Thiobencarb Thiodiglycol	79277-27-3 28249-77-6 111 48 8				
						Thiofanox Thiophanate, Methyl Thiram	39196-18-4 23564-05-8 137-26-8				
1.0E-04	A	V				Tin	7440-31-5		1.0E-01		
5.0E+00	I	V				Titanium Tetrachloride Toluene	7550-45-0 108-88-3		5.2E+03		
					V	Toluene-2,5-diamine Toluidine, p- Total Petroleum Hydrocarbons (Aliphatic High)	95-70-5 106-49-0 NA				
6.0E-01	P	V				Total Petroleum Hydrocarbons (Aliphatic Low)	NA		6.3E+02		
1.0E-01	P	V				Total Petroleum Hydrocarbons (Aliphatic Medium)	NA		1.0E+02		
						Total Petroleum Hydrocarbons (Aromatic High)	NA				
3.0E-02	P	V				Total Petroleum Hydrocarbons (Aromatic Low)	NA		3.1E+01		
3.0E-03	P	V				Total Petroleum Hydrocarbons (Aromatic Medium)	NA		3.1E+00		
3.2E-04	I					Toxaphene	8001-35-2	8.8E-03			
					V	Tralothrin Tri-n-butyltin Triacetin	66841-25-6 688-73-3 102-76-1				
					V	Triadimefon Triallate Triasulfuron	43121-43-3 2303-17-5 82097-50-5				
						Tribenuron-methyl	101200-48-0				

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Toxicity and Chemical-specific						Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
IUR (ug/m ³) ⁻¹	k e y	RfC, (mg/m ³)	k e y	v o l u t i l e	muta- g e n	Analyte	CAS No.	Carcinogenic SL TR=1E-06 (ug/m ³)	Noncarcinogenic SL HI=1 (ug/m ³)
				V		Tribromobenzene, 1,2,4-	615-54-3		
						Tributyl Phosphate	126-73-8		
						Tributyltin Compounds	NA		
3.0E+01	H			V		Tributyltin Oxide	56-35-9		
						Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1		3.1E+04
						Trichloroacetic Acid	76-03-9		
						Trichloroaniline HCl, 2,4,6-	33663-50-2		
						Trichloroaniline, 2,4,6-	634-93-5		
				V		Trichlorobenzene, 1,2,3-	87-61-6		
2.0E-03	P			V		Trichlorobenzene, 1,2,4-	120-82-1		2.1E+00
5.0E+00	I			V		Trichloroethane, 1,1,1-	71-55-6		5.2E+03
1.6E-05	I	2.0E-04	X	V		Trichloroethane, 1,1,2-	79-00-5	1.8E-01	2.1E-01
4.1E-06	I	2.0E-03	I	V	M	Trichloroethylene	79-01-6	4.8E-01	2.1E+00
				V		Trichlorofluoromethane	75-69-4		
3.1E-06	I					Trichlorophenol, 2,4,5-	95-95-4		
						Trichlorophenol, 2,4,6-	88-06-2	9.1E-01	
						Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5		
						Trichlorophenoxypropionic acid, -2,4,5	93-72-1		
				V		Trichloropropane, 1,1,2-	598-77-6		
3.0E-04	I			V	M	Trichloropropane, 1,2,3-	96-18-4		3.1E-01
3.0E-04	P			V		Trichloropropene, 1,2,3-	96-19-5		3.1E-01
						Tricresyl Phosphate (TCP)	1330-78-5		
						Tridiphane	58138-08-2		
7.0E-03	I			V		Triethylamine	121-44-8		7.3E+00
						Triethylene Glycol	112-27-6		
2.0E+01	P			V		Trifluoroethane, 1,1,1-	420-46-2		2.1E+04
				V		Trifluralin	1582-09-8		
						Trimethyl Phosphate	512-56-1		
5.0E-03	P			V		Trimethylbenzene, 1,2,3-	526-73-8		5.2E+00
						Trimethylbenzene, 1,2,4-	95-63-6		
						Trimethylbenzene, 1,3,5-	108-67-8		7.3E+00
						Trimethylpentene, 2,4,4-	25167-70-8		
						Trinitrobenzene, 1,3,5-	99-35-4		
						Trinitrotoluene, 2,4,6-	118-96-7		
						Triphenylphosphine Oxide	791-28-6		
6.6E-04	C			V		Tris(1,3-Dichloro-2-propyl) Phosphate	13674-87-8		
						Tris(1-chloro-2-propyl)phosphate	13674-84-5		
						Tris(2,3-dibromopropyl)phosphate	126-72-7	4.3E-03	
						Tris(2-chloroethyl)phosphate	115-96-8		
						Tris(2-ethylhexyl)phosphate	78-42-2		
						Tungsten	7440-33-7		
4.0E-05	A					Uranium (Soluble Salts)	NA		4.2E-02
2.9E-04	C				M	Urethane	51-79-6	3.5E-03	
8.3E-03	P	7.0E-06	P			Vanadium Pentoxide	1314-62-1	3.4E-04	7.3E-03
1.0E-04	A					Vanadium and Compounds	7440-62-2		1.0E-01
				V		Vernolate	1929-77-7		
						Vinclozolin	50471-44-8		
2.0E-01	I			V		Vinyl Acetate	108-05-4		2.1E+02
3.2E-05	H	3.0E-03	I	V		Vinyl Bromide	593-60-2	8.8E-02	3.1E+00
4.4E-06	I	1.0E-01	I	V	M	Vinyl Chloride	75-01-4	1.7E-01	1.0E+02
						Warfarin	81-81-2		
1.0E-01	S			V		Xylene, p-	106-42-3		1.0E+02
1.0E-01	S			V		Xylene, m-	108-38-3		1.0E+02
						Xylene, o-	95-47-6		1.0E+02
						Xylenes	1330-20-7		1.0E+02
						Zinc Phosphide	1314-84-7		
						Zinc and Compounds	7440-66-6		
						Zineb	12122-67-7		
						Zirconium	7440-67-7		

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Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 1				Protection of Groundwater					
SFO (mg/kg-day) ¹	k _e	IUR (ug/m ³ -day) ¹	k _e	RfD _c (mg/kg-day) ¹	k _e	RfC _c (mg/m ³) ¹	k _e	mutagen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1E-06 (ug/L)	Dermal SL TR=1E-06 (ug/L)	Inhalation SL TR=1E-06 (ug/L)	Carcinogenic SL TR=1E-06 (ug/L)	Ingestion SL THQ=1 (ug/L)	Dermal SL THQ=1 (ug/L)	SL THQ=1 (ug/L)	Noncarcinogenic SL Child TH=1 (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
8.7E-03	I	2.2E-06	I	4.0E-03	I	9.0E-03	I	V	-0.85	1	1	Yes	Acephate	30560-19-1	9.0E+00	1.2E+04		8.9E+00	8.0E+01	1.1E+05	1.9E+01	8.0E+01		2.0E-03	
				2.0E-02	I	3.0E-03	I	V	-0.34	1	1	Yes	Acetaldehyde	75-07-0			2.6E+00	2.6E+00			1.9E+01	1.9E+01		5.2E-04	
				9.0E-01	I	3.1E+01	A	V	-0.24	1	1	Yes	Acetochlor	34256-82-1					4.0E+02	2.9E+03	1.9E+01	3.5E+02		2.8E-01	
				2.0E-02	I	6.0E-03	P		-0.32	1	1	Yes	Acetone	67-64-1					1.8E+04	4.4E+06	6.4E+04	1.4E+04		2.9E+00	
				6.0E-02	I	2.0E-03	X	V	-0.03	1	1	Yes	Acetone Cyanohydrin	75-86-5							6.4E+04	1.4E+04			
				6.0E-02	I	2.0E-03	X	V	-0.34	1	1	Yes	Acetonitrile	75-05-8							1.3E+02	1.3E+02		2.6E-02	
3.8E+00	C	1.3E-03	C	1.0E-01	I		V		1.58	1	1	Yes	Acetophenone	98-86-2					2.0E+03	4.6E+04		1.9E+03		5.8E-01	
				5.0E-04	I	2.0E-05	I	V	3.12	1	1	Yes	Acetylaminofluorene, 2-Acrolein	53-96-3	2.1E-02	6.7E-02		1.6E-02	1.0E+01	1.7E+03	4.2E-02	4.2E-02		7.2E-05	
				5.0E-04	I	2.0E-05	I	V	-0.01	1	1	Yes	Acetophenone	107-02-8					1.0E+01	1.7E+03	4.2E-02	4.2E-02		8.4E-06	
5.0E-01	I	1.0E-04	I	2.0E-03	I	6.0E-03	I	M	-0.67	1	1	Yes	Acrylamide	79-06-1	5.0E-02	2.3E+01		5.0E-02	4.0E+01	2.1E+04		4.0E+01		1.1E-05	
				5.0E-01	I	1.0E-03	I	V	0.35	1	1	Yes	Acrylic Acid	79-10-7					1.0E+04	1.1E+06	2.1E+00	2.1E+00		4.2E-04	
5.4E-01	I	6.8E-05	I	4.0E-02	A	2.0E-03	I	V	0.25	1	1	Yes	Acrylonitrile	107-13-1	1.4E-01	1.4E+01	8.3E-02	5.2E-02	8.0E+02	8.9E+04	4.2E+00	4.1E+00		1.1E-05	
				6.0E-03	P				-0.32	1	1	Yes	Adiponitrile	111-69-3							1.6E+02	2.0E+00	2.0E+00	8.7E-04	1.7E-03
5.6E-02	C			1.0E-02	I				3.52	1	0.9	Yes	Alachlor	15972-60-8	1.4E+00	4.4E+00		1.1E+00	2.0E+02	6.9E+02		1.6E+02	2.0E+00	4.9E-03	7.5E-04
				1.0E-03	I				1.13	1	1	Yes	Aldicarb	116-06-3					2.0E+01	1.4E+03		2.0E+01	2.0E+00	4.4E-03	4.4E-04
				1.0E-03	I				-0.57	1	1	Yes	Aldicarb Sulfone	1646-88-4					2.0E+01	2.4E+04		2.0E+01	2.0E+00	4.4E-03	4.4E-04
				1.0E-03	I				-0.78	1	1	Yes	Aldicarb sulfoxide	1646-87-3					2.0E+01	2.4E+04		2.0E+01	2.0E+00	4.4E-03	4.4E-04
1.7E+01	I	4.9E-03	I	3.0E-05	I		V		6.5	1	1	No	Aldrin	309-00-2	4.6E-03		1.1E-03	9.2E-04	6.0E-01			6.0E-01		1.5E-04	
				5.0E-03	I	1.0E-04	X	V	0.17	1	1	Yes	Allyl Alcohol	107-18-6					1.0E+02	1.3E+04	2.1E-01	2.1E-01		4.2E-05	
2.1E-02	C	6.0E-06	C	1.0E+00	P	5.0E-03	P		1.93	1	1	Yes	Allyl Chloride	107-05-1	3.7E+00	3.5E+01	9.4E-01	7.3E-01	1.0E+04	4.6E+06	2.1E+00	2.0E+04		2.3E-04	3.0E+04
				1.0E+00	P	5.0E-03	P		1	1	1	Yes	Aluminum	7429-90-5					2.0E+04	4.6E+06	2.1E+00	2.0E+04		3.0E+04	
				4.0E-04	I				2.98	1	1	Yes	Aluminum Phosphide	20859-73-8					8.0E+00	1.8E+03		8.0E+00		1.6E-01	
				9.0E-03	I				2.86	1	1	Yes	Ametryn	834-12-8	3.7E-03	1.5E-02		3.0E-03	1.8E+02	9.8E+02		1.5E+02		1.5E-05	
2.1E+01	C	6.0E-03	C	8.0E-02	P				0.21	1	1	Yes	Aminophenol, m-	591-27-5					1.6E+03	2.8E+05		1.6E+03		6.1E-01	
				2.0E-02	P				0.04	1	1	Yes	Aminophenol, p-	123-30-8					4.0E+02	9.1E+04		4.0E+02		1.5E-01	
				2.5E-03	I				5.5	1	0.9	Yes	Amityz	33089-61-1					5.0E+01	9.8E+00		8.2E+00		4.2E+00	
				2.0E-01	I	1.0E-01	I	V	0.23	1	1	Yes	Ammonia	7664-41-7					4.0E+03	9.1E+05		4.0E+03		1.3E-03	
				3.0E-03	X	V			0.89	1	1	Yes	Ammonium Sulfamate	7773-06-9					4.0E+03	9.1E+05	6.3E+00	6.3E+00		1.3E-03	
5.7E-03	I	1.6E-06	C	7.0E-03	P	1.0E-03	I		0.9	1	1	Yes	Amyl Alcohol, tert	75-85-4	1.4E+01	6.9E+02		1.3E+01	1.4E+02	7.7E+03		1.4E+02		4.6E-03	
4.0E-02	P			2.0E-03	X				3.39	1	0.9	Yes	Aniline	62-53-3	1.9E+00	5.1E+00		1.4E+00	4.0E+01	1.1E+02		3.0E+01		1.4E-02	
				4.0E-04	I				0.15	1	1	Yes	Anthraquinone, 9,10-Antimony (metalloid)	8405-1-7					8.0E+00	2.7E+02		7.8E+00	6.0E+00	3.5E-01	2.7E-01
				5.0E-04	H				0.15	1	1	Yes	Antimony Pentoxide	1314-60-9					1.0E+01	3.4E+02		9.7E+00			
				4.0E-04	H				0.15	1	1	Yes	Antimony Tetroxide	1332-81-6					8.0E+00	2.7E+02		7.8E+00			
				2.0E-04	I				0.15	1	1	Yes	Antimony Trioxide	1309-64-4					8.0E+00	2.7E+02		7.8E+00			
1.5E+00	I	4.3E-03	I	3.0E-04	I	1.5E-05	C		1	1	1	Yes	Arsenic, inorganic	7440-38-2	5.2E-02	9.7E+00		5.2E-02	6.0E+00	1.4E+03		6.0E+00	1.0E+01	1.5E-03	2.9E-01
				3.5E-06	C	5.0E-05	I		1	1	1	Yes	Arsine	7784-42-1					7.0E-02	1.6E+01		7.0E-02		2.6E-01	
				5.0E-02	I				-0.27	1	1	Yes	Asulam	333771-1					1.0E+03	8.0E+05		1.0E+03		2.6E-01	
2.3E-01	C			3.5E-02	I				2.61	1	1	Yes	Atrazine	1912-24-9	3.4E-01	2.8E+00		3.0E-01	7.0E+02	6.2E+03		6.3E+02	3.0E+00	2.0E-04	2.0E-03
8.8E-01	C	2.5E-04	C	4.0E-04	I				2.98	1	0.9	Yes	Auramine	492-80-8	8.9E-02	2.7E-01		6.7E-02	8.0E+00	6.2E+03		6.3E+02	3.0E+00	6.1E-04	2.0E-03
				4.0E-04	I				4.48	1	1	No	Avermectin B1	85195-55-3					8.0E+00			8.0E+00		1.4E+01	
				3.0E-03	A	1.0E-02	A		2.75	1	1	Yes	Azinphos-methyl	86-50-0					6.0E+01	8.3E+02		5.6E+01		1.7E-02	
1.1E-01	I	3.1E-05	I	1.0E+00	P	7.0E-06	P		3.82	1	1	Yes	Azobenzene	103-33-3	7.1E-01	7.3E-01	1.8E-01	1.2E-01	2.0E+04	6.8E+07		2.0E+04		9.3E-04	6.8E+00
				1.0E+00	P	7.0E-06	P		-1.7	1	1	Yes	Azodicarbonamide	123-77-3					2.0E+04	6.8E+07		2.0E+04		9.3E-04	6.8E+00
5.0E-01	C	1.5E-01	C	2.0E-01	I	5.0E-04	H		0.07	1	1	Yes	Barium	7440-39-3					4.0E+03	6.4E+04		3.8E+03	2.0E+03	1.6E+02	8.2E+01
				2.0E-02	C	2.0E-04	C		0.025	1	1	Yes	Barium Chromate	10294-40-3	5.0E-02	2.3E-01		4.1E-02	4.0E+02	2.3E+03		3.4E+02		1.6E+02	8.2E+01
				3.0E-01	I		V		5.29	1	0.8	Yes	Benfluralin	1861-40-1					6.0E+03	2.4E+03		1.7E+03		5.6E+01	
				5.0E-02	I				2.12	1	1	Yes	Benomyl	17804-35-2					1.0E+03	3.0E+04		9.7E+02		8.5E-01	
				2.0E-01	I				2.18	1	1	Yes	Bensulfuron-methyl	83055-99-6					4.0E+03	2.4E+05		3.9E+03		1.0E+00	
				3.0E-02	I				2.34	1	1	Yes	Bentazon	25057-89-0					6.0E+02	9.4E+03		5.7E+02		1.2E-01	
				1.0E-01	I		V		1.48	1	1	Yes	Benzaldehyde	100-52-7					2.0E+03	4.9E+04		1.9E+03		4.3E-01	
5.5E-02	I	7.8E-06	I	4.0E-03	I	3.0E-02	I	V	2.13	1	1	Yes	Benzene	71-43-2	1.4E+00	9.8E+00	7.2E-01	4.6E-01	8.0E+01	6.1E+02	6.3E+01	3.3E+01	5.0E+00	2.3E-04	2.6E-03
1.0E-01	X			3.0E-04	X																				

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-06				Noncancer CHILD Hazard Index (HI) = 1				Protection of Groundwater						
SFO (mg/kg-day) ¹	k _e	IUR (ug/m ³ -day) ¹	k _e	RfD _c (mg/kg-day)	k _e	RfC _c (mg/m ³ -day)	k _e	mutagen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1E-06 (ug/L)	Dermal SL TR=1E-06 (ug/L)	Inhalation SL TR=1E-06 (ug/L)	Carcinogenic SL TR=1E-06 (ug/L)	Ingestion SL THQ=1 (ug/L)	Dermal SL THQ=1 (ug/L)	SL THQ=1 (ug/L)	Noncarcinogenic SL Child TH1=1 (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)	
6.2E-02	I	3.7E-05	C	2.0E-02	I	4.0E-02	X	V	1.41	1	1	Yes	Bromochloromethane	74-97-5							8.3E+01	8.3E+01	8.0E+01(F)	2.1E-02		
7.9E-03	I	1.1E-06	I	2.0E-02	I				2.4	1	1	Yes	Bromodichloromethane	75-27-4	1.3E+00	1.9E+01	1.5E-01	1.3E-01	4.0E+02	6.5E+03	3.8E+02	3.8E+02	8.0E+01(F)	3.7E-05	2.2E-02	
									2.4	1	1	Yes	Bromoforn	75-25-2	9.9E+00	1.4E+02	5.1E+00	3.3E+00	4.0E+02	6.2E+03	3.8E+02	3.8E+02	8.0E+01(F)	8.7E-04	2.1E-02	
									1.19	1	1	Yes	Bromomethane	74-83-9					2.8E+01	1.0E+03	1.0E+01	7.5E+00		1.9E-03		
									5.21	1	0.8	Yes	Bromophos	2104-96-3					1.0E+02	5.5E+01		3.5E+01		1.5E-01		
									2.8	1	0.9	Yes	Bromoxnill	1689-84-5					4.0E+02	1.8E+03		3.3E+02		2.8E-01		
									5.4	1	0.8	Yes	Bromoxnill Octanoate	1689-99-2					4.0E+02	2.1E+02		1.4E+02		1.2E+00		
3.4E+00	C	3.0E-05	I			2.0E-03	I	V	1.99	1	1	Yes	Butadiene, 1,3-	106-99-0	2.3E-02	1.6E-01	1.9E-01	1.8E-02	2.0E+03	1.0E+05	4.2E+00	4.2E+00	2.0E+03	9.9E-06	4.1E-01	
									0.88	1	1	Yes	Butanol, n-	71-36-3					2.0E+03	1.0E+05		2.0E+03		4.1E-01		
1.9E-03	P					2.0E-01	I		4.73	1	0.9	Yes	Butyl Benzyl Phthalate	85-68-7	4.1E+01	2.7E+01		1.6E+01	4.0E+03	2.9E+03		1.7E+03		2.4E-01		
						2.0E+00	P	3.0E+01	0.61	1	1	Yes	Butyl alcohol, sec-	78-92-2					4.0E+04	3.0E+06	6.3E+04	2.4E+04		5.0E+00		
						5.0E-02	I	V	4.15	1	1	Yes	Butylate	2008-41-5					1.0E+03	8.5E+02		4.6E+02		4.5E-01		
2.0E-04	C	5.7E-08	C						3.5	1	0.8	Yes	Butylated hydroxyanisole	25013-16-5	3.9E+02	2.5E+02		1.5E+02	6.0E+03	1.2E+03		1.0E+03		2.9E-01		
3.6E-03	P					3.0E-01	P		5.1	1	1	Yes	Butylated hydroxytoluene	128-37-0	2.2E+01	4.0E+00		3.4E+00	1.0E+03				1.0E+03		1.0E-01	
						5.0E-02	P	V	4.38	1	1	No	Butylbenzene, n-	104-51-8					1.0E+03			1.0E+03		3.2E+00		
						1.0E-01	X	V	4.57	1	1	No	Butylbenzene, sec-	135-98-8					2.0E+03			2.0E+03		5.9E+00		
						1.0E-01	X	V	4.11	1	1	Yes	Butylbenzene, tert-	98-06-6					2.0E+03	1.1E+03		6.9E+02		1.6E+00		
						2.0E-02	A		0.36	1	1	Yes	Cacodylic Acid	75-60-5					4.0E+02	6.7E+04		4.0E+02		1.2E-01		
						1.8E-03	I	1.0E-05	0.025	1	1	Yes	Cadmium (Diet)	7440-43-9					1.0E+01	1.1E+02		9.2E+00	5.0E+00	6.9E-01	3.8E-01	
						1.8E-03	I	1.0E-05	0.05	1	1	Yes	Cadmium (Water)	7440-43-9					4.0E+02	2.3E+03		3.4E+02				
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C	M	0.025	1	1	Yes	Calcium Chromate	13765-19-0	5.0E-02	2.3E-01		4.1E-02	1.0E+01	1.1E+02		9.2E+00	5.0E+00	6.9E-01	3.8E-01	
						5.0E-01	I	2.2E-03	-0.19	1	1	Yes	Caprolactam	105-60-2					1.0E+04	9.0E+05		9.9E+03		2.5E+00		
1.5E-01	C	4.3E-05	C			2.0E-03	I		3.8	1	0.9	Yes	Captafol	2425-06-1	5.2E-01	1.8E+00		4.0E-01	4.0E+01	1.5E+02		3.2E+01		7.1E-04		
2.3E-03	C	6.6E-07	C			1.3E-01	I		2.8	1	1	Yes	Captan	133-06-2	3.4E+01	3.6E+02		3.1E+01	2.6E+03	3.0E+04		2.4E+03		2.2E-02		
						1.0E-01	I		2.36	1	1	Yes	Carbaryl	63-25-2					2.0E+03	2.4E+04		1.8E+03		1.7E+00		
						5.0E-03	I		2.32	1	1	Yes	Carbofuran	1563-66-2					1.0E+02	1.4E+03		9.4E+01	4.0E+01	3.7E-02	1.6E-02	
						1.0E-01	I	7.0E-01	1.94	1	1	Yes	Carbon Disulfide	75-15-0					2.0E+03	2.0E+04	1.5E+03	8.1E+02		2.4E-01		
7.0E-02	I	6.0E-06	I			4.0E-03	I	1.0E-01	2.83	1	1	Yes	Carbon Tetrachloride	56-23-5	1.1E+00	4.3E+00	9.4E-01	4.6E-01	8.0E+01	3.4E+02	2.1E+02	4.9E+01	5.0E+00	1.8E-04	1.9E-03	
						1.0E-01	P	V	-1.33	1	1	Yes	Carbonyl Sulfide	463-58-1					2.0E+03	2.1E+02		2.1E+02		5.1E-01		
						1.0E-02	I		5.57	1	0.8	Yes	Carbosulfan	55285-14-8					2.0E+02	6.9E+01		5.1E+01		1.2E+00		
						1.0E-01	I		2.14	1	1	Yes	Carboxin	5234-68-4					2.0E+03	4.1E+04		1.9E+03		1.0E+00		
						1.0E-01	I		0.99	1	1	Yes	Cerlic oxide	1306-38-3					2.0E+03	1.5E+05		2.0E+03		4.0E-01		
						1.5E-02	I		1.9	1	1	Yes	Chloral Hydrate	802-17-0					3.0E+02	7.4E+03		2.9E+02		7.0E-02		
4.0E-01	H					2.22	1	1	2.22	1	1	Yes	Chloramben	133-90-4	1.9E-01	3.5E+00		1.8E-01	2.0E+03				2.9E+02		1.5E-04	
3.5E-01	I	1.0E-04	I			5.0E-04	I	7.0E-04	6.26	1	0.7	No	Chloranil	118-75-2	2.2E-01		5.6E-02	4.5E-02	1.0E+01		1.5E+00	1.3E+00	2.0E+00	3.0E-03	1.4E-01	
						1.0E+01	I	4.6E-03	5.41	1	0.8	Yes	Chlordane	12789-03-6	2.2E-01				1.0E+01			1.5E+00		3.0E-03	1.4E-01	
						7.0E-04	A		3.81	1	0.9	Yes	Chlordecone (Kepone)	143-50-0	7.8E-03	6.5E-03		3.5E-03	6.0E+00	5.4E+00		2.9E+00		1.2E-04		
						2.0E-02	I		2.5	1	1	Yes	Chlorfeniphos	470-90-6					4.0E+02	1.5E+04		3.9E+02		3.1E-02		
						2.0E-02	I		2.5	1	1	Yes	Chlorimuron, Ethyl-	90982-32-4					4.0E+02	1.5E+04		3.9E+02		1.3E-01		
						1.0E-01	I	1.5E-04	0.85	1	1	Yes	Chlorine	7782-50-5					2.0E+03	4.6E+05	3.0E-01	3.0E-01		1.4E-04		
						3.0E-02	I	2.0E-04	1	1	1	Yes	Chlorine Dioxide	10049-04-4					6.0E+02	1.4E+05	4.2E-01	4.2E-01				
						3.0E-02	I		1	1	1	Yes	Chlorite (Sodium Salt)	7758-19-2					6.0E+02	1.4E+05		6.0E+02	1.0E+03			
4.6E-01	H					5.0E+01	I	V	2.05	1	1	Yes	Chloro-1,1-difluoroethane, 1-	75-68-3					4.0E+02	1.8E+03	1.0E+05	1.0E+05		5.2E+01		
						2.0E-02	H	2.0E-02	2.53	1	1	Yes	Chloro-1,3-butadiene, 2-	176-99-8			1.9E-02	1.9E-02	4.0E+02	1.8E+03	4.2E+01	3.7E+01		9.9E-06		
						2.27	1	1	2.27	1	1	Yes	Chloro-2-methylaniline HCl, 4-	3165-93-3	1.7E-01	5.1E+02		1.7E-01	4.0E+02	1.8E+03	4.2E+01	3.7E+01		1.5E-04		
1.0E-01	P	7.7E-05	C			3.0E-03	X		2.27	1	1	Yes	Chloro-2-methylaniline, 4-	95-69-2	7.8E-01	6.6E+00		7.0E-01	6.0E+01	5.6E+02		5.4E+01		4.0E-04		
2.7E-01	X							V	0.09	1	1	Yes	Chloroacetaldehyde, 2-	107-20-0	2.9E-01	4.6E+01		2.9E-01	6.0E+01	5.6E+02			6.0E+01	5.8E-05		
									0.22	1	1	Yes	Chloroacetic Acid	79-11-8					6.0E+01	5.6E+02			6.0E+01	5.8E-05	1.2E-02	
2.0E-01	P					3.0E-05	I		1.93	1	1	Yes	Chloroacetoophenone, 2-	532-27-4					8.0E+01	1.3E+03		7.6E+01	1.0E+02	1.6E-04	6.8E-02	
						4.0E-03	I		1.83	1	1	Yes	Chloroaniline, p-	106-47-8	3.9E-01	5.9E+00		3.7E-01	4.0E+02	1.3E+03	1.0E+02	7.8E+01		5.3E-02		
						2.0E-02	I	5.0E-02	2.84	1	1	Yes	Chlorobenzene	108-90-7					4.0E+02	3.5E+02		1.9E+02		1.0E-03		
1.1E-01	C	3.1E-05	C			2.0E-02	X		4.74	1	0.8	Yes	Chlorobenzilate	510-15-b	7.1E-01	5.6E-01		3.1E-01	4.0E+02	3.						

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-06				Noncancer CHILD Hazard Index (HI) = 1				Protection of Groundwater						
SFO (mg/kg-day) ¹	ke	IUR (ug/m ³) ²	ke	RfD _c (mg/kg-day)	ke	RfC _c (mg/m ³) ²	ke	mutagen	LOGP	GIABS	FA	IN EPD?	Analyte	CAS No.	Ingestion SL TR=1E-06 (ug/L)	Dermal SL TR=1E-06 (ug/L)	Inhalation SL TR=1E-06 (ug/L)	Carcinogenic SL TR=1E-06 (ug/L)	Ingestion SL THQ=1 (ug/L)	Dermal SL THQ=1 (ug/L)	SL Child THQ=1 (ug/L)	Noncarcinogenic SL Child TH=1 (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)	
5.0E-01	J	8.4E-02	S	3.0E-03	I	1.0E-04	I	M		0.025	1	Yes	Chromium(VI)	18540-29-9	5.0E-02	1.2E-01		3.5E-02	6.0E+01	1.7E+02		4.4E+01		6.7E-04		
				1.3E-02	I				3.1	1	0.9	Yes	Chromium, Total	7440-47-3					2.6E+02	2.1E+03		2.3E+02	1.0E+02	1.4E+01	1.8E+05	
		9.0E-03	P	3.0E-04	P	6.0E-06	P					Yes	Clofentazine	74115-24-5					6.0E+00	3.4E+03		6.0E+00		2.7E-01		
		6.2E-04	I	4.0E-02	H							Yes	Cobalt	7440-48-4										1.4E+01		
								V				Yes	Coke Oven Emissions	8007-45-2										2.7E-01		
								M				Yes	Copper	7440-50-8									1.3E+03	2.8E+01	4.6E+01	
				5.0E-02	I	6.0E-01	C		1.96	1	1	Yes	Cresol, m-	108-39-4					1.0E+03	1.2E+04		9.3E+02		7.4E-01		
				5.0E-02	I	6.0E-01	C		1.95	1	1	Yes	Cresol, o-	95-48-7					1.0E+03	1.2E+04		9.3E+02		7.5E-01		
				1.0E-01	A	6.0E-01	C		1.94	1	1	Yes	Cresol, p-	106-44-5					2.0E+03	2.5E+04		1.9E+03		1.5E+00		
				1.0E-01	A	6.0E-01	C		3.1	1	1	Yes	Cresol, p-chloro-m-	59-50-7					2.0E+03	5.2E+03		1.4E+03		1.7E+00		
				1.0E-01	A	6.0E-01	C		1.95	1	0.9	Yes	Cresolis	1319-77-3					2.0E+03	6.7E+03		1.5E+03		1.3E+00		
1.9E+00	H			1.0E-03	P				0.6	1	1	Yes	Crotonaldehyde, trans-	123-73-9	4.1E-02	2.7E+00		4.0E-02	2.0E+01	1.5E+03		2.0E+01		8.2E-06		
				1.0E-01	I	4.0E-01	I	V	3.66	1	1	Yes	Cumene	98-82-8					2.0E+03	1.9E+03	8.3E+02	4.5E+02		7.4E-01		
2.2E-01	C	6.3E-05	C	2.0E-03	H				-1.73	1	1	Yes	Cupferron	135-20-6	3.5E-01	1.3E+04		3.5E-01	4.0E+01	7.6E+02		3.8E+01		6.1E-04		
8.4E-01	H			2.0E-03	H				2.22	1	1	Yes	Cyanazine	21725-46-2	9.3E-02	1.6E+00		8.8E-02	4.0E+01	7.6E+02		3.8E+01		4.1E-05		
				1.0E-03	I					1	1	Yes	Cyanides													
				5.0E-03	I					1	1	Yes	*Calcium Cyanide	592-01-8					2.0E+01	4.6E+03		2.0E+01				
				6.0E-04	I	8.0E-04	S	V		1	1	Yes	*Copper Cyanide	544-92-3					1.0E+02	2.3E+04		1.0E+02				
				1.0E-03	I				0.07	1	1	Yes	*Cyanide (CN-)	57-12-5					2.0E+01	2.7E+03	1.7E+00	1.5E+00	2.0E+02	1.5E-02	2.0E+00	
				9.0E-02	I					1	1	Yes	*Cyanogen	460-19-5					1.8E+03	1.6E+06		1.8E+03				
				5.0E-02	I					1	1	Yes	*Cyanogen Bromide	506-68-3					1.0E+03	5.8E+05		1.0E+03				
				6.0E-04	I	8.0E-04	I	V	-0.25	1	1	Yes	*Cyanogen Chloride	506-77-4					1.2E+01	2.7E+03	1.7E+00	1.5E+00		1.5E-02		
				2.0E-03	I					1	1	Yes	*Hydrogen Cyanide	74-90-8					4.0E+01	4.6E+03		4.0E+01				
				5.0E-03	I					0.04	1	Yes	*Potassium Cyanide	151-50-8					1.0E+02	4.6E+02		8.2E+01				
				1.0E-01	I					0.04	1	Yes	*Potassium Silver Cyanide	506-61-6					2.0E+03	1.8E+04		1.8E+03				
				1.0E-03	I					1	1	Yes	*Silver Cyanide	506-64-9					2.0E+01	4.6E+03		2.0E+01	2.0E+02			
				2.0E-04	P					1	0	Yes	*Sodium Cyanide	143-33-9					4.0E+00	9.1E+02		4.0E+00				
				2.0E-04	X					0.58	1	Yes	*Thiocyanates	NA					4.0E+00	9.1E+02		4.0E+00				
				5.0E-02	I					1	1	Yes	*Thiocyanic Acid	463-56-9					1.0E+03	3.8E+05		1.0E+03				
				6.0E+00	I					3.44	1	Yes	*Zinc Cyanide	557-21-1					1.0E+03	3.8E+05		1.0E+03				
2.3E-02	H			5.0E+00	I	7.0E-01	P	V	4.72	1	0.9	Yes	Cyclohexane	110-82-7	3.4E+00	8.3E+00		2.4E+00	1.0E+05	6.5E+06	1.5E+03	1.4E+03		1.3E+01		
				2.0E-01	I	1.0E+00	X	V	0.81	1	1	Yes	Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3					1.0E+02	2.5E+02	2.1E+03	7.0E+01		4.6E-02		
				5.0E-03	P	1.0E+00	X	V	2.86	1	1	Yes	Cyclohexanone	108-94-1					4.0E+03	9.3E+04		3.8E+03		1.0E+00		
				2.5E-02	I				5.95	1	0.7	Yes	Cyclohexylamine	110-83-8					5.0E+02	1.6E+02		1.2E+02		3.1E+01		
				5.0E-03	I				6.9	1	0.5	No	Cyfluthrin	68085-85-8					1.0E+02			1.0E+02		6.9E+01		
				1.0E-02	I				6.6	1	0.7	No	Cypermethrin	52315-07-8					2.0E+02			2.0E+02		3.2E+01		
				7.5E-03	I				-0.061	1	1	Yes	Cyromazine	66215-27-8					1.5E+02	1.2E+04		1.5E+02		3.8E-02		
2.4E-01	I	6.9E-05	C	3.4E-01	I	9.7E-05	C		6.02	1	0.8	Yes	DDD	72-54-8	3.2E-01	3.5E-02		3.2E-02						7.5E-03		
				3.4E-01	I	9.7E-05	C		6.51	1	0.8	No	DDE, p,p'	72-55-9	2.3E-01		5.8E-02	4.6E-02						1.1E-02		
				3.4E-01	I	9.7E-05	I		6.91	1	0.7	No	DDT	50-29-3	2.3E-01			2.3E-01	1.0E+01			1.0E+01		7.7E-02		
				3.0E-02	I				0.78	1	1	Yes	Dalapon	75-99-0					6.0E+02	5.5E+04		6.0E+02	2.0E+02	1.2E-01	4.1E-02	
1.8E-02	C	5.1E-06	C	7.0E-04	I				-1.5	1	1	Yes	Daminozide	1596-84-5	4.3E+00	1.3E+04		4.3E+00	3.0E+03	1.0E+07		3.0E+03		9.5E-04		
				7.0E-04	I				12.11	1	0	No	Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6' (BDE-209)	1163-19-5	1.1E+02			1.1E+02	1.4E+02		1.4E+02		1.4E+02		6.2E+01	
				4.0E-05	I				3.21	1	0.8	Yes	Demeton	8065-48-3					8.0E-01	8.8E-01		4.2E-01		4.7E+00	2.9E+01	
1.2E-03	I			6.0E-01	I				6.11	1	0	Yes	Di(2-ethylhexyl)adipate	103-23-1	6.5E+01			6.5E+01	1.2E+04		1.2E+04		4.0E+02	4.7E+00	2.9E+01	
6.1E-02	H			7.0E-04	A				4.49	1	0.9	Yes	Diallate	2303-16-4	1.3E+00	9.2E-01		5.4E-01						8.0E-04		
				1.0E-02	X				3.81	1	0.9	Yes	Diazinon	333-41-5					1.4E+01	3.9E+01		1.0E+01		6.5E-02		
				2.0E-04	P	2.0E-04	I	V	4.38	1	1	Yes	Dibenzothioephene	132-65-0					2.0E+02	9.6E+01		6.5E+01		1.2E+00		
				4.0E-04	X				2.96	1	1	Yes	Dibromo-3-chloropropane, 1,2-	96-12-8	3.1E-02	1.7E-01	3.4E-04	3.3E-04	4.0E+00	2.4E+01	4.2E-01	3.7E-01	2.0E-01	1.4E-07	8.6E-05	
				1.0E-02	I				3.75	1	0.9	Yes	Dibromobenzene, 1,3-	108-36-1					8.0E+00	1.6E+01		5.3E+00		5.1E-03		
				2.0E-02	I				3.79	1	0.9	Yes	Dibromobenzene, 1,4-	106-37-6					2.0E+02	3.7E+02		1.3E+02		1.2E-01		
8.4E-02	I			2.0E-02	I				2.16	1	1	Yes	Dibromochloromethane	124-48-1	9.3E-01	1.4E+01		8.7E-01	4.0E+02	6.7E+03		3.8E+02	8.0E+01(F)	2.3E-04	2.1E-02	
2.0E+00	I	6.0E-04	I	9.0E-03	I	9.0E-03	I	V	1.96	1	1	Yes	Dibromomethane, 1,2-	106-93-4	3.9E-02	7.1E-01	9.4E-03	7.5E-03	1.8E+02	3.6E+03	1.9E+01	1.7E+01	5.0E-02	2.1E-06	1.4E-05	
				3.0E-04	P				1.7	1	1	Yes	Dibromomethane (Methylene Bromide)	74-95-3					6.0E+00		8.3E+00	6.0E+00		2.1E-03		
				4.2E-03	P				2.21	1	1	Yes														

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-06				Noncancer CHILD Hazard Index (HI) = 1				Protection of Groundwater										
SFO (mg/kg-day) ¹	k _e IUR (ug/m ³ -day) ²	k _e RfD _c (mg/kg-day)	k _e RfD _n (mg/m ³ -day)	k _e RfC _c (mg/m ³ -day)	k _e RfC _n (mg/m ³ -day)	v	o	muta-	LOGP	GIABS	FA	IN EPD?	Analyte	CAS No.	Ingestion SL TR=1E-06 (ug/L)	Dermal SL TR=1E-06 (ug/L)	Inhalation SL TR=1E-06 (ug/L)	Carcinogenic SL TR=1E-06 (ug/L)	Ingestion SL THQ=1 (ug/L)	Dermal SL THQ=1 (ug/L)	SL Child THQ=1 (ug/L)	Noncarcinogenic SL Child TH=1 (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)					
3.6E-02	C 1.0E-05	C 9.0E-02	A 4.0E-03	I V	1.98	1	1	Yes				Yes	Dichloropropane, 1,2-Dichloropropane, 1,3-Dichloropropanol, 2,3-	78-87-5 142-28-9 616-23-9	2.2E+00	2.4E+01	5.6E-01	4.4E-01	1.8E+03 4.0E+02 6.0E+01	2.2E+04 4.6E+03 5.0E+03	8.3E+00	8.3E+00 3.7E+02 5.9E+01	5.0E+00	1.5E-04 1.3E-01 1.3E-02	1.7E-03					
1.0E-01	I 4.0E-06	I 3.0E-02	I 2.0E-02	I V	2.04	1	1	Yes				Yes	Dichloropropene, 1,3-Dichlorvos	542-75-6 62-73-7	7.8E-01	7.8E+00	1.4E+00	4.7E-01	6.0E+02 1.0E+01	6.6E+03 5.6E+02	4.2E+01	3.9E+01 9.9E+00		1.7E-04 8.1E-05						
2.9E-01	I 8.3E-05	C 5.0E-04	I 5.0E-04	I V	1.43	1	1	Yes				Yes	Dicrotophos	141-66-2	2.7E-01	1.4E+01		2.6E-01	2.0E+00 1.1E+03	1.1E+03	2.0E+00		4.7E-04							
1.6E+01	I 4.6E-03	I 5.0E-05	P 3.0E-04	X V	3.16	1	1	Yes				Yes	Dicyclopentadiene	77-73-6				1.8E-03	1.6E+03 1.0E+00	3.5E+03 6.1E-01	6.3E-01	6.3E-01		2.2E-03 7.1E-05						
			P 2.0E-04	P	-1.43	1	1	Yes				Yes	Diethanolamine	111-42-2					4.0E+01 6.0E+02	8.4E+04 8.7E+04	4.0E+01	4.0E+01		8.1E-03 1.3E-01						
			P 1.0E-04	P	0.56	1	1	Yes				Yes	Diethylene Glycol Monobutyl Ether	112-34-5					1.2E+03	7.8E+05	1.2E+03			2.4E-01						
			P 3.0E-04	P	-0.54	1	1	Yes				Yes	Diethylene Glycol Monoethyl Ether	111-90-0																
3.5E+02	C 1.0E-01	C			0.05	1	1	Yes				Yes	Diethylformamide	617-84-5	2.2E-01	6.6E-05		5.1E-05	2.0E+01	4.3E+03		2.0E+01		4.1E-03						
					5.07	1	0.9	Yes				Yes	Diethylstilbestrol	56-53-1											2.8E-05					
					0.65	1	1	Yes				Yes	Difenzoquat	43222-48-6					1.6E+03	7.3E+05		1.6E+03								
4.4E-02	C 1.3E-05	C			3.88	1	0.9	Yes				Yes	DiFluobenzuron	35367-38-5	1.8E+00	2.3E+00	4.3E-01	3.0E-01	4.0E+02	1.0E+03		8.3E+04		3.3E-01						
					0.75	1	1	Yes				Yes	DiFluoroethane, 1,1-Dihydrozafrrole	75-37-6 94-58-6							8.3E+04	8.3E+04		2.8E+01	1.9E-04					
					1.52	1	1	Yes				Yes	Diisopropyl Ether	108-20-3							1.5E+03	1.5E+03		3.7E-01						
					1.03	1	1	Yes				Yes	Diisopropyl Methylphosphonate	1445-75-6					1.6E+03	1.3E+05		1.6E+03		4.5E-01						
					-0.17	1	1	Yes				Yes	Dimethipin	55290-64-7					4.0E+02	2.4E+05		4.0E+02		8.8E-02						
1.6E+00	P				0.78	1	1	Yes				Yes	Dimethoate	60-51-5	4.9E-02	1.6E+00		4.7E-02	4.0E+00	6.4E+02		4.0E+00		9.0E-04						
1.7E-03					1.81	1	1	Yes				Yes	Dimethoxybenzidine, 3,3'-Dimethyl methylphosphonate	119-90-4 756-79-6	4.6E+01	2.8E+04		4.6E+01	1.2E+03	8.1E+05		1.2E+03		5.8E-05	9.7E-03					
4.6E+00	C 1.3E-03	C			4.58	1	1	Yes				Yes	Dimethylamino azobenzene [p-]	60-11-7	1.7E-02	7.2E-03		5.0E-03						2.2E-05						
5.8E-01	H				2.17	1	1	Yes				Yes	Dimethylaniline HCl, 2,4-Dimethylaniline, 2,4-	21436-96-4 95-68-1	1.3E-01	5.2E+02		1.3E-01	4.0E+01	8.0E+02		3.8E+01		1.2E-04	2.1E-04					
2.0E-01	P				1.68	1	1	Yes				Yes	Dimethylaniline, N,N-Dimethylbenzidine, 3,3'-Dimethylformamide	121-69-7 119-93-7 68-12-2	7.1E-03	8.5E-02		6.5E-03	4.0E+01	3.1E+02		3.5E+01		1.3E-02	4.3E-05					
1.1E+01	P				-1.01	1	1	Yes				Yes	Dimethylhydrazine, 1,1-Dimethylhydrazine, 1,2-Dimethylphenol, 2,4-Dimethylphenol, 2,6-Dimethylphenol, 3,4-Dimethylvinylchloride	57-14-7 540-73-8 105-67-9 976-26-1 95-65-8 513-97-1	1.4E-04	5.0E-02	3.5E-05	2.8E-05	2.0E+03	1.8E+06	6.3E+01	6.1E+01		1.1E+01		1.3E-02	9.3E-07			
5.5E+02	C 1.6E-01	C			-0.54	1	1	Yes				Yes	Dinitro- <i>o</i> -cresol, 4,6-Dinitro- <i>o</i> -cyclohexyl Phenol, 4,6-Dinitrobenzene, 1,2-Dinitrobenzene, 1,3-Dinitrobenzene, 1,4-Dinitrobenzene, 2,4-Dinitrophenol, 2,4,6-Dinitrotoluene Mixture, 2,4,6-Dinitrotoluene, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, 2-Amino-4,6-Dinitrotoluene, 4-Amino-2,6-Dinitrotoluene, Technical grade	57-14-7 540-73-8 105-67-9 976-26-1 95-65-8 513-97-1 534-52-1 131-89-5 528-29-0 99-65-0 100-25-4 51-28-5	1.4E-04	5.0E-02	3.5E-05	2.8E-05	4.0E+02	3.1E+03		3.6E+02		1.2E+01	8.5E+01	1.1E+01	1.8E+01		1.3E-02	6.5E-09
4.5E-02	C 1.3E-05	C			2.3	1	1	Yes				Yes	Dinitro- <i>o</i> -cresol, 4,6-Dinitro- <i>o</i> -cyclohexyl Phenol, 4,6-Dinitrobenzene, 1,2-Dinitrobenzene, 1,3-Dinitrobenzene, 1,4-Dinitrobenzene, 2,4-Dinitrophenol, 2,4,6-Dinitrotoluene Mixture, 2,4,6-Dinitrotoluene, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, 2-Amino-4,6-Dinitrotoluene, 4-Amino-2,6-Dinitrotoluene, Technical grade	57-14-7 540-73-8 105-67-9 976-26-1 95-65-8 513-97-1 534-52-1 131-89-5 528-29-0 99-65-0 100-25-4 51-28-5	1.7E+00	6.5E+00	4.3E-01	3.3E-01	1.2E+01	1.7E+02		1.8E+01		1.1E+01	1.8E+01		1.1E+01		2.1E-02	4.2E-01
					2.13	1	1	Yes				Yes	Dinitro- <i>o</i> -cresol, 4,6-Dinitro- <i>o</i> -cyclohexyl Phenol, 4,6-Dinitrobenzene, 1,2-Dinitrobenzene, 1,3-Dinitrobenzene, 1,4-Dinitrobenzene, 2,4-Dinitrophenol, 2,4,6-Dinitrotoluene Mixture, 2,4,6-Dinitrotoluene, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, 2-Amino-4,6-Dinitrotoluene, 4-Amino-2,6-Dinitrotoluene, Technical grade	57-14-7 540-73-8 105-67-9 976-26-1 95-65-8 513-97-1 534-52-1 131-89-5 528-29-0 99-65-0 100-25-4 51-28-5	1.7E+00	6.5E+00	4.3E-01	3.3E-01	1.2E+01	1.7E+02		1.8E+01		1.1E+01	1.8E+01		1.1E+01		2.1E-02	4.2E-01
6.8E-01	I				2.18	1	1	Yes				Yes	Dinitro- <i>o</i> -cresol, 4,6-Dinitro- <i>o</i> -cyclohexyl Phenol, 4,6-Dinitrobenzene, 1,2-Dinitrobenzene, 1,3-Dinitrobenzene, 1,4-Dinitrobenzene, 2,4-Dinitrophenol, 2,4,6-Dinitrotoluene Mixture, 2,4,6-Dinitrotoluene, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, 2-Amino-4,6-Dinitrotoluene, 4-Amino-2,6-Dinitrotoluene, Technical grade	57-14-7 540-73-8 105-67-9 976-26-1 95-65-8 513-97-1 534-52-1 131-89-5 528-29-0 99-65-0 100-25-4 51-28-5	1.7E+00	6.5E+00	4.3E-01	3.3E-01	1.2E+01	1.7E+02		1.8E+01		1.1E+01	1.8E+01		1.1E+01		2.1E-02	4.2E-01
3.1E-01	C 8.9E-05	C			1.98	1	1	Yes				Yes	Dinitrotoluene Mixture, 2,4,6-Dinitrotoluene, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, 2-Amino-4,6-Dinitrotoluene, 4-Amino-2,6-Dinitrotoluene, Technical grade	57-14-7 540-73-8 105-67-9 976-26-1 95-65-8 513-97-1 534-52-1 131-89-5 528-29-0 99-65-0 100-25-4 51-28-5	1.1E-01	1.5E+00		1.1E-01	4.0E+01	7.5E+02		3.8E+01		5.7E+00		1.5E-04	3.2E-04			
1.5E+00	P				2.1	1	1	Yes				Yes	Dinitrotoluene, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, 2-Amino-4,6-Dinitrotoluene, 4-Amino-2,6-Dinitrotoluene, Technical grade	57-14-7 540-73-8 105-67-9 976-26-1 95-65-8 513-97-1 534-52-1 131-89-5 528-29-0 99-65-0 100-25-4 51-28-5	2.5E-01	4.3E+00		2.4E-01	6.0E+00	9.3E+01		5.7E+00		3.8E+01		6.7E-05				
					1.84	1	1	Yes				Yes	Dinitrotoluene, 2-Amino-4,6-Dinitrotoluene, 4-Amino-2,6-Dinitrotoluene, Technical grade	57-14-7 540-73-8 105-67-9 976-26-1 95-65-8 513-97-1 534-52-1 131-89-5 528-29-0 99-65-0 100-25-4 51-28-5	5.2E-02	7.4E-01		4.9E-02	4.0E+01	1.0E+03		3.9E+01		3.9E+01		3.0E-02				
4.5E-01	X				1.84	1	1	Yes				Yes	Dinitrotoluene, 2-Amino-4,6-Dinitrotoluene, 4-Amino-2,6-Dinitrotoluene, Technical grade	57-14-7 540-73-8 105-67-9 976-26-1 95-65-8 513-97-1 534-52-1 131-89-5 528-29-0 99-65-0 100-25-4 51-28-5	1.7E-01	2.6E-01		1.0E-01	4.0E+01	1.0E+03		3.9E+01		3.9E+01		3.0E-02				
1.0E-01	I 5.0E-06	I 3.0E-02	I 3.0E-02	I V	2.18	1	0.8	Yes				Yes	Dinitrotoluene, 2-Amino-4,6-Dinitrotoluene, 4-Amino-2,6-Dinitrotoluene, Technical grade	57-14-7 540-73-8 105-67-9 976-26-1 95-65-8 513-97-1 534-52-1 131-89-5 528-29-0 99-65-0 100-25-4 51-28-5	1.8E+01	3.0E+01		1.0E-01	1.8E+01	3.0E+01		1.1E+01		1.1E+01		1.4E-04				
					3.56	1	0.9	Yes				Yes	Dinoseb	88-85-7	2.0E+01	5.4E+01		1.0E-01	2.0E+01	5.4E+01		1.5E+01		7.0E+00	1.3E-01	6.2E-02				
1.0E-01	I 5.0E-06	I 3.0E-02	I 3.0E-02	I V	-0.27	1	1	Yes				Yes	Dioxane, 1,4-Dioxins	123-91-1	7.8E-01	2.3E+02	1.1E+00	4.6E-01	6.0E+02	1.9E+05	6.3E+01	5.7E+01		9.4E-05						
6.2E+03	I 1.3E+00	I			8.21	1	0	No				No	Hexachlorobenzene-p-dioxin, Mixture	NA	1.3E-05			1.3E-05	1.4E-05		8.3E-05	1.2E-05	3.0E-05	1.8E-05	5.9E-08	1.5E-05				
1.3E+05	C 3.8E+01	C			6.8	1	0.5	No				No	TCDD, 2,3,7,8-Diphenamid	1746-01-6 957-51-7	6.0E-07		1.5E-07	1.2E-07	6.0E+02	4.2E+03		5.3E+02		5.2E+00						
					2.4	1	1	Yes				Yes	Diphenyl Sulfone	127-63-9					1.6E+01	2.0E+02		1.5E+01		3.6E-02						
8.0E-01	I 2.2E-04	I			3.5	1	1	Yes				Yes	Diphenylamine	122-39-4	9.7E-02	3.9E-01		7.8E-02	5.0E+02	8.4E+02		3.1E+02		5.8E-01	2.5E-04					
					2.94	1	1	Yes				Yes	Diphenylhydrazine, 1,2-Diquat	122-66-7 85-00-7					1.6E+01	2.0E+02		3.1E+02		5.8E-01	2.5E-04					
7.1E+00	C 1.4E-01	C			-4.6	1	1	No				No	Direct Black 38	1937-37-7	1.1E-02			1.1E-02	4.4E+01			4.4E+01	2.0E+01	8.3E-01	3.8E-01					
7.4E+00	C 1.4E-01	C			4.9	1	1	No				No	Direct Blue 6	2602-46-2	1.1E-02			1.1E-02												

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-06				Noncancer CHILD Hazard Index (HI) = 1				Protection of Groundwater					
SFO (mg/kg-day) ¹	k _e IUR (ug/m ³ -day) ¹	k _e RfD _a (mg/kg-day) ¹	k _e RfC _i (mg/m ³) ¹	k _e v o mutagen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1E-06 (ug/L)	Dermal SL TR=1E-06 (ug/L)	Inhalation SL TR=1E-06 (ug/L)	Carcinogenic SL TR=1E-06 (ug/L)	Ingestion SL THQ=1 (ug/L)	Dermal SL THQ=1 (ug/L)	SL THQ=1 (ug/L)	Noncarcinogenic SL Child TH=1 (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)				
		9.0E-02	P	2.0E-01	I	V		-0.32	1	1	Yes	Ethoxyethanol, 2-	110-80-5					1.8E+03	6.3E+05	4.2E+02	3.4E+02		6.8E-02		
		9.0E-01	I	7.0E-02	P	V		0.73	1	1	Yes	Ethyl Acetate	141-78-6					1.8E+04	1.2E+06	1.5E+02	1.4E+02		3.1E-02		
		5.0E-03	P	8.0E-03	P	V		1.32	1	1	Yes	Ethyl Acrylate	140-88-5					1.0E+02	3.0E+03	1.7E+01	1.4E+01		3.2E-03		
		2.0E-01	I	1.0E+01	I	V		1.43	1	1	Yes	Ethyl Chloride (Chloroethane)	75-00-3					4.0E+03	2.0E+05	2.1E+04	2.1E+04		5.9E+00		
								0.89	1	1	Yes	Ethyl Ether	60-29-7								3.9E+03		8.8E-01		
								1.94	1	1	Yes	Ethyl Methacrylate	97-63-2								6.3E+02		1.5E-01		
1.1E-02	C	2.5E-06	C	1.0E-05	I			4.78	1	0.8	Yes	Ethyl-p-nitrophenyl Phosphonate	2104-64-5	7.1E+00	1.2E+01	2.2E+00	1.5E+00	2.0E-01	1.6E-01		8.9E-02	7.0E+02	2.8E-03		
				1.0E-01	I	1.0E+00	I	V	3.15	1	1	Yes	Ethylbenzene	100-41-4					2.0E+03	3.8E+03	2.1E+03	8.1E+02		1.7E-03	
				7.0E-02	P			-0.94	1	1	Yes	Ethylene Cyanohydrin	109-78-4					1.4E+03	1.1E+06		1.4E+03		2.8E-01		
				9.0E-02	P			-2.04	1	1	No	Ethylene Diamine	107-15-3					1.8E+03			1.8E+03		4.2E-01		
				2.0E+00	I	4.0E-01	C	-1.36	1	1	Yes	Ethylene Glycol	107-21-1					4.0E+04	5.7E+07		4.0E+04		8.1E+00		
				1.0E-01	I	1.6E+00	I	0.83	1	1	Yes	Ethylene Glycol Monobutyl Ether	111-76-2					2.0E+03	1.4E+05		2.0E+03		4.1E-01		
3.1E-01	C	8.8E-05	C					3.0E-02	C	V		-0.3	1	1	Yes	Ethylene Oxide	75-21-8	2.5E-01	5.4E+01	6.4E-02	5.1E-02		6.3E+01	6.3E+01	1.1E-05
4.5E-02	C	1.3E-05	C					8.0E-05	I			-0.66	1	1	Yes	Ethylene Thiourea	96-45-7	1.7E+00	1.0E+03		1.7E+00		1.6E+00	3.6E-04	
6.5E+01	C	1.9E-02	C						V			-0.28	1	1	Yes	Ethyleneimine	151-56-4	1.2E-03	2.5E-01	3.0E-04	2.4E-04		1.6E+00	5.2E-08	
				3.0E+00	I			2.19	1	1	Yes	Ethylphthalyl Ethyl Glycolate	84-72-0					6.0E+04	1.5E+06		5.8E+04		1.3E+02		
				2.5E-04	I			3.23	1	0.9	Yes	Fenamiphos	22224-92-6					5.0E+00	3.4E+01		4.4E+00		4.4E-03		
				2.5E-02	I			5.7	1	0.8	Yes	Fenpropathrin	39515-41-8					5.0E+02	7.3E+01		6.4E+01		2.9E+00		
				2.5E-02	I			6.2	1	0.7	No	Fenvalerate	51630-58-1					5.0E+02			5.0E+02		3.2E+02		
				1.3E-02	I			2.42	1	1	Yes	Fluometuron	2164-17-2					2.6E+02	3.4E+03		2.4E+02		1.9E-01		
				4.0E-02	C	1.3E-02	C					1.1	1	Yes	Fluoride	16984-48-8				8.0E+02	1.8E+05		8.0E+02		1.2E+02
				6.0E-02	I	1.3E-02	C					1	1	Yes	Fluorine (Soluble Fluoride)	7782-41-4						1.2E+03	4.0E+03	1.8E+02	
				8.0E-02	I			3.16	1	0.9	Yes	Fluridone	59756-60-4					1.6E+03	1.4E+04		1.4E+03		1.6E+02		
				2.0E-02	I			3.34	1	0.9	Yes	Flurprimidol	56425-91-3					4.0E+02	2.4E+03		3.4E+02		1.6E+00		
				7.0E-04	I			3.7	1	0.9	Yes	Flusilazole	85509-19-9					1.4E+01	5.0E+01		1.1E+01		1.8E+00		
				6.0E-02	I			3.7	1	0.9	Yes	Flutolanil	66332-96-5					1.2E+03	4.5E+03		9.5E+02		5.0E+00		
				1.0E-02	I			6.81	1	0.6	No	Fluvalinate	69409-94-5					2.0E+02			2.0E+02		2.9E+02		
3.5E-03	I			1.0E-01	I			2.85	1	1	Yes	Folpet	133-07-3	2.2E+01	2.1E+02		2.0E+01	2.0E+03	2.1E+04		1.8E+03		4.7E-03		
1.9E-01	I			2.0E-03	I			2.9	1	1	Yes	Fomesafen	72178-02-0	4.1E-01	9.1E+00		3.9E-01						1.3E-03		
				2.0E-03	I			3.94	1	0.9	Yes	Fonofos	944-22-9					4.0E+01	6.3E+01		2.4E+01		4.7E-02		
		1.3E-05	I	2.0E-01	I	9.8E-03	A	V	0.35	1	1	Yes	Formaldehyde	50-00-0			4.3E-01	4.3E-01	4.0E+03	3.2E+05	2.0E+01	2.0E+01		8.7E-05	
				9.0E-01	P	3.0E-04	X	V	-0.54	1	1	Yes	Formic Acid	64-18-6				1.8E+04	6.4E+06	6.3E-01	6.3E-01		1.3E-04		
				3.0E+00	I			-2.4	1	1	No	Formyl-AL	39148-24-8					6.0E+04			6.0E+04		7.9E-02		
				1.0E-03	X			4.12	1	1	Yes	Furans	132-64-9					2.0E+01	1.3E+01		7.9E+00		1.5E-01		
				1.0E-03	I			1.34	1	1	Yes	*Furan	110-90-9					2.0E+01	4.8E+02		1.9E+01		7.3E-03		
3.8E+00	H			9.0E-01	I	2.0E+00	I	V	0.46	1	1	Yes	*Tetrahydrofuran	109-99-9	2.1E-02	1.0E+01		2.0E-02	1.8E+04	1.7E+06	4.2E+03	3.4E+03		7.5E-01	
				3.0E-03	I	5.0E-02	H	V	-0.04	1	1	Yes	Furazolidone	67-45-8					6.0E+01	7.1E+03	1.0E+02	3.8E+01		3.9E-05	
								0.41	1	1	Yes	Furfural	98-01-1										8.1E-03		
1.5E+00	C	4.3E-04	C					1.8	1	1	Yes	Furium	531-82-8	5.2E-02	1.9E+00		5.1E-02	8.0E+00					6.9E-05		
3.0E-02	I	8.6E-06	C					4.38	1	0.9	Yes	Furmecyclox	60568-05-0	2.6E+00	2.0E+00		1.1E+00						1.2E-03		
				4.0E-04	I			-4.81	1	1	No	Glufosinate, Ammonium	77182-82-2					8.0E+00			8.0E+00		1.8E-03		
				8.0E-05	C			-0.33	1	1	Yes	Glutaraldehyde	111-30-8					8.0E+00	1.8E+03	2.1E+00	1.7E+00		3.3E-04		
				4.0E-04	I	1.0E-03	H	V	-0.12	1	1	Yes	Glycidyl	765-34-4				2.0E+03			2.0E+03	7.0E+02	8.8E+00		
				1.0E-01	I			-3.4	1	1	No	Glyphosate	1071-83-6										3.1E+00		
				1.0E-02	X			-1.63	1	1	Yes	Guanidine	143-00-8					2.0E+02	4.2E+05		2.0E+02		4.5E-02		
				2.0E-02	P			-3.56	1	1	No	Guanidine Chloride	50-01-1					4.0E+02			4.0E+02				
				5.0E-05	I			4.07	1	0.9	Yes	Haloxypol, Methyl	69806-40-2					1.0E+00	3.1E+00		7.6E-01		8.4E-03		
4.5E+00	I	1.3E-03	I	5.0E-04	I			6.1	1	0.8	Yes	Heptachlor	76-44-8	1.7E-02	2.3E-03	4.3E-03	1.4E-03	1.0E+01	1.5E+00		1.3E+00	4.0E-01	1.2E-04		
9.1E+00	I	2.6E-03	I	1.3E-05	I			4.98	1	0.8	Yes	Heptachlor Epoxide	1024-57-3	8.6E-03	7.1E-03	2.2E-03	1.4E-03	2.6E-01	2.4E-01		1.2E-01	2.0E-01	2.8E-05		
				2.0E-03	I			6.07	1	0.7	No	Hexabromobenzene	87-82-1					4.0E+01			4.0E+01		2.3E-01		
				2.0E-04	I			1	0	No	Hexabromodiphenyl ether, 2,2',4,4',5,5'-(BDE-153)	68631-49-2					4.0E+00			4.0E+00					
1.6E+00	I	4.6E-04	I	8.0E-04	I			5.73	1	0.9	No	Hexachlorobenzene	118-74-1	4.9E-02		1.2E-02	9.8E-03	1.6E+01			1.6E+01	1.0E+00	1.2E-04		
7.8E-02	I	2.2E-05	I	1.0E-03	P			4.78	1	0.9	Yes	Hexachlorobutadiene	87-68-3	1.0E+00	4.4E-01	2.6E-01	1.4E-01	2.0E+01	9.5E+00		6.5E+00		2.7E-04		
6.3E+00	I	1.8E-03	I	8.0E-03	A			3.8	1	0.9	Yes	Hexachlorocyclohexane, Alpha-	319-84-6	1.2E-02	1.8E-02		7.2E-03	1.6E+02	2.5E+02		9.7E+01		4.2E-05		
1.8E+00	I	5.3E-04	I					3.78	1	0.9	Yes	Hexachlorocyclohexane, Beta-	319-85-7	4.3E-02	6.1E-02		2.5E-02						1.5E-04		
1.1E+00	C	3.1E-04	C	3.0E-04	I			3.72	1	0.9	Yes	Hexachlorocyclohexane, Gamma-(Lindane)	58-89-9	7.1E-02	1.0E-01		4.2E-02	6.0E+00	9.3E+00		3.6E+00	2.0E-01	2.4E-04		
1.8E+00	I	5.1E-04	I																						

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-06				Noncancer CHILD Hazard Index (HI) = 1				Protection of Groundwater		
SFO (mg/kg-day) ¹	k _e IUR (ug/m ³) ¹	k _e RfD _a (mg/kg-day)	k _e RfC _a (mg/m ³) ¹	k _e LOAEL muta- gen	LOGP	GIABS	FA	In EPD?	AnalYTE	CAS No.	Ingestion SL TR=1E-06 (ug/L)	Dermal SL TR=1E-06 (ug/L)	Inhalation SL TR=1E-06 (ug/L)	Carcinogenic SL TR=1E-06 (ug/L)	Ingestion SL THQ=1 (ug/L)	Dermal SL THQ=1 (ug/L)	SL THQ=1 (ug/L)	Noncarcinogenic SL Child THI=1 (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)	
6.0E-02	P	4.0E-02	P		0.59	1	1	Yes	Hydroquinone	123-31-9	1.3E+00	1.2E+02		1.3E+00	8.0E+02	7.9E+04		7.9E+02		8.8E-04	2.3E+00	
		1.3E-02	I		3.82	1	0.9	Yes	Imazalil	35554-44-0					2.6E+02	6.8E+02		1.9E+02		1.9E+02	2.5E+01	
		2.5E-01	I		1.86	1	1	Yes	Imazaquin	81335-37-7					5.0E+03	2.6E+05		4.9E+03		4.1E+00	1.2E+01	
		2.5E-01	I		1.49	1	1	Yes	Imazethapyr	81335-77-5					5.0E+03	7.2E+04		4.7E+03		4.1E+00	1.2E+01	
		1.0E-02	A		2.49	1	1	Yes	Iodine	7553-56-2					2.0E+02	4.6E+04		2.0E+02		1.2E+01	2.3E-01	
		4.0E-02	I		3	1	0.9	Yes	Iprodione	36734-19-7					8.0E+02	9.1E+03		7.4E+02		1.2E+01	2.3E-01	
		7.0E-01	P			1	1	Yes	Iron	7439-89-6					1.4E+04	3.2E+06		1.4E+04		3.5E+02	1.2E+00	
		3.0E-01	I		0.76	1	1	Yes	Isobutyl Alcohol	78-83-1					6.0E+03	3.6E+05		5.9E+03		1.2E+00	2.6E-02	
9.5E-04	I	2.0E-01	I	2.0E+00	C	1.7	1	1	Yes	Isophorone	78-59-1	8.2E+01	1.6E+03		7.8E+01	4.0E+03	8.6E+04		3.8E+03		1.2E+00	2.6E-02
		1.5E-02	I		5.8	1	0.8	Yes	Isopropalin	33820-53-0					3.0E+02	4.6E+01		4.0E+01		9.2E-01	8.4E-02	
		2.0E+00	P	2.0E-01	P	0.05	1	1	Yes	Isopropanol	67-63-0				4.0E+04	6.5E+06	4.2E+02	4.1E+02		8.4E-02	4.3E-01	
		1.0E-01	I		0.27	1	1	Yes	Isopropyl Methyl Phosphonic Acid	1832-54-8					2.0E+03	3.9E+05		2.0E+03		1.2E+00	2.6E-02	
		5.0E-02	I		3.94	1	0.9	Yes	Isoxaben	82558-50-7					1.0E+03	2.7E+03		7.3E+02		2.0E+00	1.2E+00	
		2.0E-03	I	3.0E-01	A	8	1	0	No	JP-7	NA				4.0E+01	6.7E+01	6.3E+02	6.3E+02		1.2E+00	2.6E-02	
					4.81	1	0.9	Yes	Lactofen	77501-63-4					4.0E+01	6.7E+01		2.5E+01		1.2E+00	2.6E-02	
									Lead Compounds													
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C	M	0.025	1	Yes			5.0E-02	2.3E-01		4.1E-02	4.0E+02	2.3E+03	3.4E+02		
8.5E-03	C	1.2E-05	C			1	0.8	Yes	*Lead Chromate	7758-97-6	9.2E+00	1.7E+03		9.1E+00								
									*Lead Phosphate	7446-27-7												
2.8E-01	C	8.0E-05	C			-0.08	1	1	Yes	*Lead acetate	301-04-2			2.8E-01	2.8E+02							
									*Lead and Compounds	7439-92-1												
8.5E-03	C	1.2E-05	C			-4	1	1	No	*Lead subacetate	1335-32-6			9.2E+00	9.2E+00				1.5E+01	1.5E+01		1.4E+01
		1.0E-07	I		4.15	1	0.9	Yes	*Tetraethyl Lead	78-00-2					2.0E-03	3.8E-03		1.3E-03		4.7E-06	3.8E-05	
		5.0E-06	P		2.56	1	1	Yes	Lewisite	541-25-3					1.0E-01	9.1E-01		9.0E-02		2.9E-02	1.2E+01	
		2.0E-03	I		3.2	1	0.9	Yes	Linuron	330-55-2					4.0E+01	2.0E+02		3.3E+01		1.2E+01	2.0E-03	
		2.0E-03	P			1	1	Yes	Lithium	7439-93-2					4.0E+01	9.1E+03		4.0E+01		2.0E-03	5.8E-02	
		5.0E-04	I		3.25	1	1	Yes	MCPA	94-74-6					1.0E+01	3.0E+01		7.5E+00		1.2E+01	2.0E-03	
		1.0E-02	I		2.79	1	0.9	Yes	MCPB	94-81-5					2.0E+02	5.5E+02		1.5E+02		1.2E+01	2.0E-03	
		1.0E-03	I		3.13	1	1	Yes	MCPP	95-65-3					2.0E+01	7.1E+01		1.6E+01		1.0E-01	3.9E-01	
		2.0E-02	I		2.36	1	1	Yes	Malathion	121-75-5					4.0E+02	1.1E+04		3.9E+02		1.0E-01	3.9E-01	
		1.0E-01	I	7.0E-04	C	1.62	1	1	Yes	Maleic Anhydride	108-31-6				2.0E+03	3.8E+04		1.9E+03		1.0E-01	3.9E-01	
		5.0E-01	I		-0.84	1	1	Yes	Maleic Hydrazide	123-33-1					1.0E+04	8.9E+06		1.0E+04		2.1E+00	4.1E-04	
		1.0E-04	P		-0.6	1	1	Yes	Malononitrile	109-77-3					2.0E+00	9.2E+02		2.0E+00		4.1E-04	7.6E-01	
		3.0E-02	H		1.33	1	0.9	Yes	Mancozeb	8018-01-7					6.0E+02	4.9E+03		5.4E+02		1.4E-01	2.8E+01	
		5.0E-03	I		0.62	1	1	Yes	Maneb	1427-38-2					1.0E+02	3.6E+03		9.8E+01		1.4E-01	2.8E+01	
		1.4E-01	I	5.0E-05	I		1	1	Yes	Manganese (Diet)	7439-96-5											
		2.4E-02	S	5.0E-05	I		0.04	1	Yes	Manganese (Non-diet)	7439-96-5											
		9.0E-05	H		1.04	1	1	Yes	Mepfosolan	950-10-7					4.8E+02	4.4E+03		4.3E+02		2.8E+01	2.6E-03	
		3.0E-02	I		-2.82	1	1	No	Mepiquat Chloride	24307-26-4					6.0E+02			6.0E+02		2.0E-01	2.0E-01	
									Mercury Compounds													
		3.0E-04	I	3.0E-04	S	-0.22	0.07	1	Yes	*Mercuric Chloride (and other Mercury salts)	7487-94-7				6.0E+00	9.6E+01		5.7E+00	2.0E+00	3.3E-02	1.0E-01	
						0.62	1	1	Yes	*Mercury (elemental)	7439-97-6				2.0E+00	4.6E+02	6.3E-01	6.3E-01	2.0E+00			
		1.0E-04	I			1	1	Yes	*Methyl Mercury	27967-92-6					2.0E+00	4.6E+02		2.0E+00				
		8.0E-05	I		0.71	1	1	Yes	*Phenylmercuric Acetate	62-38-4					1.6E+00	5.7E+02		1.6E+00		5.0E-04	5.9E-02	
		3.0E-05	I		7.67	1	0.3	No	Merphos	150-50-5					6.0E-01			6.0E-01		4.2E-04	4.2E-04	
		3.0E-05	I		5.7	1	0.9	Yes	Merphos Oxide	78-48-8					6.0E-01	9.9E-02		8.5E-02		4.2E-04	4.2E-04	
		6.0E-02	I		1.65	1	1	Yes	Metalaxyl	57837-19-1					1.2E+03	6.4E+04		1.2E+03		3.3E-01	4.4E-04	
		1.0E-04	I	3.0E-02	P	0.68	1	1	Yes	Methacrylonitrile	126-98-7				2.0E+00	1.3E+02	6.3E+01	1.9E+00		4.4E-04	2.1E-04	
		5.0E-05	I		-0.8	1	1	Yes	Methamidophos	10265-92-6					1.0E+00	1.0E+03		1.0E+00		2.1E-04	2.1E-04	
		2.0E+00	I	2.0E+01	I	-0.77	1	1	Yes	Methanol	67-56-1				4.0E+04	1.8E+07	4.2E+04	2.0E+04		4.1E+00	4.1E+00	
		1.0E-03	I		2.2	1	1	Yes	Methidathion	950-37-8					2.0E+01	5.8E+02		1.9E+01		4.7E-03	1.1E-01	
		2.5E-02	I		0.6	1	1	Yes	Methylol	16752-77-5					5.0E+02	6.8E+04		5.0E+02		1.1E-01	1.1E-01	
4.9E-02	C	1.4E-05	C		1.47	1	1	Yes	Methoxy-S-nitroaniline, 2-	99-59-2	1.6E+00	5.4E+01		1.5E+00	1.0E+02	5.9E+01		3.7E+01	4.0E+01	5.3E-04	2.0E+00	
		5.0E-03	I		5.08	1	0.8	Yes	Methoxychlor	72-43-5					1.6E+02	3.5E+04	2.1E+00	2.1E+00		4.2E-04	4.2E-04	
		8.0E-03	P	1.0E-03	P	0.1	1	1	Yes	Methoxyethanol Acetate, 2-	110-49-6				1.0E+02	6.3E+04	4.2E+01	2.9E+01		6.0E-03	4.1E+00	
		5.0E-03	P	2.0E-02	I	-0.77	1	1	Yes	Methoxyethanol, 2-	109-86-4				2.0E+04	2.9E+06		4.2E+01		8.9E-03	8.9E-03	
		1.0E+00	X		0.18	1	1	Yes	Methyl Acetate	79-20-9					2.0E+04	2.9E+06		2.0E+04		4.1E+00	4.1E+00	
					0.8	1	1	Yes	Methyl Acrylate	96-33-3							4.2E+01	4.2E+01		8.9E-03	8.9E-03	
		6.0E-01	I	5.0E+00	I	0.29	1	1	Yes	Methyl Ethyl Ketone (2-Butanone)	78-93-3				1.2E+04	1.5E+06	1.0E+04	5.6E+03		1.2E+00	1.3E-06	
		1.0E-03	P	3.0E-05	X	-1.05	1	1	Yes	Methyl Hydrazine	60-34-4		5.6E-03	5.6E-03	2.0E+01	1.5E+04	4.2E-02	4.2E-02		1.3E-06	1.4E-00	
					1.31	1	1	Yes	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1												

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-06				Noncancer CHILD Hazard Index (HI) = 1				Protection of Groundwater		
SFO (mg/kg-day) ¹	k _e IUR (ug/m ³ -day) ¹	k _e RfD _a (mg/kg-day)	k _e RfC _a (mg/m ³ -day)	k _e I _o (mg/m ³ -day)	mutagen	LOGP	GIABS	FA	IN EPD?	Analyte	CAS No.	Ingestion SL TR=1E-06 (ug/L)	Dermal SL TR=1E-06 (ug/L)	Inhalation SL TR=1E-06 (ug/L)	Carcinogenic SL TR=1E-06 (ug/L)	Ingestion SL THQ=1 (ug/L)	Dermal SL THQ=1 (ug/L)	SL Child THQ=1 (ug/L)	Noncancer Child TH=1 (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)
2.0E-03	I 1.0E-08	I 6.0E-03	I 6.0E-01	I V M		1.25	1	1	Yes	Methylene Chloride	75-09-2	1.3E+01	3.5E+02	2.0E+02	1.1E+01	1.2E+02	3.7E+03	1.3E+03	1.1E+02	5.0E+00	2.9E-03	1.3E-03
1.0E-01	P 4.3E-04	C 2.0E-03	P		M	3.91	1	0.9	Yes	Methylene-bis(2-chloroaniline), 4,4'	101-14-4	2.5E-01	4.3E-01		1.6E-01	4.0E+01	7.5E+01		2.6E+01		1.8E-03	
4.6E-02	I 1.3E-05	C				4.37	1	1	Yes	Methylene-bis(N,N-dimethyl) Aniline, 4,4'	101-61-1	1.7E+00	6.7E-01		4.8E-01						2.7E-03	
1.6E+00	C 4.6E-04	C				1.59	1	1	Yes	Methylenedisbenzamine, 4,4'	101-77-9	4.9E-02	1.7E+00		4.7E-02						2.1E-04	
						5.22	1	0.9	Yes	Methylenediphenyl Diisocyanate	101-68-8											
						3.48	1	1	Yes	Methylstyrene, Alpha-	98-83-9					1.4E+03	1.7E+03		7.8E+02		1.3E+00	
						3.13	1	1	Yes	Metolachlor	51218-45-2					3.0E+03	2.6E+04		2.7E+03		3.2E+00	
						1.7	1	1	Yes	Metribuzin	21087-64-9					5.0E+02	1.8E+04		4.9E+02		1.5E-01	
						2.2	1	1	Yes	Metsulfuron-methyl	74223-64-6					5.0E+03	2.4E+05		4.9E+03		1.9E+00	
1.8E+01	C 5.1E-03	C				6.1	1	1	No	Mineral oils	8012-95-1	4.3E-03		1.1E-03	8.8E-04	6.0E+04			6.0E+04		2.4E+03	
						6.89	1	0.5	No	Mirex	2385-85-5					4.0E+00			4.0E+00		6.3E-04	
						3.21	1	1	Yes	Molinate	2212-67-1					4.0E+01	1.2E+02		3.0E+01		1.7E-02	
						1	1	1	Yes	Molybdenum	7439-98-7					1.0E+02	2.3E+04		1.0E+02		2.0E+00	
						1	1	1	Yes	Monochloramine	10599-90-3					2.0E+03	4.6E+05		2.0E+03	4.0E+03		
						1.66	1	1	Yes	Monomethylaniline	100-61-8					4.0E+01	7.5E+02		3.8E+01		1.4E-02	
						2.94	1	1	Yes	Myclobutanol	88671-89-0					5.0E+02	4.7E+03		4.5E+02		5.6E+00	
						4.04	1	0.9	Yes	N,N'-Diphenyl-1,4-benzenediamine	74-31-7					6.0E+00	8.9E+00		3.6E+00		3.7E-01	
						1.38	1	1	Yes	Naled	300-76-5					4.0E+01	6.8E+03		4.0E+01		1.8E-02	
1.8E+00	C 0.0E+00	C				2.28	1	1	No	Naphtha, High Flash Aromatic (HFAN)	64742-95-6	4.3E-02	3.6E-01		3.9E-02	6.0E+02		2.1E+02	1.5E+02		2.0E-04	
						3.36	1	0.9	Yes	Naphthylamine, 2-	91-59-8					2.0E+03	9.0E+03		1.6E+03		1.1E+01	
						-1.38	1	1	Yes	Nickel Acetate	373-02-4					2.2E+02	6.8E+05		2.2E+02			
						-2.12	1	1	Yes	Nickel Carbonate	3333-67-3					2.2E+02	1.4E+06		2.2E+02			
						0	0	0	Yes	Nickel Carbonyl	13463-39-3			2.2E-02	2.2E-02	2.2E+02		2.9E-02	2.9E-02			
						0.04	1	1	Yes	Nickel Hydroxide	12054-48-7					2.2E+02	2.0E+03		2.0E+02			
						0.04	1	1	Yes	Nickel Oxide	1313-99-1					2.2E+02	2.0E+03		2.0E+02			
						0.04	0	0	Yes	Nickel Refinery Dust	NA					2.2E+02	1.0E+04		2.2E+02		3.2E+01	
						0.04	1	1	Yes	Nickel Soluble Salts	7440-02-0					4.0E+02	1.8E+04		3.9E+02		2.6E+01	
1.7E+00	C 4.8E-04	I 1.1E-02	C 1.4E-05	C		0.04	1	0	Yes	Nickel Subulfide	12035-72-2	4.8E-02	1.7E+00		4.5E-02	2.2E+02	1.0E+04		2.2E+02			
						0	0	0	Yes	Nickelocene	1271-28-9					2.2E+02			2.2E+02			
						1	1	1	Yes	Nitrate	14797-55-8					3.2E+04	7.3E+06		3.2E+04	1.0E+04		
						0	0	0	Yes	Nitrate + Nitrite (as N)	NA					2.0E+03	4.6E+05		2.0E+03	1.0E+04		
						1	1	1	Yes	Nitrite	14797-65-0					2.0E+03	4.6E+05		2.0E+03	1.0E+04		
2.0E-02	P					1.85	1	1	Yes	Nitroaniline, 2-	88-74-4	3.9E+00	1.2E+02		3.8E+00	2.0E+02	3.4E+03		1.9E+02		8.0E-02	
						1.39	1	1	Yes	Nitroaniline, 4-	100-01-6					8.0E+01	2.8E+03		7.8E+01		1.6E-03	
						1.85	1	1	Yes	Nitrobenzene	98-05-3			1.4E-01	1.4E-01	4.0E+01	6.2E+02	1.9E+01	1.3E+01		9.2E-05	
						-4.56	1	1	No	Nitrocellulose	9004-70-0					6.0E+07			6.0E+07		1.3E+04	
1.3E+00	C 3.7E-04	C				-0.47	1	1	Yes	Nitrofurantoin	67-20-8					1.4E+03	1.6E+06		1.4E+03		6.1E-01	
						0.23	1	1	Yes	Nitrofurazone	59-87-0	6.0E-02	1.7E+01		6.0E-02	1.4E+03	1.6E+06		1.4E+03		5.4E-05	
1.7E-02	P					1.62	1	1	Yes	Nitroglycerin	55-63-0	4.6E+00	1.8E+02		4.5E+00	2.0E+00	8.7E+01		2.0E+00		8.5E-04	
						-0.89	1	1	Yes	Nitroguanidine	556-88-7					2.0E+03	1.8E+06		2.0E+03		4.8E-01	
						-0.35	1	1	Yes	Nitromethane	75-52-5					1.0E+01	1.0E+01		1.0E+01		1.4E-04	
2.7E-03	H					0.93	1	1	Yes	Nitropropane, 2-	79-46-9			2.1E-03	2.1E-03	2.0E+02	3.4E+03		1.9E+02		5.5E-07	
2.7E+01	C 7.7E-03	C				0.23	1	1	Yes	Nitroso-N-ethylurea, N-	758-73-9	9.3E-04	1.5E-01		9.2E-04	2.0E+02	3.4E+03		1.9E+02		2.2E-07	
1.2E+02	C 3.4E-02	C				-0.03	1	1	Yes	Nitroso-N-methylurea, N-	684-93-5	2.1E-04	4.6E-02		2.1E-04	2.0E+02	3.4E+03		1.9E+02		4.6E-08	
5.4E+00	I 1.6E-03	I				2.63	1	1	Yes	Nitroso-di-N-butylamine, N-	923-16-3	1.4E-02	7.9E-02	3.5E-03	2.7E-03	2.0E+02	3.4E+03		1.9E+02		5.5E-06	
7.0E+00	I 2.0E-03	C				1.36	1	1	Yes	Nitroso-di-N-propylamine, N-	621-64-7	1.1E-02	3.5E-01		1.1E-02	2.0E+02	3.4E+03		1.9E+02		8.1E-06	
2.8E+00	I 8.0E-04	C				-1.28	1	1	Yes	Nitrosodiethanolamine, N-	1116-54-7	2.8E-02	8.1E+01		2.8E-02	2.0E+02	3.4E+03		1.9E+02		5.6E-06	
1.5E-02	I 4.3E-02	I				0.48	1	1	Yes	Nitrosodimethylamine, N-	55-18-5	1.7E-04	1.7E-02		1.7E-04	2.0E+02	3.4E+03		1.9E+02		6.1E-08	
5.1E+01	I 1.4E-02	I 8.0E-06	P 4.0E-05	X V M		-0.57	1	1	Yes	Nitrosodimethylamine, N-	62-75-9	4.9E-04	2.0E-01	1.4E-04	1.1E-04	1.6E-01	7.4E+01	8.3E-02	5.5E-02		2.8E-08	
4.9E-03	I 2.6E-06	C				3.13	1	1	Yes	Nitrosodiphenylamine, N-	86-30-6	1.6E+01	5.2E+01		1.2E+01	2.0E+02	3.4E+03		1.9E+02		6.7E-02	
2.2E+01	I 6.3E-03	C				0.04	1	1	Yes	Nitrosomethyllethylamine, N-	10595-95-6	3.5E-03	6.4E-01	8.9E-04	7.1E-04	2.0E+02	3.4E+03		1.9E+02		2.0E-07	
6.7E+00	C 1.9E-03	C				-0.44	1	1	Yes	Nitrosomorpholine [N-]	59-89-2	2.2E-02	5.3E+00		1.2E-02	2.0E+02	3.4E+03		1.9E+02		2.8E-06	
9.4E+00	C 2.7E-03	C				0.36	1	1	Yes	Nitrosopiperidine [N-]	100-75-4	8.3E-03	1.1E+00		8.2E-03	2.0E+02	3.4E+03		1.9E+02		4.4E-06	
2.1E+00	I 6.1E-04	I				-0.19	1	1	Yes	Nitrosopyrrolidine, N-	930-55-2	3.7E-02	1.0E+01		3.7E-02	2.0E+02	3.4E+03		1.9E+02		1.4E-05	
						2.45	1	1	Yes	Nitrotoluene, m-	99-08-1					2.0E+00	1.4E+01		1.7E+00		1.6E-03	
2.2E-01	P					2.3	1	1	Yes	Nitrotoluene, o-	88-72-2	3.5E-01	2.8E+00		3.1E-01	2.0E+00	1.5E+02		1.6E+01		3.0E-04	
1.6E-02	P					2.37	1	1	Yes	Nitrotoluene, p-	99-99-0	4.9E+00	3.4E+01		4.3E+00	2.0E+00	1.4E+01		1.7E+00		1.6E-03	
						5.65	1	1	No	Nonane, n-	111-84-2					6.0E+00	6.2E+02		7.1E+01		4.0E-03	
						2.3	1	1	Yes	Norfurazone	27314-13-2											

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Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 1				Protection of Groundwater				
SFO (mg/kg-day) ¹	k _e IUR (ug/m ³ -d) ¹	k _e RfD _c (mg/kg-day)	k _e RfC _c (mg/m ³ -d)	k _e V _c (ug/m ³ -d)	mutagen	LOGP	GIABS	FA	IN EPD?	Analyte	CAS No.	Ingestion SL TR=1E-06 (ug/L)	Dermal SL TR=1E-06 (ug/L)	Inhalation SL TR=1E-06 (ug/L)	Carcinogenic SL TR=1E-06 (ug/L)	Ingestion SL THQ=1 (ug/L)	Dermal SL THQ=1 (ug/L)	SL THQ=1 (ug/L)	Noncarcinogenic SL Child TH=1 (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)		
9.0E-02	P				V	3.22	1	1	Yes	Pentachloroethane	76-01-7	8.7E-01	2.5E+00		6.5E-01								3.1E-04	
2.6E-01	H	3.0E-03	I		V	4.64	1	0.9	Yes	Pentachloronitrobenzene	82-68-8	3.0E-01	2.0E-01		1.2E-01				2.6E+01				1.5E-03	
4.0E-01	I	5.1E-06	C	5.0E-03	I	5.12	1	0.9	Yes	Pentachlorophenol	87-86-5	1.9E-01	5.2E-02		4.1E-02	1.0E+02	2.9E+01		2.3E+01	1.0E+00			4.2E-04	
4.0E-03	X	2.0E-03	P	1.0E+00	P V	2.38	1	1	Yes	Pentaerythritol tetranitrate (PETN)	78-11-5	1.9E+01	4.3E+02		1.9E+01	4.0E+01	9.6E+02		3.9E+01				2.8E-02	
						3.39	1	1	Yes	Pentane, n- Perchlorates	109-66-0							2.1E+03	2.1E+03				1.0E+01	
		7.0E-04	I				1	1	Yes	*Ammonium Perchlorate	7790-98-9					1.4E+01	3.2E+03		1.4E+01					
		7.0E-04	I				1	1	Yes	*Lithium Perchlorate	7791-03-9					1.4E+01	3.2E+03		1.4E+01					
		7.0E-04	I				1	1	Yes	*Perchlorate and Perchlorate Salts	14797-73-0					1.4E+01	3.2E+03		1.4E+01	1.5E+01(F)				
		7.0E-04	I				1	1	Yes	*Potassium Perchlorate	7778-74-7					1.4E+01	1.6E+03		1.4E+01					
		7.0E-04	I				1	1	Yes	*Sodium Perchlorate	7601-89-0					1.4E+01	3.2E+03		1.4E+01					
		2.0E-02	P	V		2.41	1	1	Yes	Perfluorobutane Sulfonate	375-73-5					4.0E+02	8.3E+03		3.8E+02				2.1E-01	
		5.0E-02	I			6.5	1	0.6	No	Permethrin	52645-53-1								1.0E+03				2.4E+02	
2.2E-03	C	6.3E-07	C			1.58	1	1	Yes	Phenacetin	62-44-2	3.5E+01	1.1E+03		3.4E+01				4.0E+03					9.7E-03
		2.5E-01	I			3.59	1	0.9	Yes	Phenmedipham	13684-63-4					5.0E+03	1.9E+04		4.0E+03				2.1E+01	
		3.0E-01	I	2.0E-01	C	1.46	1	1	Yes	Phenol	108-95-2					6.0E+03	1.4E+05		5.8E+03					3.3E+00
		5.0E-04	X			4.15	1	1	Yes	Phenothiazine	92-84-2					1.0E+01	7.6E+00		4.3E+00					1.4E-02
		6.0E-03	I			-0.33	1	1	Yes	Phenylenediamine, m-	108-45-2					1.2E+02	4.8E+04		1.2E+02					3.2E-02
4.7E-02	H					0.15	1	1	Yes	Phenylenediamine, o-	95-54-5	1.7E+00	2.9E+02		1.6E+00				3.8E+03					4.4E-04
		1.9E-01	H			-0.3	1	1	Yes	Phenylenediamine, p-	106-50-3								3.8E+03					1.0E+00
1.9E-03	H					3.09	1	1	Yes	Phenylphenol, 2-	90-43-7	4.0E+01	1.2E+02		3.0E+01				3.8E+03					4.1E-01
		2.0E-04	H			3.56	1	0.9	Yes	Phorate	298-02-2					4.0E+00	1.2E+01		3.0E+00					3.4E-03
		3.0E-04	I V			-0.71	1	1	Yes	Phosgene	75-44-5													
		2.0E-02	I			2.78	1	1	Yes	Phosmet	732-11-6					4.0E+02	5.3E+03		3.7E+02					8.2E-02
		4.9E+01	P				1	1	Yes	Phosphates, Inorganic	13776-88-0					9.7E+05	2.2E+08		9.7E+05					
		4.9E+01	P				1	0	Yes	*Ammonium polyphosphate	68333-79-9					9.7E+05	2.2E+08		9.7E+05					
		4.9E+01	P				1	1	Yes	*Calcium pyrophosphate	7790-76-3					9.7E+05	2.2E+08		9.7E+05					
		4.9E+01	P				1	1	Yes	*Diammonium phosphate	7783-28-0					9.7E+05	2.2E+08		9.7E+05					
		4.9E+01	P				1	1	Yes	*Dicalcium phosphate	7757-93-9					9.7E+05	2.2E+08		9.7E+05					
		4.9E+01	P				1	1	Yes	*Dimagnesium phosphate	7782-75-4					9.7E+05	2.2E+08		9.7E+05					
		4.9E+01	P				1	1	Yes	*Dipotassium phosphate	7758-11-4					9.7E+05	2.2E+08		9.7E+05					
		4.9E+01	P				1	1	Yes	*Disodium phosphate	7558-79-4					9.7E+05	2.2E+08		9.7E+05					
		4.9E+01	P				1	1	Yes	*Monoaluminum phosphate	13530-50-2					9.7E+05	2.2E+08		9.7E+05					
		4.9E+01	P				1	1	Yes	*Monoammonium phosphate	7772-76-1					9.7E+05	2.2E+08		9.7E+05					
		4.9E+01	P				1	1	Yes	*Monocalcium phosphate	7784-73-8					9.7E+05	2.2E+08		9.7E+05					
		4.9E+01	P				1	1	Yes	*Monomagnesium phosphate	7757-86-0					9.7E+05	2.2E+08		9.7E+05					
		4.9E+01	P				1	1	Yes	*Monopotassium phosphate	7778-77-0					9.7E+05	2.2E+08		9.7E+05					
		4.9E+01	P				1	1	Yes	*Monosodium phosphate	7558-80-7					9.7E+05	2.2E+08		9.7E+05					
		4.9E+01	P				1	1	Yes	*Polyphosphoric acid	8017-16-1					9.7E+05	2.2E+08		9.7E+05					
		4.9E+01	P				1	0.9	Yes	*Potassium tripolyphosphate	13845-36-8					9.7E+05	2.2E+08		9.7E+05					
		4.9E+01	P				1	1	Yes	*Sodium acid pyrophosphate	7758-16-9					9.7E+05	2.2E+08		9.7E+05					
		4.9E+01	P				1	1	Yes	*Sodium aluminum phosphate (acidic)	7785-88-8					9.7E+05	2.2E+08		9.7E+05					
		4.9E+01	P				1	0	Yes	*Sodium aluminum phosphate (anhydrous)	10279-59-1					9.7E+05	2.2E+08		9.7E+05					
		4.9E+01	P				1	0.8	Yes	*Sodium aluminum phosphate (tetrahydrate)	10305-76-7					9.7E+05	2.2E+08		9.7E+05					
		4.9E+01	P				1	0.9	Yes	*Sodium hexametaphosphate	10124-56-8					9.7E+05	2.2E+08		9.7E+05					
		4.9E+01	P				1	1	Yes	*Sodium polyphosphate	68915-31-1					9.7E+05	2.2E+08		9.7E+05					
		4.9E+01	P				1	1	Yes	*Sodium trimetaphosphate	7785-84-4					9.7E+05	2.2E+08		9.7E+05					
		4.9E+01	P				1	1	Yes	*Sodium tripolyphosphate	7758-29-4					9.7E+05	2.2E+08		9.7E+05					
		4.9E+01	P				1	1	Yes	*Tetrapotassium phosphate	7320-34-5					9.7E+05	2.2E+08		9.7E+05					
		4.9E+01	P				1	1	Yes	*Tetrasodium pyrophosphate	7722-88-5					9.7E+05	2.2E+08		9.7E+05					
		4.9E+01	P				1	0.8	Yes	*Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate)	15136-87-5					9.7E+05	2.2E+08		9.7E+05					
		4.9E+01	P				1	1	Yes	*Tricalcium phosphate	7758-87-4					9.7E+05	2.2E+08		9.7E+05					
		4.9E+01	P				1	1	Yes	*Trimagnesium phosphate	7757-87-1					9.7E+05	2.2E+08		9.7E+05					
		4.9E+01	P				1	1	Yes	*Tripotassium phosphate	7778-53-2					9.7E+05	2.2E+08		9.7E+05					
		4.9E+01	P				1	1	Yes	*Trisodium phosphate	7601-54-9					9.7E+05	2.2E+08		9.7E+05					
		3.0E-04	I	3.0E-04	I V	-0.27	1	1	Yes	Phosphine	7803-51-2					6.0E+00	1.4E+03	6.3E-01	5.7E-01					
		4.9E+01	P	1.0E-02	I		1	1	Yes	Phosphoric Acid	7664-38-2					9.7E+05	2.2E+08		9.7E+05					
		2.0E-05	I		V	3.08	1	1	Yes	Phosphorus, White	7723-14-0					4.0E-01	9.1E+01		4.0E-01					1.5E-03
										Phthalates														
1.4E-02	I	2.4E-06	C	2.0E-02	I	7.6	1	0.8	No	*Bis(2-ethylhexyl)phthalate	117-81-7	5.6E+00			5.6E+00	4.0E+02			4.0E+02	6.0E+00				1.3E+00
		1.0E+00	I			4.15	1	0.9	Yes	*Butylphthalyl Butylglycolate	85-70-1					2.0E+04	4.1E+04							

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Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 1				Protection of Groundwater			
SFO (mg/kg-day) ¹	k _e IUR (ug/m ³) ²	k _e RfD _a (mg/kg-day)	k _e RfC _a (mg/m ³)	k _e LOAEL (ug/m ³)	mutagen	LOGP	GIABS	FA	IN EPD?	Analyte	CAS No.	Ingestion SL TR=1E-06 (ug/L)	Dermal SL TR=1E-06 (ug/L)	Inhalation SL TR=1E-06 (ug/L)	Carcinogenic SL TR=1E-06 (ug/L)	Ingestion SL Child THQ=1 (ug/L)	Dermal SL Child THQ=1 (ug/L)	SL Child THQ=1 (ug/L)	Noncarcinogenic SL Child TH=1 (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)	
2.0E+00	S 5.7E-04				V	4.65	1	1	Yes	*Aroclor 1221	11104-28-2	3.9E-02	1.2E-02	9.8E-03	4.7E-03							8.0E-05	
2.0E+00	S 5.7E-04				V	4.4	1	1	Yes	*Aroclor 1232	11141-16-5	3.9E-02	1.2E-02	9.8E-03	4.7E-03							8.0E-05	
2.0E+00	S 5.7E-04				V	6.34	1	0.7	No	*Aroclor 1242	53469-21-9	3.9E-02	1.2E-02	9.8E-03	7.8E-03							1.2E-03	
2.0E+00	S 5.7E-04				V	6.2	1	0	No	*Aroclor 1248	12672-29-6	3.9E-02		9.8E-03	7.8E-03							1.2E-03	
2.0E+00	S 5.7E-04	2.0E-05	I		V	6.5	1	0.5	No	*Aroclor 1254	11097-69-1	3.9E-02		9.8E-03	7.8E-03	4.0E-01			4.0E-01			2.1E-03	
2.0E+00	S 5.7E-04				V	7.55	1	0	No	*Aroclor 1260	11096-82-5	3.9E-02		9.8E-03	7.8E-03							5.5E-03	
3.9E+00	E 1.1E-03	2.3E-05	E 1.3E-03	E V		8.27	1	0	No	*Aroclor 5460	11126-42-4	2.0E-02		4.9E-03	4.0E-03	1.2E+01			1.2E+01			2.0E+00	
3.9E+00	E 1.1E-03	2.3E-05	E 1.3E-03	E V		7.5	1	0	No	*Heptachlorobiphenyl, 2,3,3',4,4',5,5'-(PCB 189)	39635-31-9	2.0E-02		4.9E-03	4.0E-03	4.7E-01		2.8E+00	4.0E-01			2.8E-03	
3.9E+00	E 1.1E-03	2.3E-05	E 1.3E-03	E V		7.5	1	0	No	*Hexachlorobiphenyl, 2,3',4,4',5,5'-(PCB 167)	52663-72-6	2.0E-02		4.9E-03	4.0E-03	4.7E-01		2.8E+00	4.0E-01			1.7E-03	
3.9E+00	E 1.1E-03	2.3E-05	E 1.3E-03	E V		7.6	1	0	No	*Hexachlorobiphenyl, 2,3,3',4,4',5,5'-(PCB 157)	69782-90-7	2.0E-02		4.9E-03	4.0E-03	4.7E-01		2.8E+00	4.0E-01			1.7E-03	
3.9E+00	E 1.1E-03	2.3E-05	E 1.3E-03	E V		7.6	1	0	No	*Hexachlorobiphenyl, 2,3,3',4,4',5,5'-(PCB 156)	38380-08-4	2.0E-02		4.9E-03	4.0E-03	4.7E-01		2.8E+00	4.0E-01			1.7E-03	
3.9E+03	E 1.1E+00	2.3E-08	E 1.3E-06	E V		7.41	1	0.1	No	*Hexachlorobiphenyl, 3,3',4,4',5,5'-(PCB 169)	32774-16-6	2.0E-05		4.9E-06	4.0E-06	4.7E-04		2.8E-03	4.0E-04			1.7E-06	
3.9E+00	E 1.1E-03	2.3E-05	E 1.3E-03	E V		6.98	1	0.4	No	*Pentachlorobiphenyl, 2,3,4,4',5-(PCB 123)	65510-44-3	2.0E-02		4.9E-03	4.0E-03	4.7E-01		2.8E+00	4.0E-01			1.0E-03	
3.9E+00	E 1.1E-03	2.3E-05	E 1.3E-03	E V		7.12	1	0.3	No	*Pentachlorobiphenyl, 2,3',4,4',5-(PCB 118)	31508-00-6	2.0E-02		4.9E-03	4.0E-03	4.7E-01		2.8E+00	4.0E-01			1.0E-03	
3.9E+00	E 1.1E-03	2.3E-05	E 1.3E-03	E V		6.79	1	0.5	No	*Pentachlorobiphenyl, 2,3,3',4,4'-(PCB 105)	32598-14-4	2.0E-02		4.9E-03	4.0E-03	4.7E-01		2.8E+00	4.0E-01			1.0E-03	
3.9E+00	E 1.1E-03	2.3E-05	E 1.3E-03	E V		6.98	1	0.4	No	*Pentachlorobiphenyl, 2,3,4,4',5-(PCB 114)	74472-37-0	2.0E-02		4.9E-03	4.0E-03	4.7E-01		2.8E+00	4.0E-01			1.0E-03	
1.3E+04	E 3.8E+00	7.0E-09	E 4.0E-07	E V		6.98	1	0.4	No	*Pentachlorobiphenyl, 3,3',4,4',5-(PCB 126)	57465-28-8	6.0E-06		1.5E-06	1.2E-06	1.4E-04		8.3E-04	1.2E-04			3.0E-07	
2.0E+00	I 5.7E-04				V	7.1	1	0.7	No	*Polychlorinated Biphenyls (high risk)	1336-36-3												
4.0E-01	I 1.0E-04				V	7.1	1	0.7	No	*Polychlorinated Biphenyls (low risk)	1336-36-3	1.9E-01		5.6E-02	4.4E-02					5.0E-01		6.8E-03	7.8E-02
7.0E-02	I 2.0E-05				V	7.1	1	0.7	No	*Polychlorinated Biphenyls (lowest risk)	1336-36-3												
1.3E+01	E 3.8E-03	7.0E-06	E 4.0E-04	E V		6.63	1	0.6	No	*Tetrachlorobiphenyl, 3,3',4,4'-(PCB 77)	32598-13-3	6.0E-03		4.9E-04	6.0E-03	1.4E-01			1.4E-01			9.4E-04	
3.9E+01	E 1.1E-02	2.3E-06	E 1.3E-04	E V		6.34	1	0.7	No	*Tetrachlorobiphenyl, 3,4,4',5-(PCB 81)	70362-50-4	2.0E-03		4.9E-04	4.0E-04	4.7E-02		2.8E-01	4.0E-02			6.2E-05	
		6.0E-04	I		V	10.46	1	0	No	Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9												
		6.0E-02	I		V	3.92	1	1	Yes	Polynuclear Aromatic Hydrocarbons (PAHs)	83-32-9												
7.3E-01	E 1.1E-04	C			V M	4.45	1	1	Yes	*Acenaphthene	120-12-7					1.2E+03	9.6E+02		5.3E+02		5.5E+00		
					V	5.76	1	1	No	*Anthracene	120-12-7					6.0E+03	2.5E+03		1.8E+03		5.8E+01		
					V M	5.76	1	1	No	*Benzo[a]anthracene	56-55-3	3.4E-02		1.8E-02	1.2E-02							4.3E-03	
1.2E+00	C 1.1E-04	C			M	6.11	1	0.9	No	*Benzo[b]fluoranthene	205-82-3	6.5E-02			6.5E-02							7.8E-02	
7.3E+00	I 1.1E-03	C			M	6.13	1	1	No	*Benzo[a]pyrene	50-32-8	3.4E-03			3.4E-03					2.0E-01		4.0E-03	2.4E-01
7.3E-01	E 1.1E-04	C			M	5.78	1	1	No	*Benzo[b]fluoranthene	205-99-2	3.4E-02			3.4E-02							4.1E-02	
7.3E-02	E 1.1E-04	C			M	6.11	1	0.9	No	*Benzo[k]fluoranthene	207-08-9	3.4E-01			3.4E-01							4.0E-01	
7.3E-03	E 1.1E-05	C	8.0E-02	I	V	3.9	1	1	Yes	*Chloronaphthalene, beta	91-58-7					1.6E+03	1.4E+03		7.5E+02		3.9E+00		
7.3E+00	E 1.2E-03	C			M	5.81	1	1	No	*Chrysene	218-01-9	3.4E+00			3.4E+00						1.2E+00		
1.2E+01	C 1.1E-03	C			M	6.75	1	0.6	No	*Dibenz[a,h]anthracene	53-70-3	3.4E-03			3.4E-03							1.3E-02	
2.5E+02	C 7.1E-02	C			M	7.71	1	0.3	No	*Dibenz[a,e]pyrene	192-65-4	6.5E-03			6.5E-03							8.4E-02	
					M	5.8	1	0.9	No	*Dimethylbenz[a]anthracene, 7,12	57-97-6	1.0E-04			1.0E-04							9.9E-05	
7.3E-01	E 1.1E-04	C			V M	5.16	1	1	No	*Fluoranthene	206-44-0					8.0E+02			8.0E+02		8.9E+01		
					V	4.18	1	1	Yes	*Fluorene	86-73-7					8.0E+02	4.6E+02		2.9E+02		5.5E+00		
					M	6.7	1	0.6	No	*Indeno[1,2,3-cd]pyrene	193-39-5	3.4E-02			3.4E-02							1.3E-01	
2.9E-02	P	7.0E-02	A	V	V	3.87	1	1	Yes	*Methylnaphthalene, 1-	90-12-0	2.7E+00	2.0E+00		1.1E+00	1.4E+03	1.1E+03		6.2E+02		6.0E-03		
		4.0E-03	I	V	V	3.86	1	1	Yes	*Methylnaphthalene, 2-	91-37-6					8.0E+01	6.5E+01		3.6E+01		1.9E-01		
		3.4E-05	C	2.0E-02	I 3.0E-03	I V	3.3	1	1	Yes	*Naphthalene	91-20-3			1.7E-01	1.7E-01	4.0E+02	7.0E+02	6.3E+00	6.1E+00		5.4E-04	
1.2E+00	C 1.1E-04	C			V	4.75	1	0.9	Yes	*Nitropyrene, 4-	57835-92-4	6.5E-02	2.7E-02		1.9E-02							3.3E-03	
					V	4.88	1	1	Yes	*Pyrene	129-00-0					6.0E+02	1.5E+02		1.2E+02		1.3E+01		
					P	-0.33	1	1	Yes	Potassium Perfluorobutane Sulfonate	29420-49-3					4.0E+02	2.8E+05		4.0E+02				
1.5E-01	I	9.0E-03	I	V	V	4.1	1	0.9	Yes	Prochloraz	67747-09-5	5.2E-01	1.4E+00		3.8E-01	1.8E+02	5.1E+02		1.3E+02		1.9E-03		
		6.0E-03	H	V	V	5.58	1	0.8	Yes	Profluralin	26399-36-0					1.2E+02	3.3E+01		2.6E+01		1.6E+00		
		1.5E-02	I		V	2.99	1	1	Yes	Prometon	1610-18-0					3.0E+02	1.6E+03		2.5E+02		1.2E-01		
		4.0E-03	I		V	3.51	1	0.9	Yes	Prometryn	7287-19-6					8.0E+01	2.3E+02		6.0E+01		9.1E-02		
		1.3E-02	I		V	2.18	1	1	Yes	Propachlor	1918-16-7					2.6E+02	4.3E+03		2.5E+02		1.5E-01		
		4.0E-03	I		V	1.52	1	1	Yes	Propanediol, 1,2-	114-26-1					8.0E+01	3.6E+03		7.8E+01		2.5E-02		
		5.0E-03	I		V	3.07	1	1	Yes	Propanil	709-98-8					1.0E+02	4.4E+02		8.2E+01		4.5E-02		
		2.0E-02	I		V	5	1	0.8	Yes	Propargite	2312-35-8					4.0E+02	2.7E+02		1.6E+02		1.2E+01		
		2.0E-03	I		V	-0.38	1	1	Yes	Propargyl Alcohol	107-19-7					4.0E+01	1.2E+04		4.0E+01		8.2E-03		
		2.0E-02	I		V	2.93																	

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Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 1				Protection of Groundwater			
SFO (mg/kg-day) ¹	k _e IUR (ug/m ³ -day) ¹	k _e RfD _c (mg/kg-day) ¹	k _e RfC _c (mg/m ³) ¹	k _e RfD _n (mg/kg-day) ¹	k _e RfC _n (mg/m ³) ¹	LOP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1E-06 (ug/L)	Dermal SL TR=1E-06 (ug/L)	Inhalation SL TR=1E-06 (ug/L)	Carcinogenic SL TR=1E-06 (ug/L)	Ingestion SL THQ=1 (ug/L)	Dermal SL THQ=1 (ug/L)	SL THQ=1 (ug/L)	Noncarcinogenic SL Child THI=1 (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)	
		5.0E-03	I	2.0E-02	C				1	Yes	Selenium	7782-49-2				1.0E+02	2.3E+04		1.0E+02	5.0E+01	5.2E-01	2.6E-01	
		5.0E-03	C	2.0E-02	C				1	Yes	Selenium Sulfide	7446-34-6				1.0E+02	2.3E+04		1.0E+02				
		9.0E-02	I			4.38		1	0.9	Yes	Sethoxydim	74051-80-2				1.8E+03	2.4E+03		1.0E+03		9.3E+00		
				3.0E-03	C				1	Yes	Silica (crystalline, respirable)	7631-86-9											
1.2E-01	H	5.0E-03	I				0.04		1	Yes	Silver	7440-22-4				1.0E+02	1.5E+03		9.4E+01	4.0E+00	8.0E-01		
		5.0E-03	I			2.18			1	Yes	Simazine	122-34-9	6.5E-01	9.3E+00	6.1E-01	1.0E+02	1.6E+03		9.4E+01		3.0E-04	2.0E-03	
		1.3E-02	I			0.37			1	Yes	Sodium Acifluorfen	62476-59-9				2.6E+02	2.1E+05		2.6E+02		2.1E+00		
		4.0E-03	I						1	Yes	Sodium Azide	26628-22-8				8.0E+01	1.8E+04		8.0E+01				
5.0E-01	C	1.5E-01	C	2.0E-02	C	M	0.025		1	Yes	Sodium Dichromate	10588-01-9	5.0E-02	2.3E-01	4.1E-02	4.0E+02	2.3E+03		3.4E+02				
2.7E-01	H	3.0E-02	I	1.3E-02	C		-1.43		1	Yes	Sodium Diethyldithiocarbamate	148-18-5	2.9E-01	8.5E+02	2.9E-01	6.0E+02	1.9E+06		6.0E+02				
		5.0E-02	A	1.3E-02	C				1	Yes	Sodium Fluoride	7681-49-4				1.0E+03	2.3E+05		1.0E+03				
		2.0E-05	I				-3.78		1	No	Sodium Fluoroacetate	62-74-8				4.0E-01			4.0E-01		8.1E-05		
		1.0E-03	H						1	Yes	Sodium Metavanadate	13718-26-8				2.0E+01	4.6E+03		2.0E+01				
		8.0E-04	P						1	Yes	Sodium Tungstate	13472-45-2				1.6E+01	3.6E+03		1.6E+01				
		8.0E-04	P						1	Yes	Sodium Tungstate Dihydrate	10213-10-2				1.6E+01	3.6E+03		1.6E+01				
2.4E-02	H	3.0E-02	I				3.53		0.9	Yes	Stirofos (Tetrachlorovinphos)	961-11-5	3.2E+00	1.9E+01	2.8E+00	6.0E+02	3.8E+03		5.2E+02		8.2E-03		
5.0E-01	C	1.5E-01	C	2.0E-02	C	M	0.025		1	Yes	Strontium Chromate	7789-06-2	5.0E-02	2.3E-01	4.1E-02	4.0E+02	2.3E+03		3.4E+02				
		6.0E-01	I						1	Yes	Strontium, Stable	7440-24-6				1.2E+04	2.7E+06		1.2E+04		4.2E+02		
		3.0E-04	I				1.93		1	Yes	Strychnine	57-24-9				6.0E+00	3.2E+02		5.9E+00		6.5E-02		
		2.0E-01	I	1.0E+00	I	V	2.95		1	Yes	Styrene	100-42-5				4.0E+03	1.0E+04	2.1E+03	1.2E+03	1.0E+02	1.3E+00	1.1E-01	
		3.0E-03	P				3.1		1	Yes	Styrene-Acrylonitrile (SAN) Trimer	NA				6.0E+01	2.4E+02		4.8E+01				
		1.0E-03	P	2.0E-03	X		-0.77		1	Yes	Sulfolane	126-33-0				2.0E+01	1.7E+04		2.0E+01		4.4E-03		
		8.0E-04	P				3.9		0.9	Yes	Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9				1.6E+01	3.5E+01		1.1E+01		6.5E-02		
				1.0E-03	C	V			1	Yes	Sulfur Trioxide	7446-11-9						2.1E+00	2.1E+00				
				1.0E-03	C				1	Yes	Sulfuric Acid	7664-93-9											
2.5E-02	I	7.1E-06	I	5.0E-02	H		4.82		0.8	Yes	Sulfurous acid, 2-chloroethyl 2-[(4-(1,1-dimethylethyl)phenoxy)-1-methylethyl]	140-57-8	3.1E+00	2.3E+00	1.3E+00	1.0E+03	8.2E+02		4.5E+02		1.5E-02		
		3.0E-02	H				3.3		0.9	Yes	TCMTB	21564-17-0				6.0E+02	2.4E+03		4.8E+02		3.3E+00		
		7.0E-02	I				1.79		1	Yes	Tebuthiuron	34014-18-1				1.4E+03	4.7E+04		1.4E+03		3.9E-01		
		2.0E-02	H				5.96		0.7	No	Temephos	3383-96-8				4.0E+02			4.0E+02		7.6E+01		
		1.3E-02	I				1.89		1	Yes	Terbacil	5902-51-2				2.6E+02	7.0E+03		2.5E+02		7.5E-02		
		2.5E-05	H		V		4.48		0.9	Yes	Terbufos	13071-79-9				5.0E-01	4.5E-01		2.4E-01		5.2E-04		
		1.0E-03	I				3.74		0.9	Yes	Terbutryn	886-50-0				2.0E+01	4.1E+01		1.3E+01		1.9E-02		
		1.0E-04	I				6.77		0.6	No	Tetrabromodiphenylether, 2,2',4,4'- (BDE-47)	438-43-1				2.0E+00			2.0E+00		5.4E-02		
		3.0E-04	I		V		4.64		1	Yes	Tetrachlorobenzene, 1,2,4,5-	95-94-1	3.0E+00	1.1E+01	7.6E-01	6.0E+00	2.4E+00		1.7E+00		7.9E-03		
2.6E-02	I	7.4E-06	I	3.0E-02	I	V	2.93		1	Yes	Tetrachloroethane, 1,1,1,2-	430-20-6	3.0E+00	3.3E+00	9.7E-02	6.0E+02	2.4E+03		4.8E+02		2.2E-04		
2.0E-01	I	5.8E-05	C	2.0E-02	I	V	2.39		1	Yes	Tetrachloroethane, 1,1,2,2-	79-34-5	3.9E-01	3.3E+00	9.7E-02	4.0E+02	3.6E+03		3.6E+02		3.0E-05		
2.1E-03	I	2.6E-07	I	6.0E-03	I	4.0E-02	I	V	3.4	1	Yes	Tetrachloroethylene	127-18-4	3.7E+01	6.5E+01	2.2E+01	1.2E+02	2.3E+02	8.3E+01	4.1E+01	5.0E+00	5.1E-03	2.3E-03
		3.0E-02	I				4.45		0.9	Yes	Tetrachlorophenol, 2,3,4,6-	58-90-2				6.0E+02	3.9E+02		2.4E+02		1.5E+00		
2.0E+01	H				V		4.54		0.9	Yes	Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1	3.9E-03	2.0E-03	1.3E-03						4.5E-06		
		5.0E-04	I				3.99		0.9	Yes	Tetraethyl Dithiopyrophosphate	3689-24-5				1.0E+01	2.4E+01		7.1E+00		5.2E-03		
				8.0E+01	I	V	1.68		1	Yes	Tetrafluoroethane, 1,1,1,2-	811-97-2						1.7E+05	1.7E+05		9.3E+01		
		2.0E-03	P				1.64		1	Yes	Tetryl (Trinitrophenylmethyl nitramine)	479-45-8				4.0E+01	2.5E+03		3.9E+01		3.7E-01		
		7.0E-06	X						1	Yes	Thallium (I) Nitrate	10102-45-1				1.4E-01	3.2E+01		1.4E-01				
		1.0E-05	X						1	Yes	Thallium (Soluble Salts)	7440-28-0				2.0E-01	4.6E+01		2.0E-01	2.0E+00	1.4E-02	1.4E-01	
		6.0E-06	X		V		-0.17		1	Yes	Thallium Acetate	563-68-8				1.2E-01	1.0E+02		1.2E-01				
		2.0E-05	X		V		-0.86		1	Yes	Thallium Carbonate	6533-73-9				4.0E-01	3.7E+03		4.0E-01				
		6.0E-06	X						1	Yes	Thallium Chloride	7791-12-0				1.2E-01	2.7E+01		1.2E-01				
		2.0E-05	X						0.9	Yes	Thallium Sulfate	7446-18-6				4.0E-01	9.1E+01		4.0E-01				
		1.3E-02	I				1.56		1	Yes	Thifensulfuron-methyl	79277-27-3				2.6E+02	3.5E+04		2.6E+02		7.8E-02		
		1.0E-02	I				3.4		0.9	Yes	Thiodiencarb	28249-77-6				2.0E+02	7.7E+02		1.6E+02		5.5E-01		
		7.0E-02	X				-0.63		1	Yes	Thiodiglycol	111-48-8				1.4E+03	9.7E+05		1.4E+03		2.8E-01		
		3.0E-04	H				2.16		1	Yes	Thiofanox	39196-18-4				6.0E+00	4.4E+01		5.3E+00		1.8E-03		
		8.0E-02	I				1.4		1	Yes	Thiophanate, Methyl	23564-05-8				1.6E+03	2.1E+05		1.6E+03		1.4E+00		
		5.0E-03	I				1.73		1	Yes	Thiram	137-26-8				1.0E+02	4.0E+03		9.8E+01		1.4E-01		
		6.0E-01	H						1	Yes	Tin	7440-31-5				1.2E+04	2.7E+06		1.2E+04		3.0E+03		
				1.0E-04	A	V			1	Yes	Titanium Tetrachloride	7550-45-0						2.1E-01	2.1E-01				
		8.0E-02	I	5.0E+00	I	V	2.73		1	Yes	Toluene	108-88-3				1.6E+03	5.3E+03	1.0E+04	1.1E+03	1.0E+03	7.6E-01	6.9E-01	
1.8E-01	X	2.0E-04	X				0.16		1	Yes	Toluene-2,5-diamine	95-70-5	4.3E-01	8.2E+01	4.3E-01	4.0E+00	8.3E+02		4.0E+00		1.3E-04		
3.0E-02	P	4.0E-03	X				1.39		1	Yes	Toluidine, p-	106-49-0	2.6E+00	6.8E+01	2.5E+00	8.0E+01	2.3E+03		7.				

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Toxicity and Chemical-specific Information										Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer CHILD Hazard Index (HI) = 1				Protection of Groundwater							
SFO (mg/kg-day) ¹	k _e (ug/m ³) ¹	IUR (ug/m ³) ¹	k _e (mg/kg-day)	RfD _c (mg/kg-day)	k _e (mg/m ³) ¹	RfC _c (mg/m ³) ¹	k _e (mg/m ³) ¹	o ₁ mutagen	LOGP	GIABS	FA	In EPD?	Analyte	CAS No.	Ingestion SL TR=1E-06 (ug/L)	Dermal SL TR=1E-06 (ug/L)	Inhalation SL TR=1E-06 (ug/L)	Carcinogenic SL TR=1E-06 (ug/L)	Ingestion SL Child THQ=1 (ug/L)	Dermal SL Child THQ=1 (ug/L)	SL Child THQ=1 (ug/L)	Noncarcinogenic SL Child TH=1 (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)		
			3.0E-04	P								1	0	No	Tributyltin Compounds	NA											
			3.0E-04	I					4.05	1	1	Yes	Tributyltin Oxide	56-35-9					6.0E+00	9.5E+01		6.0E+00					
			3.0E+01	I	3.0E+01	H	V		3.16	1	1	Yes	Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1					6.0E+05	1.9E+06	6.3E+04	5.7E+00			2.9E+02		
7.0E-02	I		2.0E-02	X					1.33	1	1	Yes	Trichloroacetic Acid	76-03-9	1.1E+00	4.6E+01		1.1E+00	4.0E+02	1.8E+04		3.9E+02	6.0E+01		2.2E-04	1.2E-02	
2.9E-02	H								-0.67	1	1	Yes	Trichloroaniline HCl, 2,4,6-	33663-50-2	2.7E+00	3.7E+03		2.7E+00								7.4E-03	
7.0E-03	X		3.0E-05	X					3.52	1	1	Yes	Trichloroaniline, 2,4,6-	634-93-5	1.1E+01	2.0E+01		7.1E+00	6.0E-01	1.2E+00		4.0E-01				3.6E-03	
			8.0E-04	X			V		4.05	1	1	Yes	Trichlorobenzene, 1,2,3-	87-61-6					1.6E+01	1.3E+01		7.0E+00				2.1E-02	
2.9E-02	P		1.0E-02	I	2.0E-03	P	V		4.02	1	1	Yes	Trichlorobenzene, 1,2,4-	120-82-1	2.7E+00	2.0E+00		1.2E+00	2.0E+02	1.6E+02	4.2E+00	4.0E+00	7.0E+01		3.4E-03	2.0E-01	
			2.0E+00	I	5.0E+00	I	V		2.49	1	1	Yes	Trichloroethane, 1,1,1-	71-55-6					4.0E+04	2.5E+05	1.0E+04	8.0E+03	2.0E+02		2.8E+00	7.0E-02	
5.7E-02	I	1.6E-05	I	4.0E-03	I	2.0E-04	X	V	1.89	1	1	Yes	Trichloroethane, 1,1,2-	79-00-5	1.4E+00	2.0E+01	3.5E-01	2.8E-01	8.0E+01	1.3E+03	4.2E-01	4.1E-01	5.0E+00		8.9E-05	1.6E-03	
4.6E-02	I	4.1E-06	I	5.0E-04	I	2.0E-03	I	V	2.42	1	1	Yes	Trichloroethylene	79-01-6	1.2E+00	7.4E+00	9.6E-01	4.9E-01	1.0E+01	6.9E+01	4.2E+00	2.8E+00	5.0E+00		1.8E-04	1.8E-03	
			3.0E-01	I				V	2.53	1	1	Yes	Trichlorofluoromethane	75-69-4					6.0E+03	3.6E+04		5.2E+03			3.3E+00		
			1.0E-01	I					3.72	1	1	Yes	Trichlorophenol, 2,4,5-	95-95-4					2.0E+03	2.9E+03		1.2E+03			4.4E+00		
1.1E-02	I	3.1E-06	I	1.0E-03	P				3.69	1	1	Yes	Trichlorophenol, 2,4,6-	88-06-2	7.1E+00	9.8E+00		4.1E+00	2.0E+01	3.0E+01		1.2E+01			1.5E-02		
			1.0E-02	I					3.31	1	0.9	Yes	Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5					2.0E+02	8.7E+02		1.6E+02			6.8E-02		
			8.0E-03	I					3.8	1	0.9	Yes	Trichlorophenoxypropionic acid, -2,4,5	93-72-1					1.6E+02	3.6E+02		1.1E+02	5.0E+01		6.1E-02	2.8E-02	
			5.0E-03	I			V		2.43	1	1	Yes	Trichloropropane, 1,1,2-	598-77-6					1.0E+02	7.5E+02		8.8E+01			3.5E-02		
3.0E+01	I		4.0E-03	X	3.0E-04	I	V	M	2.27	1	1	Yes	Trichloropropane, 1,2,3-	96-18-4	8.4E-04	7.3E-03		7.5E-04	8.0E+01	7.7E+02	6.3E-01	6.2E-01			3.2E-07		
			3.0E-03	X	3.0E-04	P	V		2.78	1	1	Yes	Trichloropropene, 1,2,3-	96-19-5					6.0E+01	2.6E+02	6.3E-01	6.2E-01			3.1E-04		
			2.0E-02	A					5.11	1	0.8	Yes	Tricresyl Phosphate (TCP)	1330-78-5					4.0E+02	2.6E+02		1.6E+02			1.5E+01		
			3.0E-03	I					5.18	1	0.8	Yes	Tridiphane	58138-08-2					6.0E+01	2.6E+01		1.8E+01			1.3E-01		
			2.0E+00	P	7.0E-03	I	V		1.45	1	1	Yes	Triethylamine	121-44-8					4.0E+04	1.8E+08		1.5E+01			4.4E-03		
					2.0E+01	P	V		-1.75	1	1	Yes	Triethylene Glycol	112-27-6								4.0E+04			8.8E+00		
									1.74	1	1	Yes	Trifluoroethane, 1,1,1-	420-86-2							4.2E+04				1.3E+02		
7.7E-03	I		7.5E-03	I			V		5.34	1	0.8	Yes	Trifluralin	1587-09-8	1.0E+01	3.4E+00		2.6E+00	1.5E+02	5.5E+01		4.0E+01			8.4E-02		
2.0E-02	P		1.0E-02	P					-0.65	1	1	Yes	Trimethyl Phosphate	512-56-1	3.9E+00	2.8E+03		3.9E+00	2.0E+02	1.6E+05		2.0E+02			8.6E-04		
			5.0E-03	P	V				3.66	1	1	Yes	Trimethylbenzene, 1,2,3-	526-73-8							1.0E+01	1.0E+01				1.5E-02	
			7.0E-03	P	V				3.63	1	1	Yes	Trimethylbenzene, 1,2,4-	95-63-6							1.5E+01	1.5E+01				2.1E-02	
			1.0E-02	X			V		3.42	1	1	Yes	Trimethylbenzene, 1,3,5-	108-67-8					2.0E+02	2.8E+02		1.2E+02			1.7E-01		
			1.0E-02	X			V		4.08	1	1	Yes	Trimethylpentane, 2,4,4-trimethyl-	25167-70-8					2.0E+02	9.6E+01		6.5E+01			2.2E-01		
			3.0E-02	I					1.18	1	1	Yes	Trinitrobenzene, 1,3,5-	99-35-4					6.0E+02	4.7E+04		5.9E+02			2.1E+00		
			5.0E-04	I					1.6	1	1	Yes	Trinitrotoluene, 2,4,6-	118-96-7					1.0E+01	4.5E+02		9.8E+00			1.5E-02		
			2.0E-02	P					2.83	1	1	Yes	Triphenylphosphine Oxide	791-28-6	2.6E+00	1.1E+02		2.5E+00	4.0E+02	3.8E+03		3.6E+02			1.5E+00		
			2.0E-02	A					3.65	1	0.9	Yes	Tris(1,3-Dichloro-2-propyl) Phosphate	13674-87-8					4.0E+02	3.2E+03		3.6E+02			8.0E+00		
2.3E+00	C	6.6E-04	C					V	2.59	1	1	Yes	Tris(1-chloro-2-propyl)phosphate	13674-84-5					2.0E+02	3.8E+03		1.9E+02			6.5E-01		
			1.0E-02	X					4.29	1	1	No	Tris(2,3-dibromopropyl)phosphate	126-72-7	3.4E-02		8.5E-03	6.8E-03								1.3E-04	
2.0E-02	P		7.0E-03	P					1.44	1	1	Yes	Tris(2-chloroethyl)phosphate	115-96-8	3.9E+00	3.0E+02		3.8E+00	1.4E+02	1.2E+04		1.4E+02			3.8E-03		
3.2E-03	P		1.0E-01	P					9.49	1	0	No	Tris(2-ethylhexyl)phosphate	78-42-2	2.4E+01			2.4E+01	2.0E+03			2.0E+03			1.2E+02		
			8.0E-04	P					1	1	1	Yes	Tungsten	7440-33-7					1.6E+01	3.6E+03		1.6E+01			2.4E+00		
1.0E+00	C	2.9E-04	C		3.0E-03	I	4.0E-05	A		1	1	Yes	Uranium (Soluble Salts)	NA	2.5E-02	6.1E+00		2.5E-02	6.0E+01	1.4E+04		6.0E+01	3.0E+01		2.7E+01	1.4E+01	
			8.3E-03	P	9.0E-03	I	7.0E-06	P		0.026	1	1	Yes	Urethane	51-79-6											5.6E-06	
			5.0E-03	S	1.0E-04	A						Yes	Vanadium and Compounds	7440-62-2					1.8E+02	1.1E+03		1.5E+02					
			1.0E-03	I			V		3.84	1	1	Yes	Vernolate	1929-77-7					1.0E+02	6.0E+02		8.6E+01			8.6E+01		
			2.5E-02	I					3.1	1	0.9	Yes	Vindozolin	50471-44-8					2.0E+01	2.5E+01		1.1E+01			8.9E-03		
			1.0E+00	H	2.0E-01	I	V		0.73	1	1	Yes	Vinyl Acetate	108-05-4					5.0E+02	3.7E+03		4.4E+02			3.4E-01		
			3.2E-05	H					1.57	1	1	Yes	Vinyl Bromide	593-60-2			1.8E-01	1.8E-01	2.0E+04	1.4E+06	4.2E+02	4.1E+02			8.7E-02		
7.2E-01	I	4.4E-06	I	3.0E-03	I	1.0E-01	I	V	1.62	1	1	Yes	Vinyl Chloride	75-01-4	2.1E-02	2.8E-01	3.4E-01	1.9E-02	1.0E+01	8.9E+02	2.1E+02	4.4E+01	2.0E+00			5.1E-05	6.9E-04
			3.0E-04	I					2.7	1	1	Yes	Warfarin	81-81-2					6.0E+00	8.4E+01		5.6E+00			5.9E-03		
			2.0E-01	S	1.0E-01	S	V		3.15	1	1	Yes	Xylene, p-	106-42-3					4.0E+03	7.6E+03	2.1E+02	1.9E+02			1.9E-01		
			2.0E-01	S	1.0E-01	S	V		3.2	1	1	Yes	Xylene, m-	108-38-3					4.0E+03	7.1E+03	2.1E+02	1.9E+02			1.9E-01		
			2.0E-01	S	1.0E-01	S	V		3.12	1																	

Regional Screening Level (RSL) Composite Worker Soil Table (TR=1E-06, HQ=1) November 2015

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-06				Noncancer Hazard Index (HI) = 1					
SFO (mg/kg-day)	k _e	IUR (ug/m ³ -y)	k _e	RTD _o (mg/kg-day)	k _e	RfC _i (mg/m ³ -y)	k _e	muta-gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (mg/kg)	Ingestion SL THQ=1 (mg/kg)	Dermal SL THQ=1 (mg/kg)	Inhalation SL THQ=1 (mg/kg)	Noncarcinogenic SL TH=1 (mg/kg)	
8.7E-03	I	2.2E-06	I	4.0E-03	I	9.0E-03	I	V	1	0.1	1.1E+05	1.4E+09	8.7E+03	Acephate	30560-19-1	3.8E+02	8.9E+02	4.9E+01	2.6E+02	4.7E+03	1.1E+04	3.4E+02	3.3E+03	
				2.0E-02	I				1	0.1				Acetaldehyde	75-07-0			4.9E+01	4.9E+01	2.3E+04	5.5E+04	3.4E+02	3.4E+02	
									1	0.1				Acetochlor	34256-82-1							3.4E+02	1.6E+04	
				9.0E-01	I	3.1E+01	A	V	1		1.1E+05	1.4E+09	1.4E+04	Acetone	67-64-1					1.1E+06		1.8E+06	6.7E+05	
									1	0.1		1.4E+09		Acetone Cyanohydrin	75-86-5							1.2E+07	1.2E+07	
									1		1.3E+05	1.4E+09	1.3E+04	Acetonitrile	75-05-8							3.4E+03	3.4E+03	
				1.0E-01	I				1		2.5E+03	1.4E+09	6.0E+04	Acetophenone	98-86-2					1.2E+05			1.2E+05	
3.8E+00	C	1.3E-03	C	5.0E-04	I	2.0E-05	I		1		2.3E+04	1.4E+09	6.9E+03	Acetylaminofluorene, 2-Acrolein	53-96-3 107-02-8	8.6E-01	2.0E+00	1.3E+04	6.0E-01	5.8E+02		6.1E-01	6.0E-01	
5.0E-01	I	1.0E-04	I	2.0E-03	I	6.0E-03	I	M	1	0.1		1.4E+09		Acrylamide	79-06-1	6.5E+00	1.5E+01	1.7E+05	4.6E+00	2.3E+03	5.5E+03	3.6E+07	1.6E+03	
				5.0E-01	I	1.0E-03	I	V	1		1.1E+05	1.4E+09	9.5E+04	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		1.1E+04	1.4E+09	7.7E+03	Acrylonitrile	107-13-1	6.1E+00		1.4E+00	1.1E+00	4.7E+04		6.7E+01	6.7E+01	
									1	0.1		1.4E+09		Adiponitrile	111-69-3							3.6E+07	3.6E+07	
5.6E-02	C			1.0E-02	I				1	0.1		1.4E+09		Alachlor	15972-60-8	5.8E+01	1.4E+02		4.1E+01	1.2E+04	2.8E+04	8.2E+03	8.2E+03	
				1.0E-03	I				1	0.1		1.4E+09		Aldicarb	116-06-3					1.2E+03	2.8E+03		8.2E+02	
									1	0.1		1.4E+09		Aldicarb Sulfone	1646-88-4					1.2E+03	2.8E+03		8.2E+02	
									1	0.1		1.4E+09		Aldicarb sulfoxide	1646-87-3									
									1			1.4E+09	1.7E+06	Aldrin	309-00-2	1.9E-01	4.3E+00	1.8E-01		3.5E+01			3.5E+01	
				5.0E-03	I	1.0E-04	X	V	1		1.1E+05	1.4E+09	3.4E+04	Allyl Alcohol	107-18-6					5.8E+03		1.5E+01	1.5E+01	
2.1E-02	C	6.0E-06	C	1.0E-03	I	V			1		1.4E+03	1.4E+09	1.6E+03	Allyl Chloride	107-05-1	1.6E+02		3.2E+00	3.2E+00			6.9E+00	6.9E+00	
				1.0E+00	P	5.0E-03	P		1			1.4E+09		Aluminum	7429-90-5					1.2E+06		3.0E+07	1.1E+06	
				4.0E-04	I				1			1.4E+09		Aluminum Phosphide	20859-73-8					4.7E+02			4.7E+02	
				9.0E-03	I				1	0.1		1.4E+09		Ametryn	834-12-8					1.1E+04	2.5E+04		7.4E+03	
									1	0.1		1.4E+09		Aminobiphenyl, 4-	92-67-1	1.6E-01	3.7E-01	2.8E+03	1.1E-01					
				8.0E-02	P				1	0.1		1.4E+09		Aminophenol, m-	591-27-5					9.3E+04	2.2E+05		6.6E+04	
				2.0E-02	P				1	0.1		1.4E+09		Aminophenol, p-	123-30-8					2.3E+04	5.5E+04		1.6E+04	
				2.5E-03	I				1	0.1		1.4E+09		Amtraz	33089-61-1					2.9E+03	6.9E+03		2.1E+03	
									1			1.4E+09		Ammonia	7664-41-7					2.3E+05			2.3E+05	
				2.0E-01	I				1		1.4E+04	1.4E+09	2.6E+04	Ammonium Sulfamate	7773-06-0								3.4E+02	
									1			1.4E+09		Amyl Alcohol, tert-	75-85-4								3.4E+02	
5.7E-03	I	1.6E-06	C	7.0E-03	P	1.0E-03	I		1	0.1		1.4E+09		Aniline	62-53-3	5.7E+02	1.4E+03	1.0E+07	4.0E+02	8.2E+03	1.9E+04	6.0E+06	5.7E+03	
4.0E-02	P			2.0E-03	X				1	0.1		1.4E+09		Anthracene, 9,10-	84-65-1	8.2E-01	1.9E+02		5.7E+01	2.3E+03	5.5E+03		1.6E+03	
				4.0E-04	I				0.15			1.4E+09		Antimony (metallic)	7440-36-0					4.7E+02			4.7E+02	
				5.0E-04	H				0.15			1.4E+09		Antimony Pentoxide	1314-60-9					5.8E+02			5.8E+02	
				4.0E-04	H				0.15			1.4E+09		Antimony Tetroxide	1332-81-6					4.7E+02			4.7E+02	
									0.15			1.4E+09		Antimony Trioxide	1309-64-4							1.2E+06	1.2E+06	
1.5E+00	I	4.3E-03	I	3.0E-04	I	1.5E-05	C		1	0.03		1.4E+09		Arsenic, Inorganic	7440-38-2	3.6E+00	1.7E+01	3.9E+03	3.0E+00	5.8E+02	2.8E+03	8.9E+04	4.8E+02	
				3.5E-06	C	5.0E-05	I		1			1.4E+09		Arsine	7784-42-1					4.1E+00		3.0E+05	4.1E+00	
				5.0E-02	I				1	0.1		1.4E+09		Asulam	3337-71-1					5.8E+04	1.4E+05		4.1E+04	
2.3E-01	C			3.5E-02	I				1	0.1		1.4E+09		Atrazine	1912-24-9	1.4E+01	3.4E+01		1.0E+01	4.1E+04	9.7E+04		2.9E+04	
8.8E-01	C	2.5E-04	C	4.0E-04	I				1	0.1		1.4E+09		Auramine	492-80-8	3.7E+00	8.8E+00	6.7E+04	2.6E+00					
									1	0.1		1.4E+09		Avermectin B1	65195-55-3					4.7E+02	1.1E+03		3.3E+02	
1.1E-01	I	3.1E-05	I	3.0E-03	A	1.0E-02	A		1	0.1		1.4E+09		Azinphos-methyl	86-50-0					3.5E+03	8.3E+03	6.0E+07	2.5E+03	
				2.0E-01	I	5.0E-04	H		0.07			1.4E+09		Azobenzene	103-33-3	3.0E+01		2.1E+02	2.6E+01	1.2E+06	2.8E+06	4.2E+04	4.0E+04	
				1.0E+00	P	7.0E-06	P		1	0.1		1.4E+09		Azodicarbonamide	123-77-3								4.0E+04	
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C	M	0.025			1.4E+09		Barium	7440-39-3	6.5E+00		1.1E+02	6.2E+00	2.3E+05	2.3E+05	3.0E+06	2.2E+05	
				3.0E-01	I				1			1.4E+09	3.1E+05	Barium Chromate	10294-40-3					2.3E+04		1.2E+06	2.3E+04	
									1			1.4E+09		Benfluralin	1861-40-1					3.5E+05			3.5E+05	
				5.0E-02	I				1	0.1		1.4E+09		Benomyl	17804-35-2					5.8E+04	1.4E+05		4.1E+04	
				2.0E-01	I				1	0.1		1.4E+09		Bensulfuron-methyl	83055-99-6					2.3E+05	5.5E+05		1.6E+05	
				3.0E-02	I				1	0.1		1.4E+09		Bentazon	25057-89-0					3.5E+04	8.3E+04		2.5E+04	
				1.0E-01	I				1		1.2E+03	1.4E+09	2.3E+04	Benzaldehyde	100-52-7					1.2E+05			1.2E+05	
5.5E-02	I	7.8E-06	I	4.0E-03	I	3.0E-02	I	V	1		1.8E+03	1.4E+09	3.5E+03	Benzene	71-43-2	5.9E+01		5.6E+00	5.1E+00	4.7E+03		4.6E+02	4.2E+02	
1.0E-01	X			3.0E-04	X				1	0.1		1.4E+09		Benzenediamine-2-methyl sulfate, 1,4-	6369-59-1	3.3E+01	7.7E+01		2.3E+01	3.5E+02	8.3E+02		2.5E+02	
				1.0E-03	P				1		1.3E+03	1.4E+09	1.9E+04	Benzenethiol	108-98-5					1.2E+03			1.2E+03	
2.3E+02	I	6.7E-02	I	3.0E-03	I				1	0.1		1.4E+09		Benzydine	92-87-5	1.4E-02	3.4E-02	2.5E+02	1.0E-02	3.5E+03	8.3E+03		2.5E+03	
				4.0E+00	I				1	0.1		1.4E+09		Benzoic Acid	65-85-0					4.7E+06	1.1E+07		3.3E+06	
1.3E+01	I								1		3.2E+02	1.4E+09	6.8E+04	Benzotrithloride	98-07-7	2.5E-01			2.5E-01					
				1.0E-01	P				1	0.1		1.4E+09		Benzyl Alcohol										

Regional Screening Level (RSL) Composite Worker Soil Table (TR=1E-06, HQ=1) November 2015

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-06				Noncancer Hazard Index (HI) = 1					
SFO (mg/kg-day) ¹	ke	IUR (ug/m ³) ²	ke	RTD _o (mg/kg-day)	ke	RfC _i (mg/m ³) ³	ke	muta-gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (mg/kg)	Ingestion SL THQ=1 (mg/kg)	Dermal SL THQ=1 (mg/kg)	Inhalation SL THQ=1 (mg/kg)	Noncarcinogenic SL TH=1 (mg/kg)	
				3.0E-03	P				1	0.1		1.4E+09		Bis(2-chloroethoxy)methane	111-91-1					3.5E+03	8.3E+03		2.5E+03	
1.1E+00	I	3.3E-04						V	1		5.1E+03	1.4E+09	4.3E+04	Bis(2-chloroethyl)ether	111-44-4	3.0E+00		1.6E+00	1.0E+00					
2.2E+02	I	6.2E-02						V	1		4.2E+03	1.4E+09	1.9E+03	Bis(chloromethyl)ether	542-88-1	1.5E-02		3.7E-04	3.6E-04					
				5.0E-02	I				1	0.1		1.4E+09		Bisphenol A	80-05-7					5.8E+04	1.4E+05		4.1E+04	
				2.0E-01	I	2.0E-02	H		1			1.4E+09		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			1.4E+09		Boron Trichloride	10294-34-5					2.3E+06		1.2E+08	2.3E+06	
				4.0E-02	C	1.3E-02	C	V	1			1.4E+09		Boron Trifluoride	7637-07-2					4.7E+04		7.7E+07	4.7E+04	
7.0E-01	I			4.0E-03	I				1			1.4E+09		Bromate	15541-45-4	4.7E+00			4.7E+00	4.7E+03			4.7E+03	
2.0E+00	X	6.0E-04	X					V	1		2.4E+03	1.4E+09	5.9E+03	Bromo-2-chloroethane, 1-	107-04-0	1.6E+00		1.2E-01	1.1E-01					
				8.0E-03	I	6.0E-02	I	V	1			6.8E+02	1.4E+09	8.4E+03	Bromobenzene	108-86-1					9.3E+03		2.2E+03	1.8E+03
								V	1			4.0E+02	1.4E+09	3.6E+03	Bromochloromethane	74-97-5							6.3E+02	6.3E+02
6.2E-02	I	3.7E-05	C	2.0E-02	I			V	1			9.3E+02	1.4E+09	4.0E+03	Bromodichloromethane	75-27-4	5.3E+01		1.3E+00	1.3E+00	2.3E+04			2.3E+04
7.9E-03	I	1.1E-06	I	2.0E-02	I			V	1			9.2E+02	1.4E+09	9.7E+03	Bromoform	75-25-2	4.1E+02		1.1E+02	8.6E+01	2.3E+04			2.3E+04
				1.4E-03	I	5.0E-03	I	V	1			3.6E+03	1.4E+09	1.4E+03	Bromomethane	74-83-9					1.6E+03		3.1E+01	3.0E+01
				5.0E-03	H			V	1			1.4E+09	1.2E+05	Bromophos	2104-96-3					5.8E+03			5.8E+03	
				2.0E-02	I			V	1	0.1		1.4E+09		Bromoxynil	1689-84-5					2.3E+04	5.5E+04		1.6E+04	
				2.0E-02	I			V	1			1.4E+09	4.7E+05	Bromoxynil Octanoate	1689-99-2					2.3E+04			2.3E+04	
3.4E+00	C	3.0E-05	I			2.0E-03	I	V	1		6.7E+02	1.4E+09	8.7E+02	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	1		7.6E+03	1.4E+09	3.0E+04	Butanol, N-	71-36-3					1.2E+05			1.2E+05	
1.9E-03	P			2.0E-01	I				1	0.1		1.4E+09		Butyl Benzyl Phthalate	85-68-7	1.7E+03	4.1E+03		1.2E+03	2.3E+05	5.5E+05			1.6E+05
				2.0E+00	P	3.0E+01	P	V	1		2.1E+04	1.4E+09	2.9E+04	Butyl alcohol, sec-	78-92-2					2.3E+06			1.5E+06	
				5.0E-02	I			V	1			1.4E+09	8.6E+04	Butylate	2008-41-5					5.8E+04		3.8E+06	5.8E+04	
2.0E-04	C	5.7E-08	C						1	0.1		1.4E+09		Butylated hydroxyanisole	25013-16-5	1.6E+04	3.9E+04	2.9E+08	1.1E+04	3.5E+05	8.3E+05		2.5E+05	
3.6E-03	P			3.0E-01	P				1	0.1		1.4E+09		Butylated hydroxytoluene	128-37-0	9.1E+02	2.1E+03		6.4E+02	5.8E+04		8.3E+05	5.8E+04	
				5.0E-02	P			V	1		1.1E+02	1.4E+09	8.1E+03	Butylbenzene, n-	104-51-8					5.8E+04			5.8E+04	
				1.0E-01	X			V	1		1.5E+02	1.4E+09	7.4E+03	Butylbenzene, sec-	135-98-8					1.2E+05			1.2E+05	
				1.0E-01	X			V	1		1.8E+02	1.4E+09	7.4E+03	Butylbenzene, tert-	98-06-6					1.2E+05			1.2E+05	
				2.0E-02	A				1	0.1		1.4E+09		Caodylic Acid	75-60-5					2.3E+04	5.5E+04		1.6E+04	
				1.8E-03	I	1.0E-03	A		0.025	0.001		1.4E+09		Cadmium (Diet)	7440-43-9			9.3E+03	9.3E+03	1.2E+03	6.9E+03	6.0E+04		9.8E+02
				1.8E-03	I	5.0E-04	I		0.05	0.001		1.4E+09		Cadmium (Water)	7440-43-9					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	0.025			1.4E+09		Calcium Chromate	13765-19-0	6.5E+00		1.1E+02	6.2E+00	2.3E+04			1.2E+06	2.3E+04
				5.0E-01	I	2.2E-03	C		1	0.1		1.4E+09		Caprolactam	105-60-2					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	0.1		1.4E+09		Captan	2425-06-1	2.2E+01	5.2E+01	3.9E+05	1.5E+01	2.3E+03	5.5E+03			1.6E+03
2.3E-03	C	6.6E-07	C	1.3E-01	I				1	0.1		1.4E+09		Captan	133-06-2	1.4E+03	3.4E+03	2.5E+07	1.0E+03	1.5E+05	3.6E+05			1.1E+05
				1.0E-01	I				1	0.1		1.4E+09		Carbaryl	63-25-2					1.2E+05	2.8E+05			8.2E+04
				5.0E-03	I				1	0.1		1.4E+09		Carbofuran	1563-66-2					5.8E+03	1.4E+04			4.1E+03
				1.0E-01	I	7.0E-01	I	V	1		7.4E+02	1.4E+09	1.2E+03	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	1		4.6E+02	1.4E+09	1.5E+03	Carbon Tetrachloride	56-23-5	4.7E+01		3.1E+00	2.9E+00	4.7E+03		6.5E+02	5.7E+02	
						1.0E-01	P	V	1		5.9E+03	1.4E+09	6.5E+02	Carbonyl Sulfide	463-58-1					1.2E+04	2.8E+04		2.8E+02	
				1.0E-02	I				1	0.1		1.4E+09		Carbosulfane	55285-14-8					1.2E+04	2.8E+04		2.8E+02	
				1.0E-01	I				1	0.1		1.4E+09		Carboxin	5234-68-4					1.2E+05	2.8E+05			8.2E+04
				1.0E-01	I	9.0E-04	I		1			1.4E+09		Ceric oxide	1306-38-3					1.2E+05		5.4E+06	5.4E+06	
				1.0E-01	I			V	1			1.4E+09	1.5E+05	Chloral Hydrate	302-17-0					1.2E+05			1.2E+05	
				1.5E-02	I				1	0.1		1.4E+09		Chloramben	133-90-4					1.8E+04	4.1E+04			1.2E+04
4.0E-01	H								1	0.1		1.4E+09		Chloranil	118-75-2	8.1E+00	1.9E+01		5.7E+00					
3.5E-01	I	1.0E-04	I	5.0E-04	I	7.0E-04	I	V	1	0.04		1.4E+09	9.0E+05	Chlordane	12789-03-6	9.3E+00	5.5E+01	1.1E+02	7.5E+00	5.8E+02	3.4E+03	2.8E+03		4.2E+02
1.0E+01	I	4.6E-03	C	3.0E-04	I				1	0.1		1.4E+09		Chlordecone (Kepone)	143-50-0	3.3E-01	7.7E-01	3.6E+03	2.3E-01	3.5E+02	8.3E+02			2.5E+02
				7.0E-04	A				1	0.1		1.4E+09		Chlorfenvinphos	470-90-6					8.2E+02	1.9E+03			5.7E+02
				2.0E-02	I				1	0.1		1.4E+09		Chlorimuron, Ethyl-	90982-32-4					2.3E+04	5.5E+04			1.6E+04
				1.0E-01	I	1.5E-04	A	V	1		2.8E+03	1.4E+09	1.2E+03	Chlorine	7782-50-5					1.2E+05		7.8E-01	7.8E-01	
				3.0E-02	I	2.0E-04	I	V	1			1.4E+09		Chlorine Dioxide	10049-04-4					3.5E+04		1.2E+06	3.4E+04	
				3.0E-02	I				1			1.4E+09		Chlorite (Sodium Salt)	7758-19-2					3.5E+04			3.5E+04	
				5.0E+01	I	V			1		1.2E+03	1.4E+09	1.0E+03	Chloro-1,1-difluoroethane, 1-	75-68-3							2.3E+05	2.3E+05	
4.6E-01	H			3.0E-04	I	2.0E-02	H	2.0E-02	I	V	1	7.9E+02	1.4E+09	1.1E+03	Chloro-1,3-butadiene, 2-	126-99-8					2.3E+04		9.4E+01	9.4E+01
									1	0.1		1.4E+09		Chloro-2-methylaniline HCl, 4-	3165-93-3	7.1E+00	1.7E+01		4.4E-02	4.4E-02	5.0E+00			
1.0E-01	P	7.7E-05	C	3.0E-03	X				1	0.1		1.4E+09		Chloro-2-methylaniline, 4-	95-69-2</									

Regional Screening Level (RSL) Composite Worker Soil Table (TR=1E-06, HQ=1) November 2015

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-06				Noncancer Hazard Index (HI) = 1							
SFO (mg/kg-day) ¹	k _e	IUR (ug/m ³) ²	k _e	RTD _o (mg/kg-day)	k _e	RfC _i (mg/m ³) ³	k _e	o _l	muta-gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (mg/kg)	Ingestion SL THQ=1 (mg/kg)	Dermal SL THQ=1 (mg/kg)	Inhalation SL THQ=1 (mg/kg)	Noncarcinogenic SL TH=1 (mg/kg)		
				2.0E-02	P	5.0E+01	I	V		1		1.7E+03	1.4E+09	9.4E+02	Chlorodifluoromethane	75-45-6								2.1E+05	2.1E+05	
												1.1E+05	1.4E+09	7.8E+04	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		1		2.5E+03	1.4E+09	2.6E+03	Chloroform	67-66-3	1.1E+02		1.4E+00	1.4E+00	1.2E+04			1.1E+03	1.0E+03	
												1.3E+03	1.4E+09	1.2E+03	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	Chloromethyl Methyl Ether	107-30-2	1.4E+00		9.5E-02	8.9E-02						
3.0E-01	P			3.0E-03	P	1.0E-05	X			1	0.1		1.4E+09		Chloronitrobenzene, o-	88-73-3	1.1E+01	2.6E+01		7.7E+00	3.5E+03	8.3E+03	6.0E+04	2.4E+03		
6.3E-03	P			1.0E-03	P	6.0E-04	P			1	0.1		1.4E+09		Chloronitrobenzene, p-	100-00-5	5.2E+02	1.2E+03		3.6E+02	1.2E+03	2.8E+03	3.6E+06	8.2E+02		
				5.0E-03	I					1		2.2E+04	1.4E+09	1.2E+05	Chlorophenol, 2-	95-57-8					5.8E+03				5.8E+03	
															Chloropicrin	76-06-2								8.2E+00	8.2E+00	
3.1E-03	C	8.9E-07	C	1.5E-02	I					1	0.1		1.4E+09		Chloroethanol	1897-45-6	1.1E+03	2.5E+03	1.9E+07	7.4E+02	1.8E+04	4.1E+04			1.2E+04	
				2.0E-02	I					1		9.1E+02	1.4E+09	8.1E+03	Chlorotoluene, o-	95-49-8					2.3E+04				2.3E+04	
															Chlorotoluene, p-	106-43-4									2.3E+04	
2.4E+02	C	6.9E-02	C	2.0E-02	X					1	0.1		1.4E+09		Chlorozotocin	54749-90-5	1.4E-02	3.2E-02	2.4E+02	9.6E-03	2.3E+05	5.5E+05			1.6E+05	
				2.0E-01	I					1	0.1		1.4E+09		Chlorpropham	101-21-3										
				1.0E-03	A					1	0.1		1.4E+09		Chlorpyrifos	2921-88-2					1.2E+03	2.8E+03				8.2E+02
				1.0E-02	H					1	0.1		1.4E+09		Chlorpyrifos Methyl	5598-13-0					1.2E+04	2.8E+04				8.2E+03
				5.0E-02	I					1	0.1		1.4E+09		Chlorsulfuron	64902-72-3					5.8E+04	1.4E+05				4.1E+04
				1.0E-02	I					1	0.1		1.4E+09		Chlorthal-dimethyl	1861-32-1					1.2E+04	2.8E+04				8.2E+03
				8.0E-04	H					1	0.1		1.4E+09		Chlorthiophos	60238-56-4					9.3E+02	2.2E+03				6.6E+02
				1.5E+00	I					0.013			1.4E+09		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		0.025			1.4E+09		Chromium(VI)	18540-29-9	6.5E+00		2.0E+02	6.3E+00	3.5E+03			6.0E+05	3.5E+03	
										0.013			1.4E+09		Chromium, Total	7440 47 3										
				1.3E-02	I					1	0.1		1.4E+09		Clofentazine	74115-24-5					1.5E+04	3.6E+04				1.1E+04
				9.0E-03	P	3.0E-04	P	6.0E-06	P				1.4E+09		Cobalt	7440-48-4			1.9E+03	1.9E+03	3.5E+02			3.6E+04	3.5E+02	
				6.2E-04	I					1			1.4E+09		Coke Oven Emissions	8007-45-2					4.7E+04					4.7E+04
				4.0E-02	H					1			1.4E+09		Copper	7440-50-8										4.7E+04
				5.0E-02	I	6.0E-01	C			1	0.1		1.4E+09		Cresol, m-	108-39-4					5.8E+04	1.4E+05	3.6E+09			4.1E+04
				5.0E-02	I	6.0E-01	C			1	0.1		1.4E+09		Cresol, o-	95-48-7					5.8E+04	1.4E+05	3.6E+09			4.1E+04
				1.0E-01	A	6.0E-01	C			1	0.1		1.4E+09		Cresol, p-	106-44-5					1.2E+05	2.8E+05	3.6E+09			8.2E+04
				1.0E-01	A	6.0E-01	C			1	0.1		1.4E+09		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	P					1		1.7E+04	1.4E+09	1.9E+04	Cresols	1319-77-3	1.7E+00		1.7E+00		1.2E+05	2.8E+05	3.6E+09		8.2E+04	
				1.0E-01	I	4.0E-01	I	V		1		2.7E+02	1.4E+09	6.2E+03	Crotonaldehyde, trans-	123-73-9					1.2E+03					1.2E+03
2.2E-01	C	6.3E-05	C							1	0.1		1.4E+09		Cumene	98-82-8	1.5E+01	3.5E+01	2.6E+05	1.0E+01	1.2E+05			1.1E+04	9.9E+03	
8.4E-01	H			2.0E-03	H					1	0.1		1.4E+09		Cupferron	135-20-6	3.9E+00	9.2E+00		2.7E+00	2.3E+03	5.5E+03			1.6E+03	
															Cyanazine	21725-46-2										
				1.0E-03	I					1			1.4E+09		Cyanides						1.2E+03					1.2E+03
				5.0E-03	I					1			1.4E+09		**Calcium Cyanide	592-01-8					5.8E+03					5.8E+03
															**Copper Cyanide	544-92-3										
				6.0E-04	I	8.0E-04	S	V		1		9.7E+05	1.4E+09	3.5E+03	**Cyanide (CN ⁻)	57-12-5					7.0E+02			1.2E+01	1.2E+01	
				1.0E-03	I					1			1.4E+09		**Cyanogen	460-19-5					1.2E+03					1.2E+03
				9.0E-02	I					1			1.4E+09		**Cyanogen Bromide	506-68-3					1.1E+05					1.1E+05
				5.0E-02	I					1			1.4E+09		**Cyanogen Chloride	506-77-4					5.8E+04					5.8E+04
				6.0E-04	I	8.0E-04	I	V		1		1.0E+07	1.4E+09	5.2E+04	**Hydrogen Cyanide	74-90-8					7.0E+02			1.8E+02	1.5E+02	
				2.0E-03	I					1			1.4E+09		**Potassium Cyanide	151-50-8					2.3E+03					2.3E+03
				5.0E-03	I					0.04			1.4E+09		**Potassium Silver Cyanide	506-61-6					5.8E+03					5.8E+03
				1.0E-01	I					0.04			1.4E+09		**Silver Cyanide	506-64-9					1.2E+05					1.2E+05
				1.0E-03	I					1			1.4E+09		**Sodium Cyanide	143-33-9					1.2E+03					1.2E+03
				2.0E-04	P					1			1.4E+09		**Thiocyanates	NA					2.3E+02					2.3E+02
				2.0E-04	X					1			1.4E+09		**Thiocyanic Acid	463-56-9					2.3E+02					2.3E+02
				5.0E-02	I					1			1.4E+09		**Zinc Cyanide	557-21-1					5.8E+04					5.8E+04
															Cyclohexane	110-82-7								2.7E+04	2.7E+04	
2.3E-02	H			6.0E+00	I	V				1	0.1	1.2E+02	1.4E+09	1.0E+03	Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	1.4E+02	3.4E+02		1.0E+02	5.8E+06			1.3E+05	1.3E+05	
				5.0E+00	I	7.0E-01	P	V		1		5.1E+03	1.4E+09	4.2E+04	Cyclohexanone	108-94-1										
				5.0E-03	P	1.0E+00	X	V		1		2.8E+02	1.4E+09	1.5E+03	Cyclohexene	110-83-8					5.8E+03			6.4E+03	3.1E+03	
				2.0E-01	I					1		2.9E+05	1.4E+09	7.5E+04	Cyclohexylamine	108-91-8					2.3E+05				2.3E+05	
				2.5E-02	I					1	0.1		1.4E+09		Cyfluthrin	68359-37-5					2.9E+04	6.9E+04				2.1E+04
				5.0E-03	I																					

Regional Screening Level (RSL) Composite Worker Soil Table (TR=1E-06, HQ=1) November 2015

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-06				Noncancer Hazard Index (HI) = 1				
SFO (mg/kg-day)	k _e (y)	IUR (ug/m ³) ^{1/2}	k _e (y)	RTD ₀ (mg/kg-day)	k _e (y)	RfC _i (mg/m ³)	k _e (y)	muta-gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (mg/kg)	Ingestion SL THQ=1 (mg/kg)	Dermal SL THQ=1 (mg/kg)	Inhalation SL THQ=1 (mg/kg)	Noncarcinogenic SL TH=1 (mg/kg)
1.2E-03	I			4.0E-05	I					1	0.1	1.4E+09		Demeton	8065-48-3					4.7E+01	1.1E+02		3.3E+01
6.1E-02	H			6.0E-01	I					1	0.1	1.4E+09		O(2-ethylhexyl)adipate	103-23-1	2.7E+03	6.4E+03		1.9E+03	7.0E+05	1.7E+06		4.9E+05
														Diallate	2303-16-4	5.4E+01	1.3E+02		3.8E+01				
8.0E-01	P	6.0E-03	P	7.0E-04	A					1	0.1	1.4E+09		Diazinon	333-41-5					8.2E+02	1.9E+03		5.7E+02
														Dibenzothiophene	132-65-0					1.2E+04			1.2E+04
														Dibromo-3-chloropropane, 1,2-	96-12-8	4.1E+00	6.5E-02	6.4E-02		2.3E+02		2.8E+01	2.5E+01
8.4E-02	I			4.0E-04	X					1		1.6E+02	1.4E+09	1.9E+04					4.7E+02			4.7E+02	
														Dibromobenzene, 1,3-	108-36-1					1.2E+04			1.2E+04
														Dibromobenzene, 1,4-	106-37-6					2.3E+04			2.3E+04
														Dibromochloromethane	124-48-1	3.9E+01			3.9E+01				
2.0E+00	I	6.0E-04	I	9.0E-03	I	9.0E-03	I	V		1		1.3E+03	1.4E+09	8.6E+03				1.8E-01	1.6E-01	1.1E+04		3.4E+02	3.3E+02
														Dibromoethane, 1,2-	106-93-4	1.6E+00				1.1E+04		9.9E+01	9.9E+01
														Dibromomethane (Methylene Bromide)	74-95-3					3.5E+02	8.3E+02		2.5E+02
														Dibutyltin Compounds	NA								
														Dicamba	1918-00-9					3.5E+04	8.3E+04		2.5E+04
														Dichloro-2-butene, 1,4-	764-41-0			9.4E-03	9.4E-03				
														Dichloro-2-butene, cis-1,4-	1476-11-5			3.2E-02	3.2E-02				
5.0E-02	I			4.0E-03	I	2.0E-01	H	V		1		7.6E+02	1.4E+09	1.1E+04				3.2E-02	3.2E-02	4.7E+03	1.1E+04	1.0E+04	3.3E+03
														Dichloroacetic Acid	79-43-6	6.5E+01	1.5E+02		4.6E+01	1.1E+05			9.3E+03
														Dichlorobenzene, 1,2-	95-50-1							1.0E+04	9.3E+03
5.4E-03	C	1.1E-05	C	7.0E-02	A	8.0E-01	I	V		1		1.4E+09	1.0E+04	Dichlorobenzene, 1,4-	106-46-7	6.1E+02		1.2E+01	1.1E+01	8.2E+04		3.7E+04	2.5E+04
4.5E-01	I	3.4E-04	C	9.0E-03	X					1	0.1	1.4E+09		Dichlorobenzidine, 3,3'-	91-94-1	7.3E+00	1.7E+01	4.9E+04	5.1E+00				
														Dichlorobenzophenone, 4,4'-	90-98-2					1.1E+04	2.5E+04		7.4E+03
5.7E-03	C	1.6E-06	C	2.0E-01	P	1.0E-01	X	V		1		8.5E+02	1.4E+09	8.4E+02						2.3E+05		3.7E+02	3.7E+02
9.1E-02	I	2.6E-05	I	6.0E-03	X	7.0E-03	P	V		1		1.7E+03	1.4E+09	2.1E+03						2.3E+05		2.3E+05	2.3E+05
														Dichloroethane, 1,1-	75-34-3	5.7E+02		1.6E+01	1.6E+01	7.0E+03		1.4E+02	1.4E+02
														Dichloroethane, 1,2-	107-06-2	3.6E+01		2.2E+00	2.0E+00				
														Dichloroethylene, 1,1	75-35-4					5.8E+04		1.0E+03	1.0E+03
														Dichloroethylene, 1,2-cis	156-59-2					2.3E+03			2.3E+03
														Dichloroethylene, 1,2-trans	156-60-5					2.3E+04			2.3E+04
														Dichlorophenol, 2,4-	120-83-2					3.5E+03	8.3E+03		2.5E+03
														Dichlorophenoxy Acetic Acid, 2,4-	94-75-7					1.2E+04	5.5E+04		9.6E+03
														Dichlorophenoxybutyric Acid, 4-(2,4-	94-82-6					9.3E+03	2.2E+04		6.6E+03
3.6E-02	C	1.0E-05	C	9.0E-02	A	4.0E-03	I	V		1		1.4E+03	1.4E+09	3.8E+03						1.1E+05		6.6E+01	6.6E+01
														Dichloropropane, 1,2-	78-87-5	9.1E+01		4.6E+00	4.4E+00	2.3E+04			2.3E+04
														Dichloropropane, 1,3-	142-28-9					3.5E+03	8.3E+03		2.5E+03
														Dichloropropanol, 2,3-	616-23-9								
1.0E-01	I	4.0E-06	I	3.0E-02	I	2.0E-02	I	V		1		1.6E+03	1.4E+09	3.6E+03						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	0.1	1.4E+09		Dichlorvos	542-75-6	3.3E+01		1.1E+01	8.2E+00	5.8E+02	1.4E+03	3.0E+06	4.1E+02
														Dicrotophos	62-73-7	1.1E+01	2.7E+01	2.0E+05	7.9E+00	1.2E+02	2.8E+02		8.2E+01
														Dicyclopentadiene	77-73-6					9.3E+04		5.4E+00	5.4E+00
1.6E+01	I	4.6E-03	I	5.0E-05	I	5.0E-03	I			1	0.1	1.4E+09		Dieldrin	60-57-1	2.0E-01	4.8E-01	3.6E+03	1.4E-01	5.8E+01	1.4E+02		4.1E+01
														Diesel Engine Exhaust	NA								
														Diethanolamine	111-42-2					2.3E+03	5.5E+03	1.2E+06	1.6E+03
														Diethylene Glycol Monobutyl Ether	112-34-5					3.5E+04	8.3E+04	6.0E+05	2.4E+04
														Diethylene Glycol Monoethyl Ether	111-90-0					7.0E+04	1.7E+05	1.8E+06	4.8E+04
3.5E+02	C	1.0E-01	C	1.0E-03	P					1	0.1	1.1E+05	1.4E+09	1.4E+05						1.2E+03			1.2E+03
														Diethylformamide	617-84-5	9.3E-03	2.2E-02	1.7E+02	6.6E-03				
														Diethylstilbestrol	56-53-1					9.3E+04	2.2E+05		6.6E+04
														Difenzoquat	43222-48-6								
4.4E-02	C	1.3E-05	C	2.0E-02	I					1	0.1	1.4E+09		Diflubenzuron	35367-38-5					2.3E+04	5.5E+04		1.6E+04
														Diffuroethane, 1,1-	75-37-6	7.4E+01		1.2E+02	4.5E+01				
														Dihydroxafrole	94-58-6							2.0E+05	2.0E+05
														Diisopropyl Ether	108-20-3							9.4E+03	9.4E+03
														Diisopropyl Methylphosphonate	1445-75-6					9.3E+04			9.3E+04
														Dimethipin	55290-64-7					2.3E+04	5.5E+04		1.6E+04
1.6E+00	P			2.0E-04	I					1	0.1	1.4E+09		Dimethoate	60-51-5	2.0E+00	4.8E+00		1.4E+00				1.6E+02
1.7E-03	P			6.0E-02	P					1	0.1	1.4E+09		Dimethoxybenzidine, 3,3'-	119-90-4	1.9E+03	4.5E+03		1.4E+03	7.0E+04	1.7E+05		4.9E+04
														Dimethyl methylphosphonate	756-79-6								
4.6E+00	C	1.3E-03	C							1	0.1	1.4E+09		Dimethylamino azobenzene [p-]	60-11-7	7.1E-01	1.7E+00	1.3E+04	5.0E-01				
5.8E-01	H									1	0.1	1.4E+09		Dimethylaniline HCl, 2,4-	21436-96-4	5.6E+00	1.3E+01		4.0E+00				
2.0E-01	P			2.0E-03	X					1	0.1	1.4E+09		Dimethylaniline, 2,4-	95-68-1	1.6E+01	3.9E+01		1.1E+01	2.3E+03	5.5E+03		1.6E+03
1.1E+01	P			2.0E-03	I					1	0.1	8.3E+02	1.4E+09	3.1E+04						2.3E+03			2.3E+03

Regional Screening Level (RSL) Composite Worker Soil Table (TR=1E-06, HQ=1) November 2015

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-06				Noncancer Hazard Index (HI) = 1							
SFO (mg/kg-day)	k _e (y)	IUR (ug/m ³) ^{1/2}	k _e (y)	RTD _o (mg/kg-day)	k _e (y)	RfC _i (ug/m ³)	k _e (y)	o	muta- gen	GIABS	ABS	C _{sat}	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (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)		
4.5E-02	C	1.3E-05	C					V		1		1.3E+03	1.4E+09	9.5E+02	Dimethylvinylchloride	513-37-1	7.3E+01		9.0E-01	8.9E-01						
				8.0E-05	X					1	0.1		1.4E+09		Dinitro-o-cresol, 4,6-	534-52-1					9.3E+01	2.2E+02		6.6E+01		
				2.0E-03	I					1	0.1		1.4E+09		Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5					2.3E+03	5.5E+03		1.6E+03		
				1.0E-04	P					1	0.1		1.4E+09		Dinitrobenzene, 1,2-	528-29-0					1.2E+02	2.8E+02		8.2E+01		
				1.0E-04	I					1	0.1		1.4E+09		Dinitrobenzene, 1,3-	99-65-0					1.2E+02	2.8E+02		8.2E+01		
				1.0E-04	P					1	0.1		1.4E+09		Dinitrobenzene, 1,4-	100-25-4					1.2E+02	2.8E+02		8.2E+01		
				2.0E-03	I					1	0.1		1.4E+09		Dinitrophenol, 2,4-	51-28-5					2.3E+03	5.5E+03		1.6E+03		
6.8E-01	I									1	0.1		1.4E+09		Dinitrotoluene Mixture, 2,4/2,6-	NA	4.8E+00	1.1E+01	1.9E+05	3.4E+00						
3.1E-01	C	8.9E-05	C	2.0E-03	I					1	0.102		1.4E+09		Dinitrotoluene, 2,4-	121-14-2	1.1E+01	2.4E+01	1.9E+05	7.4E+00	2.3E+03	5.4E+03		1.6E+03		
1.5E+00	P			3.0E-04	X					1	0.099		1.4E+09		Dinitrotoluene, 2,6-	606-20-2	2.2E+00	5.2E+00	1.5E+00	1.5E+00	3.5E+02	8.4E+02		2.5E+02		
				2.0E-03	S					1	0.006		1.4E+09		Dinitrotoluene, 2-Amino-4,6-	35572-78-2					2.3E+03	9.2E+04		2.3E+03		
				2.0E-03	S					1	0.009		1.4E+09		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	0.1		1.4E+09		Dinitrotoluene, Technical grade	25321-14-6	7.3E+00	1.7E+01		5.1E+00	1.1E+03	2.5E+03		7.4E+02		
1.0E-01	I	5.0E-06	I	1.0E-03	I					1	0.1		1.4E+09		Dinoseb	88-85-7					1.2E+03	2.8E+03		8.2E+02		
				3.0E-02	I	3.0E-02	I	V		1		1.2E+05	1.4E+09	4.0E+04	Dioxane, 1,4-Dioxins	123-91-1	3.3E+01		9.7E+01	2.4E+01	3.5E+04		5.2E+03		4.5E+03	
6.2E+03	I	1.3E+00	I							1	0.03		1.4E+09		*Hexachlorodibenzo-p-dioxin, Mixture	NA	5.3E-04	4.2E-03	1.3E+01	4.7E-04						
1.3E+05	C	3.8E+01	C	7.0E-10	I	4.0E-08	C	V		1	0.03		1.4E+09	2.0E+06	-TCDD, 2,3,7,8-Diphenamid	1746-01-6 957-51-7	2.5E-05	2.0E-04	6.3E-04	2.2E-05	8.2E-04	6.4E-03	3.4E-01	7.2E-04	2.5E+04	
				3.0E-02	I					1	0.1		1.4E+09		Diphenyl Sulfone	127-63-9					3.5E+04	8.3E+04		2.1E+04		
				8.0E-04	X					1	0.1		1.4E+09		Diphenylamine	122-39-4					9.3E+02	2.2E+03		6.6E+02		
8.0E-01	I	2.2E-04	I	2.5E-02	I					1	0.1		1.4E+09		Diphenylhydrazine, 1,2-Diquat	122-66-7 85-00-7	4.1E+00	9.7E+00	7.6E+04	2.9E+00	2.9E+04	6.9E+04		2.1E+04		
				2.2E-03	I					1	0.1		1.4E+09		Direct Black 38	1937-37-7	4.6E-01	1.1E+00	1.2E+02	3.2E-01	2.6E+03	6.1E+03		1.8E+03		
7.1E+00	C	1.4E-01	C							1	0.1		1.4E+09		Direct Blue 6	2602-46-2	4.4E-01	1.0E+00	1.2E+02	3.1E-01						
7.4E+00	C	1.4E-01	C							1	0.1		1.4E+09		Direct Brown 95	16071-86-6	4.9E-01	1.2E+00	1.2E+02	3.4E-01						
6.7E+00	C	1.4E-01	C	4.0E-05	I					1	0.1		1.4E+09		Disulfoton	298-04-4					4.7E+01	1.1E+02		3.3E+01		
				1.0E-02	I			V		1		1.4E+09	4.5E+04		Dithiane, 1,4-Diuron	505-29-3 930-54-1					1.2E+04			1.2E+04		
				2.0E-03	I					1	0.1		1.4E+09		Dodine	2439-10-3					2.3E+03	5.5E+03		1.6E+03		
				4.0E-03	I					1	0.1		1.4E+09		EPTC	759-94-4					4.7E+03	1.1E+04		3.3E+03		
				2.5E-02	I			V		1		1.4E+09	1.2E+05		Endosulfan	115-29-7					2.9E+04			2.9E+04		
				6.0E-03	I			V		1		1.4E+09	4.1E+05		Endothall	145-73-3					7.0E+03			7.0E+03		
				2.0E-02	I					1	0.1		1.4E+09		Endrin	72-20-8					2.3E+04	5.5E+04		1.6E+04		
				3.0E-04	I					1	0.1		1.4E+09		Epichlorohydrin	106-89-8	3.3E+02		1.9E+02	1.2E+02	3.5E+02	8.3E+02		6.7E+02		
9.9E-03	I	1.2E-06	I	6.0E-03	P	1.0E-03	I	V		1		1.1E+04	1.4E+09	1.9E+04	Epoxybutane, 1,2-Ethanol, 2-(2-methoxyethoxy)	106-88-7 111-77-3					7.0E+03		8.3E+01	8.2E+01	6.7E+02	
				4.0E-02	P					1	0.1		1.4E+09		Ethephon	16672-87-0					4.7E+04	1.1E+05		3.3E+04		
				5.0E-03	I					1	0.1		1.4E+09		Ethion	563-12-2					5.8E+03	1.4E+04		4.1E+03		
				5.0E-04	I					1	0.1		1.4E+09		Ethoxyethanol Acetate, 2-	111-15-9					5.8E+02	1.4E+03		4.1E+02		
				1.0E-01	P	6.0E-02	P	V		1		2.4E+04	1.4E+09	6.2E+04	Ethoxyethanol, 2-Ethoxyethanol, 2-Ethyl Acetate	110-80-5 141-78-6 140-88-5					1.2E+05		1.6E+04	1.4E+04		
				9.0E-02	P	2.0E-01	I	V		1		1.1E+05	1.4E+09	9.8E+04	Ethyl Chloride (Chloroethane)	75-00-3					1.1E+05		8.6E+04	4.7E+04		
				9.0E-01	I	7.0E-02	P	V		1		1.1E+04	1.4E+09	8.6E+03	Ethyl Ether	60-29-7					1.1E+06		2.6E+03	2.6E+03		
				5.0E-03	P	8.0E-03	P	V		1		2.5E+03	1.4E+09	6.3E+03	Ethyl Methacrylate	97-63-2					5.8E+03		2.2E+02	2.1E+02		
				1.0E+01	I			V		1		2.1E+03	1.4E+09	1.3E+03	Ethyl-nitrophenyl Phosphonate	2104-64-5					2.3E+05		7.6E+03	7.6E+03		
				2.0E-01	I			V		1		1.0E+04	1.4E+09	3.1E+03	Ethylbenzene	100-41-4										
				3.0E-01	P			V		1		1.1E+03	1.4E+09	5.8E+03	Ethylene Cyanohydrin	109-78-4	3.0E+02		2.8E+01	2.5E+01	8.2E+04	1.9E+05		2.5E+04		
1.1E-02	C	2.5E-06	C	1.0E-05	I	1.0E+00	I	V		1		4.8E+02	1.4E+09	5.7E+03	Ethylene Diamine	107-15-3					1.2E+01	2.8E+01		8.2E+00		
				7.0E-02	P					1	0.1		1.4E+09		Ethylene Glycol	107-21-1					1.2E+05			2.0E+04		
				9.0E-02	P			V		1		1.9E+05	1.4E+09	1.8E+05	Ethylene Glycol Monobutyl Ether	111-76-2					8.2E+04	1.9E+05		5.7E+04		
				2.0E+00	I	4.0E-01	C	I		1	0.1		1.4E+09		Ethylene Oxide	75-21-8	1.1E+01		8.5E-01	7.9E-01	1.1E+05				1.1E+05	
3.1E-01	C	8.8E-05	C	1.0E-01	I	1.6E+00	I	I		1	0.1		1.4E+09		Ethylene Thiourea	96-45-7	7.3E+01	1.7E+02	1.3E+06	5.1E+01	2.3E+06	5.5E+06	2.4E+09	1.6E+06		
4.5E-02	C	1.3E-05	C	8.0E-05	I					1	0.1		1.4E+09		Ethylamine	151-56-4	5.0E-02	1.5E-02	1.2E-02		1.2E+05	2.8E+05	9.5E+09	8.2E+04		
6.5E+01	C	1.9E-02	C					V		1		1.5E+05	1.4E+09	2.4E+04	Ethylphthalyl Ethyl Glycolate	84-72-0					2.3E+04	5.5E+04		1.6E+04		
				3.0E+00	I					1	0.1		1.4E+09		Fenamiphos	22224-92-6					2.3E+06	8.3E+06		2.5E+06		
				2.5E-04	I					1	0.1		1.4E+09		Fenpropathrin	39515-41-8					2.9E+02	6.9E+02		2.1E+02		
				2.5E-02	I					1	0.1		1.4E+09		Fenvalerate	51630-58-1					2.9E+04	6.9E+04		2.1E+04		
				1.3E-02	I					1	0.1		1.4E+09		Fluometuron	2164-17-2					1.5E+04					

Regional Screening Level (RSL) Composite Worker Soil Table (TR=1E-06, HQ=1) November 2015

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-06				Noncancer Hazard Index (HI) = 1					
SFO (mg/kg-day)	k _e (y)	IUR (ug/m ³ -y)	k _e (y)	RTD _o (mg/kg-day)	k _e (y)	RfC _i (mg/m ³ -y)	k _e (y)	muta-gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (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)	
				6.0E-02	I				1	0.1		1.4E+09		Flutolanil	66332-96-5					7.0E+04	1.7E+05		4.9E+04	
				1.0E-02	I				1	0.1		1.4E+09		Fluvalinate	69409-94-5					1.2E+04	2.8E+04		8.2E+03	
3.5E-03	I			1.0E-01	I				1	0.1		1.4E+09		Folpet	133-07-3	9.3E+02	2.2E+03		6.6E+02	1.2E+05	2.8E+05		8.2E+04	
1.9E-01	I								1	0.1		1.4E+09		Fomesafen	72178-02-0	1.7E+01	4.1E+01		1.2E+01					
				2.0E-03	I				1	0.1		1.4E+09		Fonofos	944-22-9					2.3E+03	5.5E+03		1.6E+03	
		1.3E-05		2.0E-01	I	9.8E-03	A	V	1		4.2E+04	1.4E+09	7.8E+04	Formaldehyde	50-00-0			7.3E+01	7.3E+01	2.3E+05		3.3E+03	3.3E+03	
				9.0E-01	P	3.0E-04	X	V	1		1.1E+05	1.4E+09	9.3E+04	Formic Acid	64-18-6					1.1E+06		1.2E+02	1.2E+02	
				3.0E+00	I				1	0.1		1.4E+09		Fosetyl-AL	39148-24-8					3.5E+06	8.3E+06		2.5E+06	
				1.0E-03	X			V	1	0.03		1.4E+09	2.0E+05	Furans						1.2E+03	9.2E+03		1.0E+03	
				1.0E-03	I			V	1	0.03	6.2E+03	1.4E+09	2.6E+03	-Dibenzofuran	132-64-9					1.2E+03	9.2E+03		1.0E+03	
									1					-Furan	110-00-9					1.2E+03	9.2E+03		1.0E+03	
3.8E+00	H			9.0E-01	I	2.0E+00	I	V	1	0.03	1.7E+05	1.4E+09	1.2E+04	-Tetrahydrofuran	109-99-9					1.1E+06	8.3E+06	1.1E+05	9.6E+04	
				3.0E-03	I	5.0E-02	H	V	1	0.1	1.0E+04	1.4E+09	4.9E+04	Furazolidone	67-45-8	8.6E-01	2.0E+00		6.0E-01					
									1					Furfural	98-01-1					3.5E+03		1.1E+04	2.6E+03	
1.5E+00	C	4.3E-04	C						1	0.1		1.4E+09		Furium	531-82-8	2.2E+00	5.2E+00	3.9E+04	1.5E+00					
3.0E-02	I	8.6E-06	C						1	0.1		1.4E+09		Furmecyclo	60568-05-0	1.1E+02	2.6E+02	1.9E+06	7.7E+01					
				4.0E-04	I				1	0.1		1.4E+09		Glufosinate, Ammonium	77182-82-2					4.7E+02	1.1E+03		3.3E+02	
						8.0E-05	C		1	0.1		1.4E+09		Glutaraldehyde	111-30-8							4.8E+05	4.8E+05	
				4.0E-04	I	1.0E-03	H	V	1	0.1	1.1E+05	1.4E+09	8.4E+04	Glycidyl	765-34-4					4.7E+02		3.7E+02	2.1E+02	
				1.0E-01	I				1	0.1		1.4E+09		Glyphosate	1071-83-6					1.2E+05	2.8E+05		8.2E+04	
				1.0E-02	X			V	1			1.4E+09	1.5E+05	Guanidine	113-00-8					1.2E+04			1.2E+04	
				2.0E-02	P				1	0.1		1.4E+09		Guanidine Chloride	50-01-1					2.3E+04	5.5E+04		1.6E+04	
				5.0E-05	I				1	0.1		1.4E+09		Haloxypol, Methyl	69806-40-2					5.8E+01	1.4E+02		4.1E+01	
4.5E+00	I	1.3E-03	I	5.0E-04	I			V	1			1.4E+09	4.8E+05	Heptachlor	76-44-8	7.3E-01		4.5E+00	6.3E-01	5.8E+02			5.8E+02	
9.1E+00	I	2.6E-03	I	1.3E-05	I			V	1			1.4E+09	8.4E+05	Heptachlor Epoxide	1024-57-3	3.6E-01		4.0E+00	3.3E-01	1.5E+01			1.5E+01	
				2.0E-03	I			V	1			1.4E+09	3.8E+05	Hexabromobenzene	87-82-1					2.3E+03			2.3E+03	
				2.0E-04	I				1	0.1		1.4E+09		Hexabromodiphenyl ether, 2,2',4,4',5,5'-(BDE-153)	68531-49-2					2.3E+02	5.5E+02		1.6E+02	
1.6E+00	I	4.6E-04	I	8.0E-04	I			V	1			1.4E+09	6.8E+04	Hexachlorobenzene	118-74-1	2.0E+00		1.8E+00	9.6E-01	9.3E+02			9.3E+02	
7.8E-02	I	2.2E-05	I	1.0E-03	P			V	1		1.7E+01	1.4E+09	1.1E+04	Hexachlorobutadiene	87-68-3	4.2E+01		6.0E+00	5.3E+00	1.2E+03			1.2E+03	
6.3E+00	I	1.8E-03	I	8.0E-03	A				1	0.1		1.4E+09		Hexachlorocyclohexane, Alpha	319-84-6	5.2E-01	1.2E+00	9.3E+03	3.6E-01	9.3E+03	2.2E+04		6.6E+03	
1.8E+00	I	5.3E-04	I						1	0.1		1.4E+09		Hexachlorocyclohexane, Beta	319-85-7	1.8E+00	4.3E+00	3.1E+04	1.3E+00					
1.1E+00	C	3.1E-04	C	3.0E-04	I				1	0.04		1.4E+09		Hexachlorocyclohexane, Gamma-(Lindane)	58-89-9	3.0E+00	1.8E+01	5.4E+04	2.5E+00	3.5E+02	2.1E+03		3.0E+02	
1.8E+00	I	5.1E-04	I						1	0.1		1.4E+09		Hexachlorocyclohexane, Technical	608-73-1	1.8E+00	4.3E+00	3.3E+04	1.3E+00					
				6.0E-03	I	2.0E-04	I	V	1		1.6E+01	1.4E+09	8.5E+03	Hexachlorocyclopentadiene	77-47-4					7.0E+03		7.5E+00	7.5E+00	
4.0E-02	I	1.1E-05	C	7.0E-04	I	3.0E-02	I	V	1			1.4E+09	8.0E+03	Hexachloroethane	67-72-1	8.2E+01		8.9E+00	8.0E+00	8.2E+02		1.1E+03	4.6E+02	
1.1E-01	I			3.0E-04	I				1	0.1		1.4E+09		Hexachlorophene	70-30-4					3.5E+02	8.3E+02		2.5E+02	
				3.0E-03	I				1	0.015		1.4E+09		Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4	3.0E+01	4.7E+02		2.8E+01	3.5E+03	5.5E+04		1.3E+01	
						1.0E-05	I	V	1		3.4E+03	1.4E+09	3.0E+05	Hexamethylene Diisocyanate, 1,6	822-06-0								1.3E+01	
				4.0E-04	P				1	0.1		1.4E+09		Hexamethylphosphoramide	680-31-9					4.7E+02	1.1E+03		3.3E+02	
						7.0E-01	I	V	1		1.4E+02	1.4E+09	8.3E+02	Hexane, N-	110-54-3							2.5E+03	2.5E+03	
				2.0E+00	P				1	0.1		1.4E+09		Hexanedioic Acid	124-04-9					2.3E+06	5.5E+06		1.6E+06	
				5.0E-03	I	3.0E-02	I	V	1		3.3E+03	1.4E+09	1.3E+04	Hexanone, 2-	591-78-6					5.8E+03		1.7E+03	1.3E+03	
				3.3E-02	I				1	0.1		1.4E+09		Hexazinone	51235-04-2					3.9E+04	9.1E+04		2.7E+04	
				2.5E-02	I				1	0.1		1.4E+09		Hexythiazox	78587-05-0					2.9E+04	6.9E+04		2.1E+04	
				3.0E-04	I				1	0.1		1.4E+09		Hydrathemylon	67485-29-4					3.5E+02	8.3E+02		2.5E+02	
3.0E+00	I	4.9E-03	I			3.0E-05	P	V	1			1.4E+09		Hydrazine	302-01-2	1.1E+00		3.4E+03	1.1E+00			1.8E+05	1.8E+05	
3.0E+00	I	4.9E-03	I						1			1.4E+09		Hydrazine Sulfate	10034-93-2	1.1E+00		3.4E+03	1.1E+00					
				4.0E-02	C	1.4E-02	C	V	1			1.4E+09		Hydrogen Chloride	7647-01-0					4.7E+04		1.2E+08	1.2E+08	
						2.0E-03	I	V	1			1.4E+09		Hydrogen Fluoride	7664-39-3							8.3E+07	4.7E+04	
						2.0E-03	I	V	1			1.4E+09		Hydrogen Sulfide	7783-06-4							1.2E+07	1.2E+07	
6.0E-02	P			4.0E-02	P				1	0.1		1.4E+09		Hydroquinone	123-31-9	5.5E+01	1.3E+02		3.8E+01	4.7E+04	1.1E+05			3.3E+04
				1.3E-02	I				1	0.1		1.4E+09		Imazalil	35554-44-0					1.5E+04	3.6E+04		1.1E+04	
				2.5E-01	I				1	0.1		1.4E+09		Imazaquin	81335-37-7					2.9E+05	6.9E+05		2.1E+05	
				2.5E-01	I				1	0.1		1.4E+09		Imazethapyr	81335-77-5					2.9E+05	6.9E+05		2.1E+05	
				1.0E-02	A				1			1.4E+09		Iodine	7553-56-2					1.2E+04			1.2E+04	
				4.0E-02	I				1	0.1		1.4E+09		Iprodione	36734-19-7					4.7E+04	1.1E+05		3.3E+04	
				7.0E-01	P				1			1.4E+09		Iron	7439-89-6					8.2E+05			8.2E+05	
				3.0E-01	I			V	1		1.0E+04	1.4E+09	2.8E+04	Isobutyl Alcohol										

Regional Screening Level (RSL) Composite Worker Soil Table (TR=1E-06, HQ=1) November 2015

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-06				Noncancer Hazard Index (HI) = 1					
SFO (mg/kg-day) ¹	ke (y)	IUR (ug/m ³) ²	ke (y)	RTD _o (mg/kg-day)	ke (y)	RfC _i (mg/m ³) ³	ke (y)	muta-gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (mg/kg)	Ingestion SL THQ=1 (mg/kg)	Dermal SL THQ=1 (mg/kg)	Inhalation SL THQ=1 (mg/kg)	Noncarcinogenic SL TH=1 (mg/kg)	
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C	M	0.025			1.4E+09		Lead Compounds										
8.5E-03	C	1.2E-05	C						1			1.4E+09		**Lead Chromate	7758-97-6	6.5E+00		1.1E+02	6.2E+00	2.3E+04			1.2E+06	2.3E+04
									1			1.4E+09		**Lead Phosphate	7446-27-7	3.8E+02		1.4E+06	3.8E+02					
2.8E-01	C	8.0E-05	C						1	0.1		1.4E+09		**Lead acetate	301-04-2	1.2E+01	2.8E+01	2.1E+05	8.2E+00					
									1			1.4E+09		**Lead and Compounds	7439-92-1									8.0E+02
8.5E-03	C	1.2E-05	C						1	0.1		1.4E+09		**Lead subacetate	1335-32-6	3.8E+02	9.1E+02	1.4E+06	2.7E+02					
				1.0E-07	I		V		1		2.4E+00	1.4E+09	1.9E+03	**Tetraethyl Lead	78-00-2					1.2E-01				1.2E-01
				5.0E-06	P		V		1		3.8E+02	1.4E+09	2.6E+04	Lewisite	541-25-3					5.8E+00				5.8E+00
				2.0E-03	I				1	0.1		1.4E+09		Linuron	330-55-2					2.3E+03	5.5E+03			1.6E+03
				2.0E-03	P				1			1.4E+09		Lithium	7439-93-2					2.3E+03				2.3E+03
				5.0E-04	I				1	0.1		1.4E+09		MCPA	94-74-6					5.8E+02	1.4E+03			4.1E+02
				1.0E-02	I				1	0.1		1.4E+09		MCPB	94-81-5					1.2E+04	2.8E+04			8.2E+03
				1.0E-03	I				1	0.1		1.4E+09		MCPP	93-65-2					1.2E+03	2.8E+03			8.2E+02
				2.0E-02	I				1	0.1		1.4E+09		Malathion	121-75-5					2.3E+04	5.5E+04			1.6E+04
				1.0E-01	I	7.0E-04	C		1	0.1		1.4E+09		Maleic Anhydride	108-31-6					1.2E+05	2.8E+05	4.2E+06		8.0E+04
				5.0E-01	I				1	0.1		1.4E+09		Maleic Hydrazide	123-33-1					5.8E+05	1.4E+06			4.1E+05
				1.0E-04	P				1	0.1		1.4E+09		Malononitrile	109-77-3					1.2E+02	2.8E+02			8.2E+01
				3.0E-02	H				1	0.1		1.4E+09		Mancozeb	8018-01-7					3.5E+04	8.3E+04			2.5E+04
				5.0E-03	I				1	0.1		1.4E+09		Maneb	12427-38-2					5.8E+03	1.4E+04			4.1E+03
				1.4E-01	I	5.0E-05	I		1			1.4E+09		Manganese (Diet)	7439-96-5									
				2.4E-02	S	5.0E-05	I		0.04			1.4E+09		Manganese (Non-diet)	7439-96-5					2.8E+04		3.0E+05		2.6E+04
				9.0E-05	H				1	0.1		1.4E+09		Mephostolan	950-10-7					1.1E+02	2.5E+02			7.4E+01
				3.0E-02	I				1	0.1		1.4E+09		Mepiquat Chloride	24307-26-4					3.5E+04	8.3E+04			2.5E+04
														Mercury Compounds										
				3.0E-04	I	3.0E-04	S		0.07			1.4E+09		**Mercuric Chloride (and other Mercury salts)	7487-94-7					3.5E+02		1.8E+06		3.5E+02
						3.0E-04	I	V	1		3.1E+00	1.4E+09	3.5E+04	**Mercury (elemental)	7439-97-6							4.6E+01		4.6E+01
				1.0E-04	I				1			1.4E+09		**Methyl Mercury	22967-92-6					1.2E+02				1.2E+02
				8.0E-05	I				1	0.1		1.4E+09		**Phenylmercuric Acetate	67-38-4					9.3E+01	2.2E+02			6.6E+01
				3.0E-05	I		V		1		1.4E+09	1.9E+06		Merphos	150-50-5					3.5E+01				3.5E+01
				3.0E-05	I				1	0.1		1.4E+09		Merphos Oxide	78148-8					3.5E+01	8.3E+01			2.5E+01
				6.0E-02	I				1	0.1		1.4E+09		Metalaxyl	57837-19-1					7.0E+04	1.7E+05			4.9E+04
				1.0E-04	I	3.0E-02	P	V	1		4.6E+03	1.4E+09	6.8E+03	Methacrylonitrile	126-98-7					1.2E+02		8.9E+02		1.0E+02
				5.0E-05	I				1	0.1		1.4E+09		Methamidophos	10265-92-6					5.8E+01	1.4E+02			4.1E+01
				2.0E+00	I	2.0E+01	I	V	1		1.1E+05	1.4E+09	2.9E+04	Methanol	67-56-1					2.3E+06		2.5E+06		1.2E+06
				1.0E-03	I				1	0.1		1.4E+09		Methidathion	950-37-8					1.2E+03	2.8E+03			8.2E+02
				2.5E-02	I				1	0.1		1.4E+09		Methomyl	16752-77-5					2.9E+04	6.9E+04			2.1E+04
4.9E-02	C	1.4E-05	C						1	0.1		1.4E+09		Methoxy-5-nitroaniline, 2-	99-59-2	6.7E+01	1.6E+02	1.2E+06	4.7E+01					
				5.0E-03	I				1	0.1		1.4E+09		Methoxychlor	72-43-5					5.8E+03	1.4E+04			4.1E+03
				8.0E-03	P	1.0E-03	P	V	1		1.2E+05	1.4E+09	1.2E+05	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		1.1E+05	1.4E+09	1.0E+05	Methoxyethanol, 2-	109-86-4					5.8E+03		8.8E+03		3.5E+03
				1.0E+00	X		V		1		2.9E+04	1.4E+09	8.1E+03	Methyl Acetate	79-20-9					1.2E+06				1.2E+06
						2.0E-02	P	V	1		6.8E+03	1.4E+09	7.0E+03	Methyl Acrylate	96-33-3							6.1E+02		6.1E+02
				6.0E-01	I	5.0E+00	I	V	1		2.8E+04	1.4E+09	1.2E+04	Methyl Ethyl Ketone (2-Butanone)	78-93-3					7.0E+05		2.7E+05		1.9E+05
				1.0E-03	X				1		1.8E+05	1.4E+09	5.0E+04	Methyl Hydrazine	60-34-4			6.2E-01	6.2E-01	1.2E+05		4.4E+00		4.4E+00
						3.0E+00	I	V	1		3.4E+03	1.4E+09	1.1E+04	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1							1.4E+05		1.4E+05
						1.0E-03	C	V	1		1.0E+04	1.4E+09	4.4E+03	Methyl Isocyanate	624-83-9							1.9E+01		1.9E+01
				1.4E+00	I	7.0E-01	I	V	1		2.4E+03	1.4E+09	6.3E+03	Methyl Methacrylate	80-62-6					1.6E+06		1.9E+04		1.9E+04
				2.5E-04	I				1	0.1		1.4E+09		Methyl Parathion	298-00-0					2.9E+02	6.9E+02			2.1E+02
				6.0E-02	X				1	0.1		1.4E+09		Methyl Phosphonic Acid	993-13-5					7.0E+04	1.7E+05			4.9E+04
				6.0E-03	H	4.0E-02	H	V	1		3.9E+02	1.4E+09	2.4E+04	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	0.1		1.4E+09		Methyl methanesulfonate	66-27-3	3.3E+01	7.8E+01	6.0E+05	2.3E+01					
1.8E-03	C	2.6E-07	C			3.0E+00	I	V	1		8.9E+03	1.4E+09	4.9E+03	Methyl tert-Butyl Ether (MTBE)	1634-04-4	1.8E+03		2.3E+02	2.1E+02				6.4E+04	6.4E+04
				3.0E-04	X				1	0.1		1.4E+09		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	0.1		1.4E+09		Methyl-5-Nitroaniline, 2-	99-55-8	3.6E+02	8.6E+02		2.6E+02	2.3E+04	5.5E+04			1.6E+04
8.3E+00	C	2.4E-03	C						1	0.1		1.4E+09		Methyl-N-nitro-N-nitrosoguanidine, N-	70-25-7	3.9E+01	9.3E-01	6.9E+03	2.8E-01					
1.3E-01	C	3.7E-05	C						1	0.1		1.4E+09		Methylaniline Hydrochloride, 2-	636-21-5	2.5E+01	5.9E+01	4.5E+05	1.8E+01					
				1.0E-02	A				1	0.1		1.4E+09		Methylarsonic acid	124-58-3					1.2E+04	2.8E+04			8.2E+03
				2.0E-04	X				1	0.1		1.4E+09		Methylbenzene, 1,4-diamine monohydrochloride, 2-	74612-12-7					2.3E+02	5.5E+02			1.6E+02
1.0E-01	X																							

Regional Screening Level (RSL) Composite Worker Soil Table (TR=1E-06, HQ=1) November 2015

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-06				Noncancer Hazard Index (HI) = 1					
SFO (mg/kg-day) ¹	k _e (y)	IUR (ug/m ³) ²	k _e (y)	RTD _o (mg/kg-day)	k _e (y)	RfC _i (mg/m ³)	k _e (y)	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (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-02	H		V		1		5.0E+02	1.4E+09	1.3E+04	Methylstyrene, Alpha-	98-83-9					8.2E+04			8.2E+04	
				1.5E-01	I				1	0.1		1.4E+09		Metolachlor	51218-45-2					1.8E+05	4.1E+05		1.2E+05	
				2.5E-02	I				1	0.1		1.4E+09		Metribuzin	21087-64-9					2.9E+04	6.9E+04		2.1E+04	
				2.5E-01	I				1	0.1		1.4E+09		Metsulfuron-methyl	74223-64-6					2.9E+05	6.9E+05		2.1E+05	
1.8E+01	C	5.1E-03	C	3.0E+00	P		V		1		3.4E-01	1.4E+09	1.4E+03	Mineral oils	8012-95-1					3.5E+06			3.5E+06	
				2.0E-04	I		V		1			1.4E+09	8.6E+05	Mirex	2385-85-5	1.8E-01		2.1E+00	1.7E-01	2.3E+02			2.3E+02	
				2.0E-03	I				1	0.1		1.4E+09		Molinate	2212-67-1					2.3E+03	5.5E+03		1.6E+03	
				5.0E-03	I				1			1.4E+09		Molybdenum	7439-98-7					5.8E+03			5.8E+03	
				1.0E-01	I				1			1.4E+09		Monochloramine	10599-90-3					1.2E+05			1.2E+05	
				2.0E-03	P				1	0.1		1.4E+09		Monomethylaniline	100-61-8					2.3E+03	5.5E+03		1.6E+03	
				2.5E-02	I				1	0.1		1.4E+09		Myclobutanil	88671-89-0					2.9E+04	6.9E+04		2.1E+04	
				3.0E-04	X				1	0.1		1.4E+09		N,N'-Diphenyl-1,4-benzenediamine	74-31-7					3.5E+02	8.3E+02		2.5E+02	
				2.0E-03	I		V		1			1.4E+09	5.7E+04	Naled	300-76-5					2.3E+03			2.3E+03	
1.8E+00	C	0.0E+00	C	3.0E-02	X	1.0E-01	P	V	1			1.4E+09		Naphtha, High Flash Aromatic (HFAN)	64742-95-6	1.8E+00	4.3E+00		1.3E+00	3.5E+04		6.0E+08	3.5E+04	
				1.0E-01	I				1	0.1		1.4E+09		Naphthylamine, 2-	91-59-8					1.2E+05	2.8E+05		8.2E+04	
				1.0E-01	I				1	0.1		1.4E+09		Napropamide	15299-99-7					1.2E+05	2.8E+05		8.2E+04	
2.6E-04	C	1.1E-02	C	1.1E-02	C	1.4E-05	C		1	0.1		1.4E+09		Nickel Acetate	373-02-4			6.4E+04	6.4E+04	1.3E+04	3.0E+04	8.3E+04	8.1E+03	
2.6E-04	C	1.1E-02	C	1.1E-02	C	1.4E-05	C		1	0.1		1.4E+09		Nickel Carbonate	3333-67-3			6.4E+04	6.4E+04	1.3E+04	3.0E+04	8.3E+04	8.1E+03	
2.6E-04	C	1.1E-02	C	1.1E-02	C	1.4E-05	C	V	1			1.4E+09		Nickel Carbonyl	13463-39-3			6.4E+04	6.4E+04	1.3E+04	3.0E+04	8.3E+04	1.1E+04	
2.6E-04	C	1.1E-02	C	1.1E-02	C	1.4E-05	C		0.04			1.4E+09		Nickel Hydroxide	12054-48-7			6.4E+04	6.4E+04	1.3E+04	3.0E+04	8.3E+04	1.1E+04	
2.6E-04	C	1.1E-02	C	2.0E-05	C				0.04			1.4E+09		Nickel Oxide	1313-99-1			6.4E+04	6.4E+04	1.3E+04	3.0E+04	1.2E+05	1.2E+04	
2.4E-04	I	1.1E-02	C	1.4E-05	C				0.04			1.4E+09		Nickel Refinery Dust	NA			6.9E+04	6.9E+04	1.3E+04	3.0E+04	8.3E+04	1.1E+04	
1.7E+00	C	4.8E-04	I	1.1E-02	C	1.4E-05	C		0.04			1.4E+09		Nickel Soluble Salts	7440-02-0	1.9E+00		6.4E+04	6.4E+04	1.3E+04	3.0E+04	5.4E+05	2.2E+04	
				2.6E-04	C	1.1E-02	C	1.4E-05	C	1	0.1	1.4E+09		Nickel Sulfide	12035-72-2			6.4E+04	1.9E+00	1.3E+04	3.0E+04	8.3E+04	1.1E+04	
				2.6E-04	C	1.1E-02	C	1.4E-05	C	1	0.1	1.4E+09		Nickelocene	1271-28-9			6.4E+04	6.4E+04	1.3E+04	3.0E+04	8.3E+04	8.1E+03	
				1.6E+00	I				1			1.4E+09		Nitrate	14797-55-8					1.9E+06			1.9E+06	
				1.0E-01	I				1			1.4E+09		Nitrate, Nitrite (as N)	NA					1.2E+05			1.2E+05	
				1.0E-01	I				1			1.4E+09		Nitrite	14797-65-0					1.2E+05			1.2E+05	
2.0E-02	P	4.0E-05	I	1.0E-02	X	5.0E-05	X		1	0.1		1.4E+09		Nitroaniline, 2-	88-74-4	1.6E+02	3.9E+02		1.1E+02	4.7E+03	1.1E+04	3.6E+07	3.3E+03	
				4.0E-03	P	6.0E-03	P		1	0.1		1.4E+09		Nitroaniline, 4-	100-01-6			2.2E+01	2.2E+01	2.3E+03		2.9E+03	1.3E+03	
				2.0E-03	I	9.0E-03	I	V	1		3.1E+03	1.4E+09	7.3E+04	Nitrobenzene	98-95-3					2.3E+03			2.9E+03	
1.3E+00	C	3.7E-04	C	3.0E+03	P				1	0.1		1.4E+09		Nitrocellulose	9004-70-0	2.5E+00	5.9E+00	4.5E+04	1.8E+00	3.5E+09	8.3E+09		2.5E+09	
				7.0E-02	H				1	0.1		1.4E+09		Nitrofurantoin	67-20-9					8.2E+04	1.9E+05		5.7E+04	
				7.0E-02	H				1	0.1		1.4E+09		Nitrofurazone	59-87-0					8.2E+04	1.9E+05		5.7E+04	
1.7E-02	P			1.0E-04	P				1	0.1		1.4E+09		Nitroglycerin	55-63-0	1.9E+02	4.5E+02		1.4E+02	1.2E+02	2.8E+02		8.2E+01	
				1.0E-01	I				1	0.1		1.4E+09		Nitroguanidine	556-88-7					1.2E+05	2.8E+05		8.2E+04	
				8.8E-06	P				1		1.8E+04	1.4E+09	1.7E+04	Nitromethane	75-52-5			2.4E+01	2.4E+01	1.2E+05	2.8E+05	3.7E+02	3.7E+02	
2.7E+01	C	7.7E-03	C	2.7E-03	H	2.0E-02	I	V	1		4.9E+03	1.4E+09	1.3E+04	Nitropropane, 2-	79-46-9	1.2E-01	2.9E-01	6.0E-02	6.0E-02	4.7E+03	1.1E+04	3.6E+07	3.3E+03	
1.2E+02	C	3.4E-02	C	7.7E-03	C				M	1	0.1	1.4E+09		Nitroso-N-ethylurea, N-	759-73-9	2.7E-02	6.4E-02	4.9E+02	1.9E-02	4.7E+03	1.1E+04	3.6E+07	3.3E+03	
5.4E+00	I	1.6E-03	I	1.6E-03	I				V	1		1.4E+09	2.4E+05	Nitroso-N-methylurea, N-	684-93-5					2.3E+03			2.9E+03	
7.0E+00	I	2.0E-03	C	1.6E-03	I				1	0.1		1.4E+09		Nitroso-di-N-butylamine, N-	924-16-3	6.1E-01		1.9E+00	4.6E-01	2.3E+03			2.9E+03	
2.8E+00	I	8.0E-04	C	1.6E-03	I				1	0.1		1.4E+09		Nitroso-di-N-propylamine, N-	621-64-7	4.7E-01	1.1E+00	8.3E+03	3.3E-01	2.3E+03			2.9E+03	
				1.5E+02	I	4.3E-02	I		M	1	0.1	1.4E+09		Nitrosodiethanolamine, N-	1116-54-7	1.2E+00	2.8E+00	2.1E+04	8.2E-01	2.3E+03			2.9E+03	
5.1E+01	I	1.4E-02	I	8.0E-06	P	4.0E-05	X	V	M	1		2.4E+05	1.4E+09	8.2E+04	Nitrosodimethylamine, N-	55-18-5	2.2E-02	5.2E-02	3.9E+02	1.5E-02	9.3E+00		1.4E+01	5.7E+00
4.9E-03	I	2.6E-06	C	1.4E-02	I				1	0.1		1.4E+09		Nitrosodiphenylamine, N-	62-75-9	6.4E-02		7.2E-02	3.4E-02	9.3E+00		1.4E+01	5.7E+00	
2.2E+01	I	6.3E-03	C	1.4E-02	I				V	1		1.1E+05	1.4E+09	1.2E+05	Nitrosomethylethylamine, N-	10595-95-6	1.5E-01		2.4E-01	9.1E-02				
6.7E+00	C	1.9E-03	C	1.4E-02	I				1	0.1		1.4E+09		Nitrosomorpholine [N-]	59-89-2	4.9E-01	1.2E+00	8.8E+03	3.4E-01					
9.4E+00	C	2.7E-03	C	1.4E-02	I				1	0.1		1.4E+09		Nitrosopiperidine [N-]	100-75-4	3.5E-01	8.2E-01	6.2E+03	2.4E-01					
2.1E+00	I	6.1E-04	I	1.0E-04	X				1	0.1		1.4E+09		Nitrosopyrrolidine, N-	930-55-2	1.6E+00	3.7E+00	2.7E+04	1.1E+00	1.2E+02	2.8E+02		8.2E+01	
2.2E-01	P			9.0E-04	P				V	1		1.5E+03	1.4E+09	1.4E+05	Nitrotoluene, m-	99-08-1					1.1E+03		1.1E+03	
				4.0E-03	P				1	0.1		1.4E+09		Nitrotoluene, p-	99-99-0	2.0E+02	4.8E+02		1.4E+02	4.7E+03	1.1E+04		3.3E+03	
1.6E-02	P			3.0E-04	X	2.0E-02	P	V	1		6.9E+00	1.4E+09	1.0E+03	Nonane, n-	111-84-2					3.5E+02		9.1E+01	7.2E+01	
				4.0E-02	I				1	0.1		1.4E+09		Norflurazon	27314-13-2					4.7E+04	1.1E+05		3.3E+04	
				3.0E-03	I				1	0.1		1.4E+09		Octabromodiphenyl Ether	32536-52-0					3.5E+03	8.3E+03		2.5E+03	
				5.0E-02	I	</																		

Regional Screening Level (RSL) Composite Worker Soil Table (TR=1E-06, HQ=1) November 2015

Toxicity and Chemical-specific Information													Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1					
SFO (mg/kg-day)	ke (y)	IUR (ug/m ³ -y)	ke (y)	RTD _o (mg/kg-day)	ke (y)	RfC _i (mg/m ³ -y)	ke (y)	muta-gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (mg/kg)	Ingestion SL THQ=1 (mg/kg)	Dermal SL THQ=1 (mg/kg)	Inhalation SL THQ=1 (mg/kg)	Noncarcinogenic SL TH=1 (mg/kg)	
				5.0E-02	H			V	1			1.4E+09	4.5E+04	Pebulate	1114-71-2					5.8E+04				5.8E+04
				4.0E-02	I				1	0.1		1.4E+09		Pendimethalin	40487-42-1					4.7E+04	1.1E+05			3.3E+04
				2.0E-03	I			V	1		3.1E-01	1.4E+09	5.1E+05	Pentabromodiphenyl Ether	32534-81-9					2.3E+03				2.3E+03
				1.0E-04	I				1	0.1		1.4E+09		Pentabromodiphenyl ether, 2,2',4,4',5'- (BDE-99)	60348-60-9					1.2E+02	2.8E+02			8.2E+01
				8.0E-04	I			V	1			1.4E+09	8.1E+04	Pentachlorobenzene	608-93-5					9.3E+02				9.3E+02
9.0E-02	P							V	1		4.6E+02	1.4E+09	9.7E+03	Pentachloroethane	76-01-7	3.6E+01			3.6E+01					
2.6E-01	H			3.0E-03	I			V	1		1.4E+09	4.3E+05		Pentachloronitrobenzene	82-68-8	1.3E+01			1.3E+01	3.5E+03				3.5E+03
4.0E-01	I	5.1E-06	C	5.0E-03	I				1	0.25		1.4E+09		Pentachlorophenol	87-86-5	8.2E+00	7.7E+00	3.3E+06	4.0E+00	5.8E+03	5.5E+03			2.8E+03
4.0E-03	X			2.0E-03	P				1	0.1		1.4E+09		Pentaerythritol tetranitrate (PETN)	78-11-5	8.2E+02	1.9E+03		5.7E+02	2.3E+03	5.5E+03			1.6E+03
						1.0E+00	P	V	1		3.9E+02	1.4E+09	7.8E+02	Pentane, n-Perchlorates	109-66-0							3.4E+03		3.4E+03
				7.0E-04	I				1			1.4E+09		**Ammonium Perchlorate	7790-98-9					8.2E+02				8.2E+02
				7.0E-04	I				1			1.4E+09		**Lithium Perchlorate	7791-03-9					8.2E+02				8.2E+02
				7.0E-04	I				1			1.4E+09		**Perchlorate and Perchlorate Salts	14797-73-0					8.2E+02				8.2E+02
				7.0E-04	I				1			1.4E+09		**Potassium Perchlorate	7778-74-7					8.2E+02				8.2E+02
				7.0E-04	I				1			1.4E+09		**Sodium Perchlorate	7601-89-0					8.2E+02				8.2E+02
				2.0E-02	P			V	1			1.4E+09	1.3E+05	Perfluorobutane Sulfonate	375-73-5					2.3E+04				2.3E+04
				5.0E-02	I				1	0.1		1.4E+09		Permethrin	52645-53-1					5.8E+04	1.4E+05			4.1E+04
2.2E-03	C	6.3E-07	C						1	0.1		1.4E+09		Phenacetin	62-44-2	1.5E+03	3.5E+03	2.6E+07	1.0E+03	2.9E+05	6.9E+05			2.1E+05
				2.5E-01	I				1	0.1		1.4E+09		Phenmedipham	13684-63-4					2.9E+05	6.9E+05			2.1E+05
				3.0E-01	I	2.0E-01	C		1	0.1		1.4E+09		Phenol	108-95-2					3.5E+05	8.3E+05	1.2E+09		2.5E+05
				5.0E-04	X				1	0.1		1.4E+09		Phenothiazine	92-84-2					5.8E+02	1.4E+03			4.1E+02
				6.0E-03	I				1	0.1		1.4E+09		Phenylenediamine, m-	108-45-2					7.0E+03	1.7E+04			4.9E+03
4.7E-02	H								1	0.1		1.4E+09		Phenylenediamine, o-	95-54-5	7.0E+01	1.6E+02		4.9E+01					
				1.9E-01	H				1	0.1		1.4E+09		Phenylenediamine, p-	106-50-3					2.2E+05	5.2E+05			1.6E+05
1.9E-03	H								1	0.1		1.4E+09		Phenylphenol, 2-	90-43-7	1.7E+03	4.0E+03		1.2E+03					
				2.0E-04	H				1	0.1		1.4E+09		Phorate	298-02-2					2.3E+02	5.5E+02			1.6E+02
						3.0E-04	I	V	1		1.6E+03	1.4E+09	9.8E+02	Phosgene	75-44-5							1.3E+00		1.3E+00
				2.0E-02	I				1	0.1		1.4E+09		Phosmet	732-11-6					2.3E+04	5.5E+04			1.6E+04
														Phosphates, Inorganic										
				4.9E+01	P				1			1.4E+09		**Aluminum metaphosphate	13776-88-0					5.7E+07				5.7E+07
				4.9E+01	P				1			1.4E+09		**Ammonium polyphosphate	68333-79-9					5.7E+07				5.7E+07
				4.9E+01	P				1			1.4E+09		**Calcium pyrophosphate	7790-76-3					5.7E+07				5.7E+07
				4.9E+01	P				1			1.4E+09		**Diammonium phosphate	7783-28-0					5.7E+07				5.7E+07
				4.9E+01	P				1			1.4E+09		**Dicalcium phosphate	7757-93-9					5.7E+07				5.7E+07
				4.9E+01	P				1			1.4E+09		**Dimagnesium phosphate	7782-75-4					5.7E+07				5.7E+07
				4.9E+01	P				1			1.4E+09		**Dipotassium phosphate	7758-11-4					5.7E+07				5.7E+07
				4.9E+01	P				1			1.4E+09		**Disodium phosphate	7558-79-4					5.7E+07				5.7E+07
				4.9E+01	P				1			1.4E+09		**Monoaluminum phosphate	13530-50-2					5.7E+07				5.7E+07
				4.9E+01	P				1			1.4E+09		**Monoammonium phosphate	7722-76-1					5.7E+07				5.7E+07
				4.9E+01	P				1			1.4E+09		**Monocalcium phosphate	7758-23-8					5.7E+07				5.7E+07
				4.9E+01	P				1			1.4E+09		**Monomagnesium phosphate	7757-86-0					5.7E+07				5.7E+07
				4.9E+01	P				1			1.4E+09		**Monopotassium phosphate	7778-77-0					5.7E+07				5.7E+07
				4.9E+01	P				1			1.4E+09		**Monosodium phosphate	7558-80-7					5.7E+07				5.7E+07
				4.9E+01	P				1			1.4E+09		**Polyphosphoric acid	8017-16-1					5.7E+07				5.7E+07
				4.9E+01	P				1			1.4E+09		**Potassium triphosphate	13845-36-8					5.7E+07				5.7E+07
				4.9E+01	P				1			1.4E+09		**Sodium acid pyrophosphate	7758-16-9					5.7E+07				5.7E+07
				4.9E+01	P				1			1.4E+09		**Sodium aluminum phosphate (acidic)	7785-88-8					5.7E+07				5.7E+07
				4.9E+01	P				1			1.4E+09		**Sodium aluminum phosphate (anhydrous)	10279-59-1					5.7E+07				5.7E+07
				4.9E+01	P				1			1.4E+09		**Sodium aluminum phosphate (tetrahydrate)	10305-76-7					5.7E+07				5.7E+07
				4.9E+01	P				1			1.4E+09		**Sodium hexametaphosphate	10124-56-8					5.7E+07				5.7E+07
				4.9E+01	P				1			1.4E+09		**Sodium polyphosphate	68915-31-1					5.7E+07				5.7E+07
				4.9E+01	P				1			1.4E+09		**Sodium trimetaphosphate	7785-84-4					5.7E+07				5.7E+07
				4.9E+01	P				1			1.4E+09		**Sodium triphosphate	7758-29-4					5.7E+07				5.7E+07
				4.9E+01	P				1			1.4E+09		**Tetrapotassium phosphate	7320-34-5					5.7E+07				5.7E+07
				4.9E+01	P				1			1.4E+09		**Tetrasodium pyrophosphate	7722-88-5					5.7E+07				5.7E+07
				4.9E+01	P				1			1.4E+09		**Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate)	15136-87-5					5.7E+07				5.7E+07
				4.9E+01	P				1			1.4E+09		**Tricalcium phosphate	7758-87-4					5.7E+07				5.7E+07
				4.9E+01	P				1			1.4E+09		**Trimagnesium phosphate	7757-87-1					5.7E+07				5.7E+07
				4.9E+01	P				1			1.4E+09		**Tripotassium phosphate	7778-53-2					5.7E+07				5.7E+07
				4.9E+01	P				1			1.4E+09		**Trisodium phosphate	7601-54-9					5.7E+07				5.7E+07
				3.0E-04	I	3.0E-04	I	V	1			1.4E+09		Phosphine	7803-51-2					3.5E+02		1.8E+06		3.5E+02
				4.9E+01	P	1.0E-02	I		1			1.4E+09		Phosphoric Acid	7664-38-2					5.7E+07		6.0E+07		2.9E+07

Regional Screening Level (RSL) Composite Worker Soil Table (TR=1E-06, HQ=1) November 2015

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-06				Noncancer Hazard Index (HI) = 1				
SFO (mg/kg-day)	k _e (y)	IUR (ug/m ³) ^{1/3}	k _e (y)	RTD _o (mg/kg-day)	k _e (y)	RfC _i (mg/m ³)	k _e (y)	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (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)
1.4E-02	I	2.4E-06	C	2.0E-02	I				1	0.1		1.4E+09		*Bis(2-ethylhexyl)phthalate	117-81-7	2.3E+02	5.5E+02	6.9E+06	1.6E+02	2.3E-04	5.5E+04		1.6E+04
				1.0E+00	I				1	0.1		1.4E+09		*Butylphthalyl Butylglycolate	85-70-1					1.2E+06	2.8E+06		8.2E+05
				1.0E-01	I				1	0.1		1.4E+09		*Dibutyl Phthalate	84-74-2					1.2E+05	2.8E+05		8.2E+04
				8.0E-01	I				1	0.1		1.4E+09		*Diethyl Phthalate	84-66-2					9.3E+05	2.2E+06		6.6E+05
				1.0E-01	I			V	1			1.4E+09	2.1E+04	*Dimethylterephthalate	120-61-6					1.2E+05			1.2E+05
				1.0E-02	P				1	0.1		1.4E+09		*Octyl Phthalate, di-N-	117-84-0					1.2E+04	2.8E+04		8.2E+03
				1.0E+00	H				1	0.1		1.4E+09		*Phthalic Acid, P-	100-21-0					1.2E+06	2.8E+06		8.2E+05
				2.0E+00	I	2.0E-02	C		1	0.1		1.4E+09		*Phthalic Anhydride	85-44-9					2.3E+06	5.5E+06	1.2E+08	1.6E+06
				7.0E-02	I				1	0.1		1.4E+09		Picloram	1918-02-1					8.2E+04	1.9E+05		5.7E+04
				1.0E-04	X				1	0.1		1.4E+09		Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3					1.2E+02	2.8E+02		8.2E+01
				9.0E-04	X				1	0.1		1.4E+09		Picric Acid (2,4,6-Trinitrophenol)	88-89-1					1.1E+03	2.5E+03		7.4E+02
				1.0E-02	I				1	0.1		1.4E+09		Pirimiphos, Methyl	29232-93-7					1.2E+04	2.8E+04		8.2E+03
3.0E+01	C	8.6E-03	C	7.0E-06	H				1	0.1		1.4E+09		Polybrominated Biphenyls	59536-65-1	1.1E-01	2.6E-01	1.9E+03	7.7E-02	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	0.14		1.4E+09	7.1E+05	*Aroclor 1016	12674-11-2	4.7E+01	7.9E+01	4.4E+02	2.7E+01	8.2E+01	1.4E+02		5.1E+01
2.0E+00	S	5.7E-04	S					V	1	0.14		1.4E+09	2.0E+05	*Aroclor 1221	11104-28-2	1.6E+00	2.8E+00	4.4E+00	8.3E-01				
2.0E+00	S	5.7E-04	S					V	1	0.14		1.4E+09	1.1E+05	*Aroclor 1232	11141-16-5	1.6E+00	2.8E+00	2.4E+00	7.2E-01				
2.0E+00	S	5.7E-04	S					V	1	0.14		1.4E+09	5.9E+05	*Aroclor 1242	53469-21-9	1.6E+00	2.8E+00	1.3E+01	9.5E-01				
2.0E+00	S	5.7E-04	S					V	1	0.14		1.4E+09	6.3E+05	*Aroclor 1248	12672-29-6	1.6E+00	2.8E+00	1.3E+01	9.5E-01				
2.0E+00	S	5.7E-04	S	2.0E-05	I			V	1	0.14		1.4E+09	8.4E+05	*Aroclor 1254	11097-69-1	1.6E+00	2.8E+00	1.8E+01	9.7E-01	2.3E+01	3.9E+01		1.5E+01
2.0E+00	S	5.7E-04	S					V	1	0.14		1.4E+09	1.3E+06	*Aroclor 1260	11096-82-5	1.6E+00	2.8E+00	2.8E+01	9.9E-01				
				6.0E-04	X			V	1	0.14		1.4E+09	9.6E+05	*Aroclor 5460	11126-42-4					7.0E+02	1.2E+03		4.4E+02
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	1	0.14		1.4E+09	3.3E+06	*Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 189)	39635-31-9	8.4E-01	1.4E+00	3.6E+01	5.2E-01	2.7E+01	4.6E+01	1.9E+04	1.7E+01
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	1	0.14		1.4E+09	2.2E+06	*Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	52663-72-6	8.4E-01	1.4E+00	2.4E+01	5.2E-01	2.7E+01	4.6E+01	1.3E+04	1.7E+01
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	1	0.14		1.4E+09	1.5E+06	*Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	69782-90-7	8.4E-01	1.4E+00	1.6E+01	5.1E-01	2.7E+01	4.6E+01	8.5E+03	1.7E+01
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	1	0.14		1.4E+09	1.5E+06	*Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 156)	38380-08-4	8.4E-01	1.4E+00	1.7E+01	5.1E-01	2.7E+01	4.6E+01	9.0E+03	1.7E+01
3.9E+03	E	1.1E+00	E	2.3E-08	E	1.3E-06	E	V	1	0.14		1.4E+09	2.2E+06	*Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	32774-16-6	8.4E-04	1.4E-03	2.4E-02	5.2E-04	2.7E-02	4.6E-02	1.3E+01	1.7E-02
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	1	0.14		1.4E+09	1.0E+06	*Pentachlorobiphenyl, 2,3,3',4,4',5'- (PCB 123)	65510-44-3	8.4E-01	1.4E+00	1.1E+01	5.0E-01	2.7E+01	4.6E+01	6.0E+03	1.7E+01
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	1	0.14		1.4E+09	8.3E+05	*Pentachlorobiphenyl, 2,3,3',4,4',5'- (PCB 118)	31508-00-6	8.4E-01	1.4E+00	8.9E+00	5.0E-01	2.7E+01	4.6E+01	4.8E+03	1.7E+01
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	1	0.14		1.4E+09	8.5E+05	*Pentachlorobiphenyl, 2,3,3',4,4',5'- (PCB 105)	32598-14-4	8.4E-01	1.4E+00	9.1E+00	5.0E-01	2.7E+01	4.6E+01	4.9E+03	1.7E+01
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V	1	0.14		1.4E+09	1.5E+06	*Pentachlorobiphenyl, 2,3,4,4',5'- (PCB 114)	74472-37-0	8.4E-01	1.4E+00	1.6E+01	5.1E-01	2.7E+01	4.6E+01	8.6E+03	1.7E+01
1.3E+04	E	3.8E+00	E	7.0E-09	E	4.0E-07	E	V	1	0.14		1.4E+09	1.0E+06	*Pentachlorobiphenyl, 3,3',4,4',5'- (PCB 126)	57465-28-8	2.5E-04	4.2E-04	3.3E-03	1.5E-04	8.2E-03	1.4E-02	1.8E+00	5.1E-03
2.0E+00	I	5.7E-04	I					V	1	0.14		1.4E+09	5.3E+05	*Polychlorinated Biphenyls (high risk)	1336-36-3	1.6E+00	2.8E+00	1.1E+01	9.4E-01				
4.0E-01	I	1.0E-04	I					V	1	0.14		1.4E+09		*Polychlorinated Biphenyls (low risk)	1336-36-3								
7.0E-02	I	2.0E-05	I					V	1	0.14		1.4E+09		*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	0.14		1.4E+09		*Tetrachlorobiphenyl, 3,3',4,4',5'- (PCB 77)	32598-13-3	2.5E-01	4.2E-01	4.4E+03	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	0.14		1.4E+09	7.3E+05	*Tetrachlorobiphenyl, 3,4,4',5'- (PCB 81)	70362-50-4	8.4E-02	1.4E-01	7.8E-01	4.9E-02	2.7E+00	4.6E+00	4.2E+02	1.7E+00
				6.0E-04	I			V	1	0.1		1.4E+09		Polymeric Methylene Diphenyl Disocyanate (PMDI)	9016-87-9								3.6E+06
														Polynuclear Aromatic Hydrocarbons (PAHs)									
				6.0E-02	I			V	1	0.13		1.4E+09	1.4E+05	*Acenaphthene	83-32-9					7.0E+04	1.3E+05		4.5E+04
				3.0E-01	I			V	1	0.13		1.4E+09	5.2E+05	*Anthracene	120-12-7					3.5E+05	6.4E+05		2.3E+05
7.3E-01	E	1.1E-04	C					V	M	0.13		1.4E+09	4.4E+06	*Benz[a]anthracene	56-55-3	4.5E+00	8.1E+00	4.9E+02	2.9E+00				
1.2E+00	C	1.1E-04	C					V	1	0.13		1.4E+09		*Benzo[ghi]perylene	205-82-3	2.7E+00	5.0E+00	1.5E+05	1.8E+00				
7.3E+00	I	1.1E-03	C					V	M	0.13		1.4E+09		*Benzo[a]pyrene	50-32-8	4.5E-01	8.1E-01	1.5E+04	2.9E-01				
7.3E-01	E	1.1E-04	C					V	M	0.13		1.4E+09		*Benzo[b]fluoranthene	205-99-2	4.5E+00	8.1E+00	1.5E+05	2.9E+00				
7.3E-02	E	1.1E-04	C					V	M	0.13		1.4E+09		*Benzo[k]fluoranthene	207-08-9	4.5E+01	8.1E+01	1.5E+05	2.9E+01				
7.3E-03	E	1.1E-05	C	8.0E-02	I			V	M	0.13		1.4E+09	8.0E+04	*Chloronaphthalene, Beta-	91-58-7					9.3E+04	1.7E+05		6.0E+04
								V	M	0.13		1.4E+09		*Chrysene	218-01-9	4.5E+02	8.1E+02	1.5E+06	2.9E+02				
7.3E+00	E	1.2E-03	C					V	M	0.13		1.4E+09		*Dibenz[a,h]anthracene	53-70-3	4.5E-01	8.1E-01	1.4E+04	2.9E-01				
1.2E+01	C	1.1E-03	C					V	M	0.13		1.4E+09		*Dibenzo[a,e]pyrene	192-65-4	2.7E-01	5.0E-01	1.5E+04	1.8E-01				
2.5E+02	C	7.1E-02	C					V	M	0.13		1.4E+09		*Dimethylbenz[a]anthracene, 7,12-	57-97-6	1.3E-02	2.4E-02	2.3E+02	8.4E-03				
				4.0E-02	I			V	1	0.13		1.4E+09											

Regional Screening Level (RSL) Composite Worker Soil Table (TR=1E-06, HQ=1) November 2015

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-06				Noncancer Hazard Index (HI) = 1					
SFO (mg/kg-day) ^a	k _e (y)	IUR (ug/m ³) ^b	k _e (y)	RTD _o (mg/kg-day)	k _e (y)	RfC _i (mg/m ³) ^c	k _e (y)	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (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	0.1		1.4E+09		Propanediol, 1,2-	114-26-1					4.7E+03	1.1E+04		3.3E+03	
		5.0E-03	I						1	0.1		1.4E+09		Propanil	709-98-8					5.8E+03	1.4E+04		4.1E+03	
		2.0E-02	I						1	0.1		1.4E+09		Propargite	2312-35-8					2.3E+04	5.5E+04		1.6E+04	
		2.0E-03	I					V	1		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	0.1		1.4E+09		Propazine	139-40-2					2.3E+04	5.5E+04		1.6E+04	
		2.0E-02	I						1	0.1		1.4E+09		Propam	122-42-9					2.3E+04	5.5E+04		1.6E+04	
		1.3E-02	I						1	0.1		1.4E+09		Propiconazole	60207-90-1					1.5E+04	3.6E+04		1.1E+04	
				8.0E-03	I	V			1		3.3E+04	1.4E+09	8.9E+03	Propionaldehyde	123-38-6							3.1E+02	3.1E+02	
		1.0E-01	X	1.0E+00	X	V			1		2.6E+02	1.4E+09	7.0E+03	Propyl benzene	103-65-1					1.2E+05		3.1E+04	2.4E+04	
				3.0E+00	C	V			1		3.5E+02	1.4E+09	7.0E+02	Propylene	115-07-1							9.3E+03		
		2.0E+01	P						1	0.1		1.4E+09		Propylene Glycol	57-55-6					2.3E+07	5.5E+07		1.6E+07	
				2.7E-04	A				1	0.1		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		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			3.0E-02	I	V	1		7.8E+04	1.4E+09	1.0E+04	Propylene Oxide	75-56-9	1.4E+01		3.4E+01	9.7E+00			1.4E+03	1.4E+03	
				7.5E-02	I				1	0.1		1.4E+09		Propyzamide	23950-58-5					8.8E+04	2.1E+05		6.2E+04	
				1.0E-03	I			V	1		5.3E+05	1.4E+09	5.5E+04	Pyridine	110-86-1					1.2E+03			1.2E+03	
		3.0E+00	I						1	0.1		1.4E+09		Quinalphos	13593-03-8					5.8E+02	1.4E+03		4.1E+02	
				9.0E-03	I				1	0.1		1.4E+09		Quinoline	91-22-5	1.1E+00	2.6E+00		7.7E-01					4.1E+02
									1	0.1		1.4E+09		Quizalofop-ethyl	76578-14-8					1.1E+04	2.5E+04		7.4E+03	
						3.0E-02	A		1			1.4E+09		Refractory Ceramic Fibers	NA							1.8E+08	1.8E+08	
		3.0E-02	I						1	0.1		1.4E+09		Resmethrin	10453-86-8					3.5E+04	8.3E+04		2.5E+04	
		5.0E-02	H					V	1		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	0.1		1.4E+09		Rotenone	83-79-4	1.5E+01	3.5E+01	2.6E+05	1.0E+01			4.7E+03	1.1E+04	3.3E+03
				5.0E-03	I				1	0.1		1.4E+09		Safrole	94-59-7					5.8E+03			5.8E+03	
				5.0E-03	C	2.0E-02	C		1			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			1.4E+09		Selenium Sulfide	7446-34-6					5.8E+03		1.2E+08	5.8E+03	
				9.0E-02	I				1	0.1		1.4E+09		Sethoxydim	74051-80-2					1.1E+05	2.5E+05		7.4E+04	
						3.0E-03	C		1			1.4E+09		Silica (crystalline, respirable)	7631-86-9							1.8E+07	1.8E+07	
1.2E-01	H			5.0E-03	I				0.04			1.4E+09		Silver	7440-22-4					5.8E+03			5.8E+03	
				5.0E-03	I				1	0.1		1.4E+09		Simazine	122-34-9	2.7E+01	6.4E+01		1.9E+01			5.8E+03	1.4E+04	4.1E+03
5.0E-01	C	1.5E-01	C			1.3E-02	I		1	0.1		1.4E+09		Sodium Acifluorfen	62476-59-9					1.5E+04	3.6E+04		1.1E+04	
				4.0E-03	I				1			1.4E+09		Sodium Azide	26628-22-8					4.7E+03			4.7E+03	
				2.0E-02	C	2.0E-04	C		M	0.025		1.4E+09		Sodium Dichromate	10588-01-9	6.5E+00		1.1E+02	6.2E+00			2.3E+04	1.2E+06	2.3E+04
2.7E-01	H			3.0E-02	I				1	0.1		1.4E+09		Sodium Dithyldithiocarbamate	148-18-5	1.2E+01	2.9E+01		8.5E+00			3.5E+04	8.3E+04	2.5E+04
				5.0E-02	A	1.3E-02	C		1			1.4E+09		Sodium Fluoride	7681-49-4					5.8E+04		7.7E+07	5.8E+04	
				2.0E-05	I				1	0.1		1.4E+09		Sodium Fluoroacetate	62-74-8					2.3E+01	5.5E+01		1.6E+01	
				1.0E-03	H				1			1.4E+09		Sodium Metavanadate	18718-26-8					1.2E+03			1.2E+03	
				8.0E-04	P				1			1.4E+09		Sodium Tungstate	13472-45-2					9.3E+02			9.3E+02	
				8.0E-04	P				1			1.4E+09		Sodium Tungstate Dihydrate	10213-10-2					9.3E+02			9.3E+02	
2.4E-02	H			3.0E-02	I				1	0.1		1.4E+09		Strofos (Tetrachlorovinphos)	961-11-5	1.4E+02	3.2E+02		9.6E+01			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	0.025	1.4E+09		Strontium Chromate	7789-06-2	6.5E+00		1.1E+02	6.2E+00			2.3E+04	1.2E+06	2.3E+04
				6.0E-01	I				1			1.4E+09		Strontium, Stable	7440-24-6					7.0E+05			7.0E+05	
		3.0E-04	I						1	0.1		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			1		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	0.1		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	0.1		1.4E+09		Sulfone	126-33-0					1.2E+03	2.8E+03	1.2E+07	8.2E+02	
		8.0E-04	P						1	0.1		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			1.4E+09		Sulfur Trioxide	7446-11-9							6.0E+06	6.0E+06	
2.5E-02	I	7.1E-06	I			5.0E-02	H		1	0.1		1.4E+09		Sulfuric Acid	7664-93-9	1.3E+02	3.1E+02	2.3E+06	9.2E+01			6.0E+06	6.0E+06	
				3.0E-02	H				1	0.1		1.4E+09		Sulfurous acid, 2-chloroethyl 2-[4-(1,1-dimethylethyl)phenoxy]-1-methylethyl ester	140-57-8					5.8E+04	1.4E+05		4.1E+04	
									1	0.1		1.4E+09		TCMTB	21564-17-0					3.5E+04	8.3E+04		2.5E+04	
		7.0E-02	I						1	0.1		1.4E+09		Tebuthiuron	34014-18-1					8.2E+04	1.9E+05		5.7E+04	
		2.0E-02	H						1	0.1		1.4E+09		Temephos	3383-96-8					2.3E+04	5.5E+04		1.6E+04	
		1.3E-02	I						1	0.1		1.4E+09		Terbacol	5902-51-2					1.5E+04	3.6E+04		1.1E+04	
		2.5E-05	H					V	1		3.1E+01	1.4E+09	2.6E+05	Terbutol	13071-79-9					2.9E+01			2.9E+01	
		1.0E-03	I						1	0.1		1.4E+09		Terbutryn	886-50-0					1.2E+03	2.8E+03		8.2E+02	
		1.0E-04	I						1	0.1		1.4E+09		Tetrabromodiphenyl ether, 2,2',4,4'-(BDE-47)	5436-43-1					1.2E+02	2.8E+02		8.2E+01	
		3.0E-04	I					V	1			1.4E+09	5.1E+04	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	1		6.8E+02	1.4E+09	5.7E+03	Tetrachloroethane, 1,1,1,2-	630-20-6	1.3E+02		9.4E+00						

Regional Screening Level (RSL) Composite Worker Soil Table (TR=1E-06, HQ=1) November 2015

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-06				Noncancer Hazard Index (HI) = 1					
SFO (mg/kg-day) ¹	k e y	IUR (ug/m ³) ²	k e y	RTD _o (mg/kg- day)	k e y	RfC _i (mg/m ³) ³	k e y	o l i g e n	muta- gen	GIABS	ABS	C _{sat} (m ³ /kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (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-03	P	8.0E+01	I	V	1			1	0.0007	2.1E+03	1.4E+09	1.2E+03	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 2.3E+03
		7.0E-06	X				1			1		1.4E+09		Thallium (I) Nitrate	10102-45-1					8.2E+00			8.2E+00	
		1.0E-05	X				1			1		1.4E+09		Thallium (Soluble Salts)	7440-28-0					1.2E+01			1.2E+01	
		6.0E-06	X				1		V	1		1.4E+09		Thallium Acetate	563-68-8					7.0E+00			7.0E+00	
		2.0E-05	X				1		V	1		1.4E+09		Thallium Carbonate	6533-73-9					2.3E+01			2.3E+01	
		6.0E-06	X				1			1		1.4E+09		Thallium Chloride	7791-12-0					7.0E+00			7.0E+00	
		2.0E-05	X				1			1		1.4E+09		Thallium Sulfate	7446-18-6					2.3E+01			2.3E+01	
		1.3E-02	I				1	0.1			0.1	1.4E+09		Thiessulfuron-methyl	79277-27-3					1.5E+04	3.6E+04		1.1E+04	
		1.0E-02	I				1	0.1			0.1	1.4E+09		Thiobencarb	28249-77-6					1.2E+04	2.8E+04		8.2E+03	
		7.0E-02	X				1	0.0075				1.4E+09		Thiodiglycol	111-48-8					8.2E+04	2.6E+06		7.9E+04	
		3.0E-04	H				1	0.1				1.4E+09		Thiofanox	39196-18-4					3.5E+02	8.3E+02		2.5E+02	
		8.0E-02	I				1	0.1			0.1	1.4E+09		Thiophanate, Methyl	23564-05-8					9.3E+04	2.2E+05		6.6E+04	
		5.0E-03	I				1	0.1			0.1	1.4E+09		Thiram	137-26-8					5.8E+03	1.4E+04		4.1E+03	
		6.0E-01	H				1			1		1.4E+09		Tin	7440-31-5					7.0E+05			7.0E+05	
				1.0E-04	A	V	1			1		1.4E+09		Titanium Tetrachloride	7550-45-0								6.0E+05	
		8.0E-02	I	5.0E+00	I	V	1			1	8.2E+02	1.4E+09	4.3E+03	Toluene	108-88-3					9.3E+04			6.0E+05 4.7E+04	
1.8E-01	X	2.0E-04	X				1			1	0.1	1.4E+09		Toluene-2,5-diamine	95-70-5	1.8E+01	4.3E+01		1.3E+01	2.3E+02	5.5E+02		1.6E+02	
3.0E-02	P	4.0E-03	X				1			1	0.1	1.4E+09		Toluidine, p-	106-49-0	1.1E+02	2.6E+02		7.7E+01	4.7E+03	1.1E+04		3.3E+03	
		3.0E+00	P				1		V	1		3.4E-01	1.4E+09	1.1E+03	NA					3.5E+06			3.5E+06	
				6.0E-01	P	V	1			1		1.4E+02	1.4E+09	8.3E+02	Total Petroleum Hydrocarbons (Aliphatic Low)	NA							2.2E+03	
		1.0E-02	X	1.0E-01	P	V	1			1		6.9E+00	1.4E+09	1.0E+03	Total Petroleum Hydrocarbons (Aliphatic Medium)	NA							4.4E+02	
		4.0E-02	P				1	0.1		1		1.4E+09		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			1		1.8E+03	1.4E+09	3.5E+03	Total Petroleum Hydrocarbons (Aromatic Low)	NA				4.7E+03			4.6E+02	
		4.0E-03	P	3.0E-03	P	V	1			1		1.4E+09	5.2E+04	Total Petroleum Hydrocarbons (Aromatic Medium)	NA					4.7E+03			6.9E+02	
1.1E+00	I	3.2E-04	I				1	0.1		1		1.4E+09		Toxaphene	8001-35-2	3.0E+00	7.0E+00	5.2E+04	2.1E+00	4.7E+03			6.0E+02	
		7.5E-03	I				1	0.1			0.1	1.4E+09		Tralometrin	66841-25-6					8.8E+03	2.1E+04		6.2E+03	
		3.0E-04	A				1		V	1		1.4E+09	3.4E+03	Tri-n-butyltin	688-73-3					3.5E+02			3.5E+02	
		8.0E+01	X				1	0.1			0.1	1.4E+09		Triacetin	102-76-1					9.3E+07	2.2E+08		6.6E+07	
		3.0E-02	I				1	0.1			0.1	1.4E+09		Triadimefon	43121-43-3					3.5E+04	8.3E+04		2.5E+04	
		1.3E-02	I				1		V	1		1.4E+09	3.6E+05	Triallate	2303-17-5					1.5E+04			1.5E+04	
		1.0E-02	I				1	0.1			0.1	1.4E+09		Triasulfuron	82097-50-5					1.2E+04	2.8E+04		8.2E+03	
		8.0E-03	I				1	0.1			0.1	1.4E+09		Tribenuron-methyl	101200-48-0					9.3E+03	2.2E+04		6.6E+03	
		5.0E-03	I				1		V	1		1.4E+09	4.8E+04	Tribromobenzene, 1,2,4-	615-54-3					5.8E+03			5.8E+03	
9.0E-03	P	1.0E-02	P				1	0.1		1		1.4E+09		Tributyl Phosphate	426-73-8	3.6E+02	8.6E+02		2.6E+02	1.2E+04	2.8E+04		8.2E+03	
		3.0E-04	P				1	0.1			0.1	1.4E+09		Tributyltin Compounds	NA					3.5E+02	8.3E+02		2.5E+02	
		3.0E-04	I				1	0.1			0.1	1.4E+09		Tributyltin Oxide	56-35-9					3.5E+02	8.3E+02		2.5E+02	
		3.0E+01	I	3.0E+01	H	V	1			1	9.1E+02	1.4E+09	1.3E+03	Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-18-1					3.5E+07		1.7E+05	1.7E+05	
7.0E-02	I	2.0E-02	I				1	0.1			0.1	1.4E+09		Trichloroacetic Acid	76-03-9	4.7E+01	1.1E+02		3.3E+01	2.3E+04	5.5E+04		1.6E+04	
2.9E-02	H						1	0.1			0.1	1.4E+09		Trichloroaniline HCl, 2,4,6-	33663-50-2	1.1E+02	2.7E+02		7.9E+01					
7.0E-03	X	3.0E-05	X				1	0.1			0.1	1.4E+09		Trichloroaniline, 2,4,6-	634-93-5	4.7E+02	1.1E+03		3.3E+02	3.5E+01	8.3E+01		2.5E+01	
		8.0E-04	X				1		V	1		1.4E+09	3.2E+04	Trichlorobenzene, 1,2,3-	87-61-6					9.3E+02			9.3E+02	
2.9E-02	P	1.0E-02	I	2.0E-03	P	V	1			1		4.0E+02	1.4E+09	3.0E+04	Trichlorobenzene, 1,2,4-	120-82-1	1.1E+02		1.1E+02	1.2E+04		2.6E+02	2.6E+02	
		2.0E+00	I	5.0E+00	I	V	1			1		6.4E+02	1.4E+09	1.7E+03	Trichloroethane, 1,1,1-	71-55-6				2.3E+06		3.6E+04	3.6E+04	
5.7E-02	I	1.6E-05	I	4.0E-03	I	2.0E-04	X	V		1		2.2E+03	1.4E+09	7.2E+03	Trichloroethane, 1,1,2	79-00-5	5.7E+02		5.5E+00	5.0E+00	4.7E+03		6.3E+00	
4.6E-02	I	4.1E-06	I	5.0E-04	I	2.0E-03	I	V	M	1		6.9E+02	1.4E+09	2.2E+03	Trichloroethylene	79-01-6	7.1E+01		6.6E+00	6.0E+00	5.8E+02		1.9E+01	
		3.0E-01	I				1		V	1		1.2E+03	1.4E+09	1.0E+03	Trichlorofluoromethane	75-69-4				3.5E+05			3.5E+05	
1.1E-02	I	3.1E-06	I				1	0.1			0.1	1.4E+09		Trichlorophenol, 2,4,5-	95-95-4					1.2E+05	2.8E+05		8.2E+04	
		1.0E-02	I				1	0.1			0.1	1.4E+09		Trichlorophenol, 2,4,6-	88-06-2	3.0E+02	7.0E+02	5.4E+06	2.1E+02	1.2E+03	2.8E+03		8.2E+02	
		1.0E-02	I				1	0.1			0.1	1.4E+09		Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5					1.2E+04	2.8E+04		8.2E+03	
		8.0E-03	I				1	0.1			0.1	1.4E+09		Trichlorophenoxypropionic acid, -2,4,5	93-72-1					9.3E+03	2.2E+04		6.6E+03	
		5.0E-03	I				1		V	1		1.3E+03	1.4E+09	1.5E+04	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		1.4E+03	1.4E+09	1.6E+04	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	1			1		3.1E+02	1.4E+09	2.3E+03	Trichloropropene, 1,2,3-	96-19-5				3.5E+03		3.1E+00	3.1E+00	
		2.0E-02	A				1	0.1			0.1	1.4E+09		Tricresyl Phosphate (TCP)	1330-78-5				2.3E+04	5.5E+04		1.6E+04		
		3.0E-03	I				1	0.1			0.1	1.4E+09		Triphane	58138-08-2					3.5E+03	8.3E+03		2.5E+03	
				7.0E-03	I	V	1			1		2.8E+04	1.4E+09	1.6E+04	Triethylamine	121-44-8							4.8E+02	
		2.0E+00	P				1	0.1			0.1	1.4E+09		Triethylene Glycol	112-27-6					2.3E+06				

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Toxicity and Chemical-specific Information													Contaminant		Carcinogenic Target Risk (TR) = 1E-06				Noncancer Hazard Index (HI) = 1					
SFO (mg/kg-day) ^a	k e y	IUR (ug/m ³) ^b	k e y	RTD _o (mg/kg- day)	k e y	RfC _i (mg/m ³) ^c	k e y	o l i g e n	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	PEF (m ³ /kg)	VF (m ³ /kg)	Analyte	CAS No.	Ingestion SL TR=1E-06 (mg/kg)	Dermal SL TR=1E-06 (mg/kg)	Inhalation SL TR=1E-06 (mg/kg)	Carcinogenic SL TR=1E-06 (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-02	I			3.0E-02	I					1	0.019		1.4E+09		Trinitrobenzene, 1,3,5-	99-35-4					3.5E+04	4.4E+05		3.2E+04
				5.0E-04	I					1	0.032		1.4E+09		Trinitrotoluene, 2,4,6-	118-96-7	1.1E+02	8.0E+02		9.6E+01	5.8E+02	4.3E+03		5.1E+02
				2.0E-02	P					1	0.1		1.4E+09		Triphenylphosphine Oxide	755-28-6					2.3E+04	5.5E+04		1.6E+04
2.3E+00	C	6.6E-04	C	2.0E-02	A					1	0.1		1.4E+09		Tris(1,3-Dichloro-2-propyl) Phosphate	13674-87-8					2.3E+04	5.5E+04		1.6E+04
				1.0E-02	X					1	0.1		1.4E+09		Tris(1-chloro-2-propyl)phosphate	13674-84-5					1.2E+04	2.8E+04		8.2E+03
								V		1		4.7E+02	1.4E+09	9.0E+05	Tris(2,3-dibromopropyl)phosphate	126-72-7	1.4E+00		1.7E+01	1.3E+00				
2.0E-02	P			7.0E-03	P					1	0.1		1.4E+09		Tris(2-chloroethyl)phosphate	115-96-8	1.6E+02	3.9E+02		1.1E+02	8.2E+03	1.9E+04		5.7E+03
3.2E-03	P			1.0E-01	P					1	0.1		1.4E+09		Tris(2-ethylhexyl)phosphate	78-42-3	1.0E+03	2.4E+03		7.2E+02	1.2E+05	2.8E+05		8.2E+04
				8.0E-04	P					1			1.4E+09		Tungsten	7440-33-7					9.3E+02			9.3E+02
1.0E+00	C	2.9E-04	C	3.0E-03	I	4.0E-05	A			1			1.4E+09		Uranium (Soluble Salts)	NA					3.5E+03		2.4E+05	3.5E+03
		8.3E-03	P	9.0E-03	I	7.0E-06	P		M	1	0.1		1.4E+09		Urethane	51-79-6	3.3E+00	7.7E+00	5.7E+04	2.3E+00	1.1E+04		4.2E+04	8.4E+03
										0.026			1.4E+09		Vanadium Pentoxide	1314-62-1			2.0E+03	2.0E+03				
				5.0E-03	S	1.0E-04	A						1.4E+09		Vanadium and Compounds	7440-62-2					5.9E+03		6.0E+05	5.8E+03
				1.0E-03	I		V			1			1.4E+09	1.2E+05	Vernolate	1929-77-7					1.2E+03			1.2E+03
				2.5E-02	I					1	0.1		1.4E+09		Vinclozolin	50471-44-8					2.9E+04	6.9E+04		2.1E+04
				1.0E+00	H	2.0E-01	I	V		1		2.8E+03	1.4E+09	4.4E+03	Vinyl Acetate	108-05-4					1.2E+06		3.9E+03	3.8E+03
		3.2E-05	H			3.0E-03	I	V		1		2.5E+03	1.4E+09	1.4E+03	Vinyl Bromide	593-60-2			5.2E-01	5.2E-01	2.9E+04	1.8E+01		1.8E+01
7.2E-01	I	4.4E-06	I	3.0E-03	I	1.0E-01	I	V	M	1		3.9E+03	1.4E+09	9.6E+02	Vinyl Chloride	75-01-4	4.5E+00		2.7E+00	1.7E+00	3.5E+03		4.2E+02	3.7E+02
				3.0E-04	I					1	0.1		1.4E+09		Warfarin	81-81-2					3.5E+02	8.3E+02		2.5E+02
				2.0E-01	S	1.0E-01	S	V		1		3.9E+02	1.4E+09	5.6E+03	Xylene, p-	106-42-3					2.3E+05		2.4E+03	2.4E+03
				2.0E-01	S	1.0E-01	S	V		1		3.9E+02	1.4E+09	5.5E+03	Xylene, m-	108-38-3					2.3E+05		2.4E+03	2.4E+03
				2.0E-01	S	1.0E-01	S	V		1		4.3E+02	1.4E+09	6.5E+03	Xylene, o-	95-47-6					2.3E+05		2.8E+03	2.8E+03
				2.0E-01	I	1.0E-01	I	V		1		2.6E+02	1.4E+09	5.7E+03	Xylenes	1330-20-7					2.3E+05		2.5E+03	2.5E+03
				3.0E-04	I					1			1.4E+09		Zinc Phosphide	1314-84-7					3.5E+02			3.5E+02
				3.0E-01	I					1			1.4E+09		Zinc and Compounds	7440-66-6					3.5E+05			3.5E+05
				5.0E-02	I					1	0.1		1.4E+09		Zineb	12122-67-7					5.8E+04	1.4E+05		4.1E+04
				8.0E-05	X					1			1.4E+09		Zirconium	7440-67-7					9.3E+01			9.3E+01

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Toxicity and Chemical-specific						Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
IUR (ug/m ³ -1)	k e y	RfC (mg/m ³)	k e y	v o l a t i l e	muta- gen	Analyte	CAS No.	Carcinogenic SL TR=1E-06 (ug/m ³)	Noncarcinogenic SL HI=1 (ug/m ³)
2.2E-06	I	9.0E-03	I	V		Acephate	30560-19-1		
						Acetaldehyde	75-07-0	5.6E+00	3.9E+01
						Acetochlor	34256-82-1		
		3.1E+01	A	V		Acetone	67-64-1		1.4E+05
		2.0E-03	X			Acetone Cyanohydrin	75-86-5		8.8E+00
		6.0E-02	I	V		Acetonitrile	75-05-8		2.6E+02
					V	Acetophenone	98-86-2		
1.3E-03	C					Acetylaminofluorene, 2-	53-96-3	9.4E-03	
		2.0E-05	I	V		Acrolein	107-02-8		8.8E-02
1.0E-04	I	6.0E-03	I		M	Acrylamide	79-06-1	1.2E-01	2.6E+01
		1.0E-03	I	V		Acrylic Acid	79-10-7		4.4E+00
6.8E-05	I	2.0E-03	I	V		Acrylonitrile	107-13-1	1.8E-01	8.8E+00
		6.0E-03	P			Adiponitrile	111-69-3		2.6E+01
						Alachlor	15972-60-8		
						Aldicarb	116-06-3		
4.9E-03	I			V		Aldicarb Sulfone	1646-88-4		
						Aldicarb sulfoxide	1646-87-3		
						Aldrin	309-00-2	2.5E-03	
6.0E-06	C	1.0E-04	X	V		Allyl Alcohol	107-18-6		4.4E-01
		1.0E-03	I	V		Allyl Chloride	107-05-1	2.0E+00	4.4E+00
		5.0E-03	P			Aluminum	7429-90-5		2.2E+01
6.0E-03	C					Aluminum Phosphide	20859-73-8		
						Ametryn	834-12-8		
						Aminobiphenyl, 4-	92-67-1	2.0E-03	
						Aminophenol, m-	591-27-5		
						Aminophenol, p-	123-30-8		
						Amitraz	33089-61-1		
		1.0E-01	I	V		Ammonia	7664-41-7		4.4E+02
		3.0E-03	X	V		Ammonium Sulfamate	7773-06-0		1.3E+01
1.6E-06	C	1.0E-03	I			Amyl Alcohol, tert-	75-85-4		4.4E+00
						Aniline	62-53-3	7.7E+00	4.4E+00
						Anthraquinone, 9,10-	84-65-1		
						Antimony (metallic)	7440-36-0		
						Antimony Pentoxide	1314-60-9		
		2.0E-04	I			Antimony Tetroxide	1332-81-6		8.8E-01
						Antimony Trioxide	1309-64-4		
4.3E-03	I	1.5E-05	C			Arsenic, Inorganic	7440-38-2	2.9E-03	6.6E-02
		5.0E-05	I			Arsine	7784-42-1		2.2E-01
						Asulam	3337-71-1		
2.5E-04	C					Atrazine	1912-24-9		
						Auramine	492-80-8	4.9E-02	
						Avermectin B1	65195-55-3		
3.1E-05	I	1.0E-02	A			Azinphos-methyl	86-50-0		4.4E+01
		7.0E-06	P			Azobenzene	103-33-3	4.0E-01	
						Azodicarbonamide	123-77-3		3.1E-02
1.5E-01	C	5.0E-04	H			Barium	7440-39-3		2.2E+00
		2.0E-04	C		M	Barium Chromate	10294-40-3	8.2E-05	8.8E-01
				V		Benfluralin	1861-40-1		
						Benomyl	17804-35-2		
						Bensulfuron-methyl	83055-99-6		
						Bentazon	25057-89-0		
7.8E-06	I	3.0E-02	I	V		Benzaldehyde	100-52-7	1.6E+00	1.3E+02
						Benzene	71-43-2		
						Benzenediamine-2-methyl sulfate, 1,4-	6369-59-1		
6.7E-02	I				M	Benzenethiol	108-98-5		
						Benzdine	92-87-5	1.8E-04	
						Benzoic Acid	65-85-0		
4.9E-05	C	1.0E-03	P	V		Benzotrithloride	98-07-7		
						Benzyl Alcohol	100-51-6		
						Benzyl Chloride	100-44-7	2.5E-01	4.4E+00
2.4E-03	I	2.0E-05	I			Beryllium and compounds	7440-41-7	5.1E-03	8.8E-02
						Bifenox	42576-02-3		
						Biphenthrin	82657-04-3		
		4.0E-04	X	V		Biphenyl, 1,1'-	92-52-4		1.8E+00
						Bis(2-chloro-1-methylethyl) ether	108-60-1		
						Bis(2-chloroethoxy)methane	111-91-1		
3.3E-04	I			V		Bis(2-chloroethyl)ether	111-44-4	3.7E-02	
6.2E-02	I			V		Bis(chloromethyl)ether	542-88-1	2.0E-04	

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Toxicity and Chemical-specific						Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
IUR (ug/m ³ -1)	k e y	RfC (mg/m ³)	k e y	v o l u t i l e	muta- gen	Analyte	CAS No.	Carcinogenic SL TR=1E-06 (ug/m ³)	Noncarcinogenic SL HI=1 (ug/m ³)
						Bisphenol A	80-05-7		
		2.0E-02	H			Boron And Borates Only	7440-42-8		8.8E+01
		2.0E-02	P	V		Boron Trichloride	10294-34-5		8.8E+01
		1.3E-02	C	V		Boron Trifluoride	7637-07-2		5.7E+01
6.0E-04	X			V		Bromate	15541-45-4	2.0E-02	
		6.0E-02	I	V		Bromo-2-chloroethane, 1-	107-04-0		2.6E+02
						Bromobenzene	108-86-1		
4.0E-02	X	V				Bromochloromethane	74-97-5		1.8E+02
3.7E-05	C			V		Bromodichloromethane	75-27-4	3.3E-01	
1.1E-06	I			V		Bromoform	75-25-2	1.1E+01	
		5.0E-03	I	V		Bromomethane	74-83-9		2.2E+01
				V		Bromophos	2104-96-3		
				V		Bromoxynil	1689-84-5		
				V		Bromoxynil Octanoate	1689-99-2		
3.0E-05	I	2.0E-03	I	V		Butadiene, 1,3-	106-99-0	4.1E-01	8.8E+00
				V		Butanol, N-	71-36-3		
				V		Butyl Benzyl Phthalate	85-68-7		
3.0E+01	P	V				Butyl alcohol, sec-	78-92-2		1.3E+05
				V		Butylate	2008-41-5		
5.7E-08	C					Butylated hydroxyanisole	25013-16-5	2.2E+02	
				V		Butylated hydroxytoluene	128-37-0		
				V		Butylbenzene, n-	104-51-8		
				V		Butylbenzene, sec-	135-98-8		
				V		Butylbenzene, tert-	98-06-6		
				V		Cacodylic Acid	75-60-5		
1.8E-03	I	1.0E-05	A			Cadmium (Diet)	7440-43-9		
1.8E-03	I	1.0E-05	A			Cadmium (Water)	7440-43-9	6.8E-03	4.4E-02
1.5E-01	C	2.0E-04	C		M	Calcium Chromate	13765-19-0	8.2E-05	8.8E-01
		2.2E-03	C			Caprolactam	105-60-2		9.6E+00
4.3E-05	C					Captafol	2425-06-1	2.9E-01	
6.6E-07	C					Captan	133-06-2	1.9E+01	
						Carbaryl	63-25-2		
						Carbofuran	1563-66-2		
7.0E-01	I	V				Carbon Disulfide	75-15-0		3.1E+03
6.0E-06	I	1.0E-01	I	V		Carbon Tetrachloride	56-23-5	2.0E+00	4.4E+02
		1.0E-01	P	V		Carbonyl Sulfide	463-58-1		4.4E+02
						Carbosulfan	85285-14-8		
						Carboxin	5234-68-4		
9.0E-04	I					Ceric oxide	1306-38-3		3.9E+00
				V		Chloral Hydrate	302-17-0		
						Chloramben	133-90-4		
						Chloranil	118-75-2		
1.0E-04	I	7.0E-04	I	V		Chlordane	12789-03-6	1.2E-01	3.1E+00
4.6E-03	C					Chlordecone (Kepone)	143-50-0	2.7E-03	
						Chlorfenvinphos	470-90-6		
						Chlorimuron, Ethyl-	90982-32-4		
1.5E-04	A	V				Chlorine	7782-50-5		6.4E-01
2.0E-04	I	V				Chlorine Dioxide	10049-04-4		8.8E-01
						Chlorite (Sodium Salt)	7758-19-2		
5.0E+01	I	V				Chloro-1,1-difluoroethane, 1-	75-68-3		2.2E+05
3.0E-04	I	2.0E-02	I	V		Chloro-1,3-butadiene, 2-	126-99-8	4.1E-02	8.8E+01
						Chloro-2-methylaniline HCl, 4-	3165-93-3		
7.7E-05	C					Chloro-2-methylaniline, 4-	95-69-2	1.6E-01	
				V		Chloroacetaldehyde, 2-	107-20-0		
						Chloroacetic Acid	79-11-8		
3.0E-05	I					Chloroacetophenone, 2-	532-27-4		1.3E-01
						Chloroaniline, p-	106-47-8		
5.0E-02	P	V				Chlorobenzene	108-90-7		2.2E+02
3.1E-05	C					Chlorobenzilate	510-15-6	4.0E-01	
						Chlorobenzoic Acid, p-	74-11-3		
3.0E-01	P	V				Chlorobenzotrifluoride, 4-	98-56-6		1.3E+03
				V		Chlorobutane, 1-	109-69-3		
5.0E+01	I	V				Chlorodifluoromethane	75-45-6		2.2E+05
				V		Chloroethanol, 2-	107-07-3		
2.3E-05	I	9.8E-02	A	V		Chloroform	67-66-3	5.3E-01	4.3E+02
		9.0E-02	I	V		Chloromethane	74-87-3		3.9E+02
6.9E-04	C			V		Chloromethyl Methyl Ether	107-30-2	1.8E-02	
1.0E-05	X					Chloronitrobenzene, o-	88-73-3		4.4E-02

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Toxicity and Chemical-specific					Contaminant	Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1	
IUR (ug/m ³ -1)	k e y	RfC (mg/m ³)	v o l u t i l e	muta- gen	Analyte	CAS No.	Carcinogenic SL TR=1E-06 (ug/m ³)	Noncarcinogenic SL HI=1 (ug/m ³)
6.0E-04	P		V		Chloronitrobenzene, p- Chlorophenol, 2-	100-00-5 95-57-8		2.6E+00
8.9E-07	C	4.0E-04	V		Chloropicrin Chlorothalonil Chlorotoluene, o-	76-06-2 1897-45-6 95-49-8	1.4E+01	1.8E+00
6.9E-02	C		V		Chlorotoluene, p- Chlorozotocin Chlorpropham	106-43-4 54749-90-5 101-21-3	1.8E-04	
					Chlorpyrifos Chlorpyrifos Methyl Chlorsulfuron	2921-88-2 5598-13-0 64902-72-3		
					Chlorthal-dimethyl Chlorthiophos Chromium(III), Insoluble Salts	1861-32-1 60238-56-4 16065-83-1		
8.4E-02	S	1.0E-04	I	M	Chromium(VI) Chromium, Total Clofentezine	18540-29-9 7440-47-3 74115-24-5	1.5E-04	4.4E-01
9.0E-03	P	6.0E-06	P		Cobalt	7440-48-4	1.4E-03	2.6E-02
6.2E-04	I		V	M	Coke Oven Emissions Copper	8007-45-2 7440-50-8	2.0E-02	
6.0E-01	C				Cresol, m-	108-39-4		2.6E+03
6.0E-01	C				Cresol, o-	95-48-7		2.6E+03
6.0E-01	C				Cresol, p-	106-44-5		2.6E+03
6.0E-01	C		V		Cresol, p-chloro-m- Cresols Crotonaldehyde, trans-	59-50-7 1319-77-3 123-73-9		2.6E+03
6.3E-05	C	4.0E-01	I	V	Cumene Cupferron Cyanazine	98-82-8 135-20-6 21725-46-2	1.9E-01	1.8E+03
					Cyanides ~Calcium Cyanide ~Copper Cyanide	592-01-8 544-92-3		
8.0E-04	S		V		~Cyanide (CN-) ~Cyanogen ~Cyanogen Bromide	57-12-5 460-19-5 506-68-3		3.5E+00
8.0E-04	I		V		~Cyanogen Chloride ~Hydrogen Cyanide ~Potassium Cyanide	506-77-4 74-90-8 151-50-8		3.5E+00
					~Potassium Silver Cyanide ~Silver Cyanide ~Sodium Cyanide	506-61-6 506-64-9 143-53-9		
			V		~Thiocyanates ~Thiocyanic Acid ~Zinc Cyanide	NA 463-56-9 557-21-1		
6.0E+00	I		V		Cyclohexane Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro- Cyclohexanone	110-82-7 87-84-3 108-94-1		2.6E+04 3.1E+03
1.0E+00	X		V		Cyclohexene Cyclohexylamine Cyfluthrin	110-83-8 108-91-8 68359-37-5		4.4E+03
					Cyhalothrin Cypermethrin Cyromazine	68085-85-8 52315-07-8 66215-27-8		
6.9E-05	C				DDD	72-54-8	1.8E-01	
9.7E-05	C		V		DDE, p,p'- DDT	72-55-9 50-29-3	1.3E-01 1.3E-01	
5.1E-06	C				Dalapon Daminozide Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209)	75-99-0 1596-84-5 1163-19-5	2.4E+00	
					Demeton Di(2-ethylhexyl)adipate Diallate	8065-48-3 103-23-1 2303-16-4		
6.0E-03	P	2.0E-04	I	V	Diazinon Dibenzothiophene Dibromo-3-chloropropane, 1,2-	333-41-5 132-65-0 96-12-8	2.0E-03	8.8E-01
			V		Dibromobenzene, 1,3- Dibromobenzene, 1,4- Dibromochloromethane	108-36-1 106-37-6 124-48-1		

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Toxicity and Chemical-specific					Contaminant	Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1	
IUR (ug/m ³ -1)	k e y	RfC (mg/m ³)	k e y	v o l u t i l e n e s s	Analyte	CAS No.	Carcinogenic SL TR=1E-06 (ug/m ³)	Noncarcinogenic SL HI=1 (ug/m ³)
6.0E-04	I	9.0E-03	I	V	Dibromoethane, 1,2-	106-93-4	2.0E-02	3.9E+01
		4.0E-03	X	V	Dibromomethane (Methylene Bromide)	74-95-3		1.8E+01
					Dibutyltin Compounds	NA		
4.2E-03	P			V	Dicamba	1918-00-9		
4.2E-03	P			V	Dichloro-2-butene, 1,4-	764-41-0	2.9E-03	
					Dichloro-2-butene, cis-1,4-	1476-11-5	2.9E-03	
4.2E-03	P			V	Dichloro-2-butene, trans-1,4-	110-57-6	2.9E-03	
		2.0E-01	H	V	Dichloroacetic Acid	79-43-6		
					Dichlorobenzene, 1,2-	95-50-1		8.8E+02
1.1E-05	C	8.0E-01	I	V	Dichlorobenzene, 1,4-	106-46-7	1.1E+00	3.5E+03
3.4E-04	C				Dichlorobenzidine, 3,3'-	91-94-1	3.6E-02	
					Dichlorobenzophenone, 4,4'-	90-98-2		
		1.0E-01	X	V	Dichlorodifluoromethane	75-71-8		4.4E+02
1.6E-06	C			V	Dichloroethane, 1,1-	75-34-3	7.7E+00	
2.6E-05	I	7.0E-03	P	V	Dichloroethane, 1,2-	107-06-2	4.7E-01	3.1E+01
		2.0E-01	I	V	Dichloroethylene, 1,1-	75-35-4		8.8E+02
				V	Dichloroethylene, 1,2-cis-	156-59-2		
				V	Dichloroethylene, 1,2-trans-	156-60-5		
					Dichlorophenol, 2,4-	120-83-2		
					Dichlorophenoxy Acetic Acid, 2,4-	94-75-7		
					Dichlorophenoxybutyric Acid, 4-(2,4-	94-82-6		
1.0E-05	C	4.0E-03	I	V	Dichloropropane, 1,2-	78-87-5	1.2E+00	1.8E+01
				V	Dichloropropane, 1,3-	142-28-9		
					Dichloropropanol, 2,3-	616-23-9		
4.0E-06	I	2.0E-02	I	V	Dichloropropene, 1,3-	542-75-6	3.1E+00	8.8E+01
8.3E-05	C	5.0E-04	I		Dichlorvos	62-73-7	1.5E-01	2.2E+00
					Dicrotophos	141-66-2		
		3.0E-04	X	V	Dicyclopentadiene	77-73-6		1.3E+00
4.6E-03	I				Dieldrin	60-57-1	2.7E-03	
3.0E-04	C	5.0E-03	I		Diesel Engine Exhaust	NA	4.1E-02	2.2E+01
		2.0E-04	P		Diethanolamine	111-47-2		8.8E-01
		1.0E-04	P		Diethylene Glycol Monobutyl Ether	112-34-5		4.4E-01
		3.0E-04	P		Diethylene Glycol Monoethyl Ether	111-90-0		1.3E+00
				V	Diethylformamide	617-84-5		
1.0E-01	C				Diethylstilbestrol	56-53-1	1.2E-04	
					Difenzoquat	43222-48-6		
		4.0E+01	I	V	Diflubenzuron	35367-38-5		
1.3E-05	C			V	Difluoroethane, 1,1-	75-37-6		1.8E+05
					Dihydrosafrole	94-58-6	9.4E-01	
		7.0E-01	P	V	Diisopropyl Ether	108-20-3		3.1E+03
				V	Diisopropyl Methylphosphonate	1445-75-6		
					Dimethipin	55290-64-7		
					Dimethoate	60-51-5		
					Dimethoxybenzidine, 3,3'-	119-90-4		
					Dimethyl methylphosphonate	756-79-6		
1.3E-03	C				Dimethylamino azobenzene [p-]	60-11-7	9.4E-03	
					Dimethylaniline HCl, 2,4-	21436-96-4		
					Dimethylaniline, 2,4-	95-68-1		
				V	Dimethylaniline, N,N-	121-69-7		
					Dimethylbenzidine, 3,3'-	119-93-7		
		3.0E-02	I	V	Dimethylformamide	68-12-2		1.3E+02
		2.0E-06	X	V	Dimethylhydrazine, 1,1-	57-14-7		8.8E-03
1.6E-01	C			V	Dimethylhydrazine, 1,2-	540-73-8	7.7E-05	
					Dimethylphenol, 2,4-	105-67-9		
					Dimethylphenol, 2,6-	576-26-1		
1.3E-05	C			V	Dimethylphenol, 3,4-	95-65-8	9.4E-01	
					Dimethylvinylchloride	513-37-1		
					Dinitro-o-cresol, 4,6-	534-52-1		
					Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5		
					Dinitrobenzene, 1,2-	528-29-0		
					Dinitrobenzene, 1,3-	99-65-0		
					Dinitrobenzene, 1,4-	100-25-4		
					Dinitrophenol, 2,4-	51-28-5		
8.9E-05	C				Dinitrotoluene Mixture, 2,4/2,6-	NA	1.4E-01	
					Dinitrotoluene, 2,4-	121-14-2		
					Dinitrotoluene, 2,6-	606-20-2		
					Dinitrotoluene, 2-Amino-4,6-	35572-78-2		
					Dinitrotoluene, 4-Amino-2,6-	19406-51-0		

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Toxicity and Chemical-specific						Contaminant	Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1		
IUR (ug/m ³ -1)	k e y	RfC (mg/m ³)	k e y	v o l a t i l e	muta- gen	Analyte	CAS No.	Carcinogenic SL TR=1E-06 (ug/m ³)	Noncarcinogenic SL HI=1 (ug/m ³)	
						Dinitrotoluene, Technical grade	25321-14-6			
5.0E-06	I	3.0E-02	I	V		Dinoseb Dioxane, 1,4- Dioxins	88-85-7 123-91-1	2.5E+00	1.3E+02	
1.3E+00	I	3.8E+01	C	4.0E-08	C	V	~Hexachlorodibenzo-p-dioxin, Mixture ~TCDD, 2,3,7,8- Diphenamid	NA 1746-01-6 957-51-7	9.4E-06 3.2E-07	1.8E-04
2.2E-04	I					Diphenyl Sulfone Diphenylamine Diphenylhydrazine, 1,2-	127-63-9 122-39-4 122-66-7	5.6E-02		
1.4E-01	C					Diquat Direct Black 38 Direct Blue 6	85-00-7 1937-37-7 2602-46-2	8.8E-05 8.8E-05		
1.4E-01	C					Direct Brown 95 Disulfoton Dithiane, 1,4-	16071-86-6 298-04-4 505-29-3	8.8E-05		
					V	Diuron Dodine EPTC	330-54-1 2439-10-3 759-94-4			
					V	Endosulfan Endothall Endrin	115-29-7 145-73-3 72-20-8			
1.2E-06	I	1.0E-03	I	V		Epichlorohydrin Epoxybutane, 1,2 Ethanol, 2-(2-methoxyethoxy)-	106-89-8 106-88-7 111-77-3	1.0E+01	4.4E+00 8.8E+01	
		6.0E-02	P	V		Ethephon Ethion Ethoxyethanol Acetate, 2-	16672-87-0 563-12-2 111-15-9		2.6E+02	
		2.0E-01	I	V		Ethoxyethanol, 2-	110-80-5		8.8E+02	
		7.0E-02	P	V		Ethyl Acetate	141-78-6		3.1E+02	
		8.0E-03	P	V		Ethyl Acrylate	140-88-5		3.5E+01	
		1.0E+01	I	V		Ethyl Chloride (Chloroethane) Ethyl Ether Ethyl Methacrylate	75-00-3 60-29-7 97-63-2		4.4E+04 1.3E+03	
2.5E-06	C	1.0E+00	I	V		Ethyl-p-nitrophenyl Phosphonate Ethylbenzene Ethylene Cyanohydrin	2104-64-5 100-41-4 109-78-4	4.9E+00	4.4E+03	
		4.0E-01	C			V	Ethylene Diamine Ethylene Glycol Ethylene Glycol Monobutyl Ether	107-15-3 107-21-1 111-76-2		1.8E+03 7.0E+03
8.8E-05	C	3.0E-02	C	V		Ethylene Oxide Ethylene Thiourea Ethyleneimine	75-21-8 96-45-7 151-56-4	1.4E-01 5.4E-01 6.5E-04	1.3E+02	
1.3E-05	C					Ethylphthalyl Ethyl Glycolate Fenamiphos Fenpropathrin	84-72-0 22224-92-6 39515-41-8			
		1.3E-02	C			Fenvalerate Fluometuron Fluoride	51630-58-1 2164-17-2 16984-48-8		5.7E+01	
		1.3E-02	C			Fluorine (Soluble Fluoride) Fluridone Flurprimidol	7782-41-4 59756-60-4 56425-91-3		5.7E+01	
						Flusilazole Flutolanil Fluvalinate	85509-19-9 66332-96-5 69409-94-5			
						Folpet Fomesafen Fonofos	133-07-3 72178-02-0 944-22-9			
1.3E-05	I	9.8E-03	A	V		Formaldehyde Formic Acid Fosetyl-AL	50-00-0 64-18-6 39148-24-8	9.4E-01	4.3E+01 1.3E+00	
					V	Furans ~Dibenzofuran ~Furan	132-64-9 110-00-9			
		2.0E+00	I	V		~Tetrahydrofuran Furazolidone Furfural	109-99-9 67-45-8 98-01-1		8.8E+03 2.2E+02	
4.3E-04	C					Furium	531-82-8	2.9E-02		

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Toxicity and Chemical-specific					Contaminant	Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1		
IUR (ug/m ³ -1)	k y	RfC (mg/m ³)	k y	v l	muta- gen	Analyte	CAS No.	Carcinogenic SL TR=1E-06 (ug/m ³)	Noncarcinogenic SL HI=1 (ug/m ³)
8.6E-06	C					Furmecyclox	60568-05-0	1.4E+00	
						Glufosinate, Ammonium	77182-82-2		
8.0E-05	C					Glutaraldehyde	111-30-8		3.5E-01
1.0E-03	H V					Glycidyl	765-34-4		4.4E+00
						Glyphosate	1071-83-6		
					V	Guanidine	113-00-8		
						Guanidine Chloride	50-01-1		
						Haloxyfop, Methyl	69806-40-2		
1.3E-03	I				V	Heptachlor	76-44-8	9.4E-03	
2.6E-03	I				V	Heptachlor Epoxide	1024-57-3	4.7E-03	
					V	Hexabromobenzene	87-82-1		
4.6E-04	I				V	Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153)	68631-49-2		
2.2E-05	I				V	Hexachlorobenzene	118-74-1	2.7E-02	
					V	Hexachlorobutadiene	87-68-3	5.6E-01	
1.8E-03	I					Hexachlorocyclohexane, Alpha-	319-84-6	6.8E-03	
5.3E-04	I					Hexachlorocyclohexane, Beta-	319-85-7	2.3E-02	
3.1E-04	C					Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	4.0E-02	
5.1E-04	I					Hexachlorocyclohexane, Technical	608-73-1	2.4E-02	
2.0E-04	I V					Hexachlorocyclopentadiene	77-47-4		8.8E-01
1.1E-05	C	3.0E-02	I	V		Hexachloroethane	67-72-1	1.1E+00	1.3E+02
						Hexachlorophene	70-30-4		
						Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4		
1.0E-05	I V					Hexamethylene Diisocyanate, 1,6-	822-06-0		4.4E-02
						Hexamethylphosphoramide	680-31-9		
7.0E-01	I V					Hexane, N-	110-54-3		3.1E+03
						Hexanedioic Acid	124-04-9		
3.0E-02	I V					Hexanone, 2-	591-78-6		1.3E+02
						Hexazinone	51235-04-2		
						Hexythiazox	78587-05-0		
4.9E-03	I	3.0E-05	P	V		Hydramethylnon	67485-29-4	2.5E-03	1.3E-01
4.9E-03	I					Hydrazine	302-01-2	2.5E-03	
						Hydrazine Sulfate	10034-93-2		
2.0E-02	I V					Hydrogen Chloride	7647-01-0		8.8E+01
1.4E-02	C V					Hydrogen Fluoride	7664-39-3		6.1E+01
2.0E-03	I V					Hydrogen Sulfide	7783-06-4		8.8E+00
						Hydroquinone	123-31-9		
						Imazalil	35554-44-0		
						Imazaquin	81335-37-7		
						Imzethapyr	81335-77-5		
						Iodine	7553-56-2		
						Iprodione	36734-19-7		
					V	Iron	7439-89-6		
2.0E+00	C					Isobutyl Alcohol	78-83-1		8.8E+03
					V	Isophorone	78-59-1		
2.0E-01	P V					Isopropalin	33820-53-0		8.8E+02
						Isopropanol	67-63-0		
						Isopropyl Methyl Phosphonic Acid	1832-54-8		
3.0E-01	A V					Isoxaben	82558-50-7		1.3E+03
						JP-7	NA		
						Lactofen	77501-63-4		
1.5E-01	C	2.0E-04	C		M	Lead Compounds			
1.2E-05	C					~Lead Chromate	7758-97-6	8.2E-05	8.8E-01
						~Lead Phosphate	7446-27-7	1.0E+00	
8.0E-05	C					~Lead acetate	301-04-2	1.5E-01	
						~Lead and Compounds	7439-92-1		
1.2E-05	C					~Lead subacetate	1335-32-6	1.0E+00	
					V	~Tetraethyl Lead	78-00-2		
					V	Lewisite	541-25-3		
						Linuron	330-55-2		
						Lithium	7439-93-2		
						MCPA	94-74-6		
						MCPB	94-81-5		
7.0E-04	C					MCPP	93-65-2		
						Malathion	121-75-5		
						Maleic Anhydride	108-31-6		3.1E+00
						Maleic Hydrazide	123-33-1		
						Malononitrile	109-77-3		
						Mancozeb	8018-01-7		

Regional Screening Level (RSL) Composite Worker Ambient Air Table (TR=1E-06, HQ=1) November 2015

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Toxicity and Chemical-specific						Contaminant		Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1
IUR (ug/m ³) ⁻¹	k e y	RfC _i (mg/m ³)	k e y	v o l u t i l e	muta- gen	Analyte	CAS No.	Carcinogenic SL TR=1E-06 (ug/m ³)	Noncarcinogenic SL HI=1 (ug/m ³)
5.0E-05	I					Maneb	12427-38-2		
5.0E-05	I					Manganese (Diet)	7439-96-5		
						Manganese (Non-diet)	7439-96-5		2.2E-01
						Mephosfolan	950-10-7		
						Mepiquat Chloride	24307-26-4		
						Mercury Compounds			
3.0E-04	S					Mercuric Chloride (and other Mercury salts)	7487-94-7		1.3E+00
3.0E-04	I					Mercury (elemental)	7439-97-6		1.3E+00
						Methyl Mercury	22967-92-6		
						Phenylmercuric Acetate	62-38-4		
					V	Merphos	150-50-5		
						Merphos Oxide	78-48-8		
3.0E-02	P				V	Metalaxyl	57837-19-1		
						Methacrylonitrile	126-98-7		1.3E+02
						Methamidophos	10265-92-6		
2.0E+01	I				V	Methanol	67-56-1		8.8E+04
						Methidathion	950-37-8		
						Methomyl	16752-77-5		
1.4E-05	C					Methoxy-5-nitroaniline, 2-	99-59-2	8.8E-01	
						Methoxychlor	72-43-5		
1.0E-03	P				V	Methoxyethanol Acetate, 2-	110-49-6		4.4E+00
						Methoxyethanol, 2-	109-86-4		8.8E+01
					V	Methyl Acetate	79-20-9		
					P	Methyl Acrylate	96-33-3		8.8E+01
5.0E+00	I				V	Methyl Ethyl Ketone (2-butanone)	78-93-3		2.2E+04
1.0E-03	X	2.0E-05	X		V	Methyl Hydrazine	60-34-4	1.2E-02	8.8E-02
					V	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1		1.3E+04
1.0E-03	C				V	Methyl Isocyanate	624-83-9		4.4E+00
7.0E-01	I				V	Methyl Methacrylate	80-62-6		3.1E+03
						Methyl Parathion	298-00-0		
						Methyl Phosphonic Acid	993-13-5		
4.0E-02	H				V	Methyl Styrene (Mixed Isomers)	25013-15-4		1.8E+02
2.8E-05	C					Methyl methanesulfonate	66-27-3	4.4E-01	
2.6E-07	C	3.0E+00	I		V	Methyl tert-Butyl Ether (MTBE)	1634-04-4	4.7E+01	1.3E+04
						Methyl-1,4-benzenediamine dihydrochloride, 2-	615-45-2		
						Methyl-5-Nitroaniline, 2-	99-55-8		
2.4E-03	C					Methyl-N-nitro-N-nitrosoguanidine, N-	70-25-7	5.1E-03	
3.7E-05	C					Methylaniline Hydrochloride, 2-	636-21-5	3.3E-01	
						Methylarsonic acid	124-58-3		
						Methylbenzene,1,4-diamine monohydrochloride, 2-	74612-12-7		
6.3E-03	C				M	Methylbenzene-1,4-diamine sulfate, 2-	615-50-9	1.9E-03	
						Methylcholanthrene, 3-	56-49-5		
1.0E-08	I	6.0E-01	I		V	Methylene Chloride	75-09-2	1.2E+03	2.6E+03
4.3E-04	C				M	Methylene-bis(2-chloroaniline), 4,4'-	101-14-4	2.9E-02	
1.3E-05	C					Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	101-61-1	9.4E-01	
4.6E-04	C	2.0E-02	C			Methylenebisbenzenamine, 4,4'-	101-77-9	2.7E-02	8.8E+01
					I	Methylenediphenyl Diisocyanate	101-68-8		2.6E+00
					V	Methylstyrene, Alpha-	98-83-9		
						Metolachlor	51218-45-2		
						Metribuzin	21087-64-9		
						Metsulfuron-methyl	74223-64-6		
5.1E-03	C				V	Mineral oils	8012-95-1	2.4E-03	
					V	Mirex	2385-85-5		
						Molinate	2212-67-1		
						Molybdenum	7439-98-7		
						Monochloramine	10599-90-3		
						Monomethylaniline	100-61-8		
						Myclobutanil	88671-89-0		
					V	N,N'-Diphenyl-1,4-benzenediamine	74-31-7		
						Naled	300-76-5		
1.0E-01	P				V	Naphtha, High Flash Aromatic (HFAN)	64742-95-6		4.4E+02
0.0E+00	C					Naphthylamine, 2-	91-59-8		
						Napropamide	15299-99-7		
2.6E-04	C	1.4E-05	C			Nickel Acetate	373-02-4	4.7E-02	6.1E-02
2.6E-04	C	1.4E-05	C			Nickel Carbonate	3333-67-3	4.7E-02	6.1E-02
2.6E-04	C	1.4E-05	C	V		Nickel Carbonyl	13463-39-3	4.7E-02	6.1E-02
2.6E-04	C	1.4E-05	C			Nickel Hydroxide	12054-48-7	4.7E-02	6.1E-02
2.6E-04	C	2.0E-05	C			Nickel Oxide	1313-99-1	4.7E-02	8.8E-02

Regional Screening Level (RSL) Composite Worker Ambient Air Table (TR=1E-06, HQ=1) November 2015

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Toxicity and Chemical-specific					Contaminant	Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1	
IUR (ug/m ³ -y)	k e y	RfC (mg/m ³)	k e y	v o l u t i l i t y	Analyte	CAS No.	Carcinogenic SL TR=1E-06 (ug/m ³)	Noncarcinogenic SL HI=1 (ug/m ³)
2.4E-04	I	1.4E-05	C		Nickel Refinery Dust	NA	5.1E-02	6.1E-02
2.6E-04	C	9.0E-05	A		Nickel Soluble Salts	7440-02-0	4.7E-02	3.9E-01
4.8E-04	I	1.4E-05	C		Nickel Subsulfide	12035-72-2	2.6E-02	6.1E-02
2.6E-04	C	1.4E-05	C		Nickelocene	1271-28-9	4.7E-02	6.1E-02
					Nitrate	14797-55-8		
					Nitrate + Nitrite (as N)	NA		
					Nitrite	14797-65-0		
		5.0E-05	X		Nitroaniline, 2-	88-74-4		2.2E-01
		6.0E-03	P		Nitroaniline, 4-	100-01-6		2.6E+01
4.0E-05	I	9.0E-03	I	V	Nitrobenzene	98-95-3	3.1E-01	3.9E+01
					Nitrocellulose	9004-70-0		
					Nitrofurantoin	67-20-9		
3.7E-04	C				Nitrofurazone	59-87-0	3.3E-02	
					Nitroglycerin	55-63-0		
					Nitroguanidine	556-88-7		
8.8E-06	P	5.0E-03	P	V	Nitromethane	75-52-5	1.4E+00	2.2E+01
2.7E-03	H	2.0E-02	I	V	Nitropropane, 2-	79-46-9	4.5E-03	8.8E+01
7.7E-03	C			M	Nitroso-N-ethylurea, N-	759-73-9	1.6E-03	
3.4E-02	C			M	Nitroso-N-methylurea, N-	684-93-5	3.6E-04	
1.6E-03	I			V	Nitroso-di-N-butylamine, N-	924-16-3	7.7E-03	
2.0E-03	C				Nitroso-di-N-propylamine, N-	621-64-7	6.1E-03	
8.0E-04	C				Nitrosodiethanolamine, N-	1116-54-7	1.5E-02	
4.3E-02	I			M	Nitrosodiethylamine, N-	55-18-5	2.9E-04	
1.4E-02	I	4.0E-05	X	V	Nitrosodimethylamine, N-	62-75-9	8.8E-04	1.8E-01
2.6E-06	C				Nitrosodiphenylamine, N-	86-30-6	4.7E+00	
6.3E-03	C			V	Nitrosomethylethylamine, N-	10595-95-6	1.9E-03	
1.9E-03	C				Nitrosomorpholine [N-]	59-89-2	6.5E-03	
2.7E-03	C				Nitrosopiperidine [N-]	100-75-4	4.5E-03	
6.1E-04	I				Nitrosopyrrolidine, N-	930-55-2	2.0E-02	
				V	Nitrotoluene, m-	99-08-1		
					Nitrotoluene, o-	88-72-2		
					Nitrotoluene, p-	99-99-0		
2.0E-02	P			V	Nonane, n-	111-84-2		8.8E+01
					Norflurazon	27314-13-2		
					Octabromodiphenyl Ether	32536-52-0		
					Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	2691-41-0		
					Octamethylpyrophosphoramidate	152-16-9		
					Oryzalin	19044-88-3		
					Oxadiazon	19666-30-9		
					Oxamyl	23135-22-0		
					Oxyfluorfen	42874-03-3		
					Paclobutrazol	76738-62-0		
					Paraquat Dichloride	1910-42-5		
				V	Parathion	56-38-2		
					Pebulate	1114-71-2		
					Pendimethalin	40487-42-1		
				V	Pentabromodiphenyl Ether	32534-81-9		
				V	Pentabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-99)	60348-60-9		
				V	Pentachlorobenzene	608-93-5		
				V	Pentachloroethane	76-01-7		
				V	Pentachloronitrobenzene	82-68-8		
5.1E-06	C				Pentachlorophenol	87-86-5	2.4E+00	
					Pentaerythritol tetranitrate (PETN)	78-11-5		
1.0E+00	P			V	Pentane, n- Perchlorates	109-66-0		4.4E+03
					~Ammonium Perchlorate	7790-98-9		
					~Lithium Perchlorate	7791-03-9		
					~Perchlorate and Perchlorate Salts	14797-73-0		
					~Potassium Perchlorate	7778-74-7		
				V	~Sodium Perchlorate	7601-89-0		
					Perfluorobutane Sulfonate	375-73-5		
6.3E-07	C				Permethrin	52645-53-1	1.9E+01	
					Phenacetin	62-44-2		
					Phenmedipham	13684-63-4		
		2.0E-01	C		Phenol	108-95-2		8.8E+02
					Phenothiazine	92-84-2		
					Phenylenediamine, m-	108-45-2		
					Phenylenediamine, o-	95-54-5		

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Toxicity and Chemical-specific					Contaminant	Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1	
IUR (ug/m ³) ⁻¹	k e y	RfC (mg/m ³)	k e y	v o l u t i l e n e s s	Analyte	CAS No.	Carcinogenic SL TR=1E-06 (ug/m ³)	Noncarcinogenic SL HI=1 (ug/m ³)
					Phenylenediamine, p- Phenylphenol, 2-	106-50-3 90-43-7		
3.0E-04	I		V		Phorate Phosgene Phosmet	298-02-2 75-44-5 732-11-6		1.3E+00
					Phosphates, Inorganic			
					~Aluminum metaphosphate ~Ammonium polyphosphate	13776-88-0 68333-79-9		
					~Calcium pyrophosphate ~Diammonium phosphate ~Dicalcium phosphate	7790-76-3 7783-28-0 7757-93-9		
					~Dimagnesium phosphate ~Dipotassium phosphate ~Disodium phosphate	7782-75-4 7758-11-4 7558-79-4		
					~Monoaluminum phosphate ~Monoammonium phosphate ~Monocalcium phosphate	13530-50-2 7722-76-1 7758-23-8		
					~Monomagnesium phosphate ~Monopotassium phosphate ~Monosodium phosphate	7757-86-0 7778-77-0 7558-80-7		
					~Polyphosphoric acid ~Potassium triphosphate ~Sodium acid pyrophosphate	8017-16-1 13845-36-8 7758-16-9		
					~Sodium aluminum phosphate (acidic) ~Sodium aluminum phosphate (anhydrous) ~Sodium aluminum phosphate (tetrahydrate)	7785-88-8 10279-59-1 10305-76-7		
					~Sodium hexametaphosphate ~Sodium polyphosphate ~Sodium trimetaphosphate	10124-56-8 68915-31-1 7785-84-4		
					~Sodium triphosphate ~Tetrapotassium phosphate ~Tetrasodium pyrophosphate	7758-29-4 7320-34-5 7722-88-5		
					~Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate) ~Tricalcium phosphate ~Trimagnesium phosphate	15136-87-5 7758-87-4 7757-87-1		
3.0E-04	I		V		~Tripotassium phosphate ~Trisodium phosphate Phosphine	7778-53-2 7601-54-9 7803-51-2		1.3E+00
1.0E-02	I		V		Phosphoric Acid Phosphorus, White Phthalates	7664-38-2 7723-14-0		4.4E+01
2.4E-06	C				~Bis(2-ethylhexyl)phthalate ~Butylphthalyl Butylglycolate ~Dibutyl Phthalate	117-81-7 85-70-1 84-74-2	5.1E+00	
				V	~Diethyl Phthalate ~Dimethylterephthalate ~Octyl Phthalate, di-N-	84-66-2 120-61-6 117-84-0		
2.0E-02	C				~Phthalic Acid, P- ~Phthalic Anhydride Picloram	100-21-0 85-44-9 1918-02-1		8.8E+01
8.6E-03	C				Picramic Acid (2-Amino-4,6-dinitrophenol) Picric Acid (2,4,6-Trinitrophenol) Pirimiphos, Methyl	96-91-3 88-89-1 29232-93-7		
2.0E-05	S		V		Polybrominated Biphenyls Polychlorinated Biphenyls (PCBs) ~Aroclor 1016	59536-65-1 12674-11-2	1.4E-03 6.1E-01	
5.7E-04	S		V		~Aroclor 1221	11104-28-2	2.1E-02	
5.7E-04	S		V		~Aroclor 1232	11141-16-5	2.1E-02	
5.7E-04	S		V		~Aroclor 1242	53469-21-9	2.1E-02	
5.7E-04	S		V		~Aroclor 1248	12672-29-6	2.1E-02	
5.7E-04	S		V		~Aroclor 1254	11097-69-1	2.1E-02	
5.7E-04	S		V		~Aroclor 1260	11096-82-5	2.1E-02	
1.1E-03	E	1.3E-03	E	V	~Aroclor 5460	11126-42-4		
1.1E-03	E	1.3E-03	E	V	~Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	1.1E-02	5.8E+00
1.1E-03	E	1.3E-03	E	V	~Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	52663-72-6	1.1E-02	5.8E+00
1.1E-03	E	1.3E-03	E	V	~Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	69782-90-7	1.1E-02	5.8E+00
1.1E-03	E	1.3E-03	E	V	~Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 156)	38380-08-4	1.1E-02	5.8E+00
1.1E+00	E	1.3E-06	E	V	~Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	32774-16-6	1.1E-05	5.8E-03

Regional Screening Level (RSL) Composite Worker Ambient Air Table (TR=1E-06, HQ=1) November 2015

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					Contaminant	Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1	
IUR (ug/m ³ -1)	k e y	RfC (mg/m ³)	k e y	v o l u t a g e n	Analyte	CAS No.	Carcinogenic SL TR=1E-06 (ug/m ³)	Noncarcinogenic SL HI=1 (ug/m ³)
1.1E-03	E	1.3E-03	E	V	~Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)	65510-44-3	1.1E-02	5.8E+00
1.1E-03	E	1.3E-03	E	V	~Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	31508-00-6	1.1E-02	5.8E+00
1.1E-03	E	1.3E-03	E	V	~Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	1.1E-02	5.8E+00
1.1E-03	E	1.3E-03	E	V	~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	74472-37-0	1.1E-02	5.8E+00
3.8E+00	E	4.0E-07	E	V	~Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	57465-28-8	3.2E-06	1.8E-03
5.7E-04	I			V	~Polychlorinated Biphenyls (high risk)	1336-36-3	2.1E-02	
1.0E-04	I			V	~Polychlorinated Biphenyls (low risk)	1336-36-3	1.2E-01	
2.0E-05	I			V	~Polychlorinated Biphenyls (lowest risk)	1336-36-3	6.1E-01	
3.8E-03	E	4.0E-04	E		~Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	3.2E-03	1.8E+00
1.1E-02	E	1.3E-04	E	V	~Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)	70362-50-4	1.1E-03	5.8E-01
		6.0E-04	I		Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9		2.6E+00
					Polynuclear Aromatic Hydrocarbons (PAHs)			
				V	~Acenaphthene	83-32-9		
				V	~Anthracene	120-12-7		
1.1E-04	C			V M	~Benz[a]anthracene	56-55-3	1.1E-01	
1.1E-04	C				~Benzo(j)fluoranthene	205-82-3	1.1E-01	
1.1E-03	C			M	~Benzo[a]pyrene	50-32-8	1.1E-02	
1.1E-04	C			M	~Benzo[b]fluoranthene	205-99-2	1.1E-01	
1.1E-04	C			M	~Benzo[k]fluoranthene	207-08-9	1.1E-01	
				V	~Chloronaphthalene, Beta-	91-58-7		
1.1E-05	C			M	~Chrysene	218-01-9	1.1E+00	
1.2E-03	C			M	~Dibenz[a,h]anthracene	53-70-3	1.0E-02	
1.1E-03	C				~Dibenzo(a,e)pyrene	192-65-4	1.1E-02	
7.1E-02	C			M	~Dimethylbenz(a)anthracene, 7,12-	57-97-6	1.7E-04	
				V	~Fluoranthene	206-44-0		
1.1E-04	C			M	~Fluorene	86-73-7		
					~Indeno[1,2,3-cd]pyrene	193-39-5	1.1E-01	
				V	~Methylnaphthalene, 1-	90-12-0		
				V	~Methylnaphthalene, 2-	91-57-6		
3.4E-05	C	3.0E-03	I	V	~Naphthalene	91-20-3	3.6E-01	1.3E+01
1.1E-04	C			V	~Nitropyrene, 4-	57835-92-4	1.1E-01	
					~Pyrene	129-00-0		
					Potassium Perfluorobutane Sulfonate	29420-49-3		
				V	Prochloraz	67747-09-5		
					Profluralin	26399-36-0		
					Prometon	1610-18-0		
					Prometryn	7287-19-6		
					Propachlor	1918-16-7		
					Propanediol, 1,2-	114-26-1		
					Propanil	709-98-8		
				V	Propargite	2312-35-8		
					Propargyl Alcohol	107-19-7		
					Propazine	139-40-2		
					Propham	122-42-9		
					Propiconazole	60207-90-1		
		8.0E-03	I	V	Propionaldehyde	123-38-6		3.5E+01
		1.0E+00	X	V	Propyl benzene	103-65-1		4.4E+03
		3.0E+00	C	V	Propylene	115-07-1		1.3E+04
					Propylene Glycol	57-55-6		
		2.7E-04	A		Propylene Glycol Dinitrate	6423-43-4		1.2E+00
		2.0E+00	I	V	Propylene Glycol Monomethyl Ether	107-98-2		8.8E+03
3.7E-06	I	3.0E-02	I	V	Propylene Oxide	75-56-9	3.3E+00	1.3E+02
				V	Propyzamide	23950-58-5		
					Pyridine	110-86-1		
					Quinalphos	13593-03-8		
					Quinoline	91-22-5		
					Quizalofop-ethyl	76578-14-8		
		3.0E-02	A		Refractory Ceramic Fibers	NA		1.3E+02
				V	Resmethrin	10453-86-8		
					Ronnel	299-84-3		
6.3E-05	C			M	Rotenone	83-79-4	1.9E-01	
					Safrole	94-59-7		
					Selenious Acid	7783-00-8		
		2.0E-02	C		Selenium	7782-49-2		8.8E+01
		2.0E-02	C		Selenium Sulfide	7446-34-6		8.8E+01
					Sethoxydim	74051-80-2		
		3.0E-03	C		Silica (crystalline, respirable)	7631-86-9		1.3E+01
					Silver	7440-22-4		

TR=1E-06
THQ=1.0

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Toxicity and Chemical-specific						Contaminant	Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1	
IUR (ug/m ³ -1)	k e y	RfC (mg/m ³)	k e y	v o l u t a g e n	muta- gen	Analyte	CAS No.	Carcinogenic SL TR=1E-06 (ug/m ³)	Noncarcinogenic SL HI=1 (ug/m ³)
						Simazine	122-34-9		
1.5E-01	C	2.0E-04	C		M	Sodium Acifluorfen Sodium Azide Sodium Dichromate	62476-59-9 26628-22-8 10588-01-9	8.2E-05	8.8E-01
		1.3E-02	C			Sodium Diethyldithiocarbamate Sodium Fluoride Sodium Fluoroacetate	148-18-5 7681-49-4 62-74-8		5.7E+01
1.5E-01	C	2.0E-04	C		M	Sodium Metavanadate Sodium Tungstate Sodium Tungstate Dihydrate	13718-26-8 13472-45-2 10213-10-2		
						Stirofos (Tetrachlorovinphos) Strontium Chromate Strontium, Stable	961-11-5 7789-06-2 7440-24-6	8.2E-05	8.8E-01
		1.0E+00	I	V		Strychnine Styrene Styrene-Acrylonitrile (SAN) Trimer	57-24-9 100-42-5 NA		4.4E+03
		2.0E-03	X			Sulfolane	126-33-0		8.8E+00
		1.0E-03	C	V		Sulfonylbis(4-chlorobenzene), 1,1'- Sulfur Trioxide	80-07-9 7446-11-9		4.4E+00
7.1E-06	I	1.0E-03	C			Sulfuric Acid Sulfurous acid, 2-chloroethyl 2-[4-(1,1-dimethylethyl)phenoxy]-1-methylethyl ester TCMTB	7664-93-9 140-57-8 21564-17-0	1.7E+00	4.4E+00
						Tebuthiuron Temephos Terbacil	34014-18-1 3383-96-8 5902-51-2		
					V	Terbufos Terbutryn Tetrabromodiphenylether, 2,2',4,4'- (BDE-47)	13071-79-9 886-50-0 5436-43-1		
7.4E-06	I			V		Tetrachlorobenzene, 1,2,4,5-	95-94-3	1.7E+00	
5.8E-05	C			V		Tetrachloroethane, 1,1,1,2- Tetrachloroethane, 1,1,2,2-	630-20-6 79-34-5	2.1E-01	
2.6E-07	I	4.0E-02	I	V		Tetrachloroethylene Tetrachlorophenol, 2,3,4,6- Tetrachlorotoluene, p- alpha, alpha,	127-18-4 58-90-2 5216-25-1	4.7E+01	1.8E+02
		8.0E+01	I	V		Tetraethyl Dithiopyrophosphate Tetrafluoroethane, 1,1,1,2- Tetryl (Trinitrophenylmethylnitramine)	3689-24-5 814-97-2 479-45-8		3.5E+05
					V	Thallium (I) Nitrate Thallium (Soluble Salts) Thallium Acetate	10102-45-1 7440-28-0 563-68-8		
					V	Thallium Carbonate Thallium Chloride Thallium Sulfate	6533-73-9 7791-12-0 7446-18-6		
						Thifensulfuron-methyl Thiobencarb Thiodiglycol	79277-27-3 28249-77-6 111-48-8		
						Thiofanox Thiophanate, Methyl Thiram	39196-18-4 23564-05-8 137-26-8		
1.0E-04	A		V			Tin	7440-31-5		4.4E-01
5.0E+00	I		V			Titanium Tetrachloride Toluene	7550-45-0 108-88-3		2.2E+04
					V	Toluene-2,5-diamine Toluidine, p- Total Petroleum Hydrocarbons (Aliphatic High)	95-70-5 106-49-0 NA		
6.0E-01	P		V			Total Petroleum Hydrocarbons (Aliphatic Low)	NA		2.6E+03
1.0E-01	P		V			Total Petroleum Hydrocarbons (Aliphatic Medium) Total Petroleum Hydrocarbons (Aromatic High)	NA NA		4.4E+02
3.0E-02	P		V			Total Petroleum Hydrocarbons (Aromatic Low)	NA		1.3E+02
3.2E-04	I	3.0E-03	P	V		Total Petroleum Hydrocarbons (Aromatic Medium) Toxaphene	NA 8001-35-2	3.8E-02	1.3E+01
					V	Tralothrin Tri-n-butyltin Triacetin	66841-25-6 688-73-3 102-76-1		
					V	Triadimefon Triallate Triasulfuron	43121-43-3 2303-17-5 82097-50-5		
						Tribenuron-methyl	101200-48-0		

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Toxicity and Chemical-specific					Contaminant	Carcinogenic Target Risk (TR) = 1E-06	Noncancer Hazard Index (HI) = 1	
IUR (ug/m ³) ⁻¹	k e y	RfC (mg/m ³)	k e y	v o l u t i l i t y	Analyte	CAS No.	Carcinogenic SL TR=1E-06 (ug/m ³)	Noncarcinogenic SL HI=1 (ug/m ³)
			V		Tribromobenzene, 1,2,4-	615-54-3		
					Tributyl Phosphate	126-73-8		
					Tributyltin Compounds	NA		
3.0E+01	H		V		Tributyltin Oxide	56-35-9		
					Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1		1.3E+05
					Trichloroacetic Acid	76-03-9		
					Trichloroaniline HCl, 2,4,6-	33663-50-2		
					Trichloroaniline, 2,4,6-	634-93-5		
			V		Trichlorobenzene, 1,2,3-	87-61-6		
2.0E-03	P		V		Trichlorobenzene, 1,2,4-	120-82-1		8.8E+00
5.0E+00	I		V		Trichloroethane, 1,1,1-	71-55-6		2.2E+04
1.6E-05	I	2.0E-04	X	V	Trichloroethane, 1,1,2-	79-00-5	7.7E-01	8.8E-01
4.1E-06	I	2.0E-03	I	V	Trichloroethylene	79-01-6	3.0E+00	8.8E+00
					Trichlorofluoromethane	75-69-4		
3.1E-06	I				Trichlorophenol, 2,4,5-	95-95-4	4.0E+00	
					Trichlorophenol, 2,4,6-	88-06-2		
					Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5		
			V		Trichlorophenoxypropionic acid, -2,4,5	93-72-1		
3.0E-04	I		V	M	Trichloropropane, 1,1,2-	598-77-6		
					Trichloropropane, 1,2,3-	96-18-4		1.3E+00
3.0E-04	P		V		Trichloropropene, 1,2,3-	96-19-5		1.3E+00
					Tricresyl Phosphate (TCP)	1330-78-5		
					Tridiphenylmethane	58138-08-2		
7.0E-03	I		V		Triethylamine	121-44-8		3.1E+01
					Triethylene Glycol	112-27-6		
2.0E+01	P		V		Trifluoroethane, 1,1,1-	420-46-2		8.8E+04
			V		Trifluralin	1582-09-8		
5.0E-03	P		V		Trimethyl Phosphate	512-56-1		
					Trimethylbenzene, 1,2,3-	526-73-8		2.2E+01
7.0E-03	P		V		Trimethylbenzene, 1,2,4-	95-63-6		3.1E+01
					Trimethylbenzene, 1,3,5-	108-67-8		
					Trimethylpentene, 2,4,4-	25167-70-8		
					Trinitrobenzene, 1,3,5-	99-35-4		
					Trinitrotoluene, 2,4,6-	118-96-7		
					Triphenylphosphine Oxide	791-28-6		
6.6E-04	C		V		Tris(1,3-Dichloro-2-propyl) Phosphate	13674-87-8		
					Tris(1-chloro-2-propyl)phosphate	13674-84-5		
					Tris(2,3-dibromopropyl)phosphate	126-72-7	1.9E-02	
					Tris(2-chloroethyl)phosphate	115-96-8		
					Tris(2-ethylhexyl)phosphate	78-42-2		
					Tungsten	7440-33-7		
4.0E-05	A				Uranium (Soluble Salts)	NA		1.8E-01
2.9E-04	C			M	Urethane	51-79-6	4.2E-02	
8.3E-03	P	7.0E-06	P		Vanadium Pentoxide	1314-62-1	1.5E-03	3.1E-02
1.0E-04	A				Vanadium and Compounds	7440-62-2		4.4E-01
			V		Vernolate	1929-77-7		
					Vinclozolin	50471-44-8		
2.0E-01	I		V		Vinyl Acetate	108-05-4		8.8E+02
3.2E-05	H	3.0E-03	I	V	Vinyl Bromide	593-60-2	3.8E-01	1.3E+01
4.4E-06	I	1.0E-01	I	V	Vinyl Chloride	75-01-4	2.8E+00	4.4E+02
					Warfarin	81-81-2		
1.0E-01	S		V		Xylene, p-	106-42-3		4.4E+02
1.0E-01	S		V		Xylene, m-	108-38-3		4.4E+02
1.0E-01	S		V		Xylene, o-	95-47-6		4.4E+02
1.0E-01	I		V		Xylenes	1330-20-7		4.4E+02
					Zinc Phosphide	1314-84-7		
					Zinc and Compounds	7440-66-6		
					Zinc	12122-67-7		
					Zirconium	7440-67-7		

Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table November 2015

Contaminant		Molecular Weight		Volatility Parameters				Melting Point		Density		Diffusivity in Air and Water				Soil Partition Coefficients				Water Partition		Water Solubility		Tapwater Dermal Parameters												
Analyte	CAS No.	MW	MW Ref	H' (unitless)	HLC (atm-m ³ /mole)	H' and HLC Ref	VP	VP Ref	MP	MP Ref	Density (g/cm ³)	Density Ref	D ₁₀ (cm ² /s)	D ₁₀ (cm ² /s)	D ₁₀ and D _w Ref	K _{oc} (L/kg)	K _{oc} Ref	K _{oc} (L/kg)	K _{oc} Ref	log K _{ow} (unitless)	log K _{ow} Ref	S (mg/L)	S Ref	B (unitless)	B Ref	t* (hr)	t* (hr)	K _p	K _p Ref	K _{PF}						
Acetate	30560-19-1	1.8E+02	PHYSPROP	2.0E-11	5.0E-13	EPI	1.7E-06	PHYSPROP	8.8E+01	PHYSPROP	1.4E+00	CR89	3.7E-02	8.0E-06	EPA WATER	1.0E+01	EPI	-8.5E-01	PHYSPROP	8.2E+05	PHYSPROP	2.1E-04	1.1E+00	2.7E+00	4.0E-05	EPI	1.3E-03	1.9E-01	4.5E-01	5.3E-04	EPI					
Acetaldehyde	44E-01	PHYSPROP	2.7E-03	6.7E-05	PHYSPROP	9.0E+02	PHYSPROP	-1.2E+02	PHYSPROP	7.8E-01	CR89	1.3E-01	1.4E-05	EPA WATER	1.0E+00	EPI	-3.4E-01	PHYSPROP	1.0E+06	PHYSPROP	1.0E-03	1.9E-01	4.5E-01	5.3E-04	EPI	1.3E-03	1.9E-01	4.5E-01	5.3E-04	EPI						
Acetochlor	34256-82-1	2.7E+02	PHYSPROP	9.1E-07	2.2E-08	PHYSPROP	2.8E-05	PHYSPROP	1.1E+01	PubChem	1.1E+00	PubChem	2.2E-02	5.6E-06	EPA WATER	3.0E+00	EPI	3.0E+00	PHYSPROP	2.2E+02	PHYSPROP	3.1E-02	3.4E+00	8.2E+00	5.0E-03	EPI	1.5E-03	3.4E+00	8.2E+00	5.0E-03	EPI					
Acetone	67-64-1	5.8E+01	PHYSPROP	1.4E-03	3.5E-05	PHYSPROP	2.3E+02	PHYSPROP	-9.5E+01	PHYSPROP	7.8E-01	CR89	1.1E-01	1.2E-05	EPA WATER	2.4E+00	EPI	2.4E+00	PHYSPROP	1.0E+06	PHYSPROP	1.5E-03	2.2E-01	5.3E-01	5.1E-04	EPI	1.3E-03	1.9E-01	4.5E-01	5.3E-04	EPI					
Acetone Cyanohydrin	75-86-5	8.5E+01	PHYSPROP	8.1E-08	2.0E-09	PHYSPROP	3.4E-01	PHYSPROP	-1.9E+01	PHYSPROP	9.3E-01	CR89	8.6E-02	1.0E-05	EPA WATER	1.0E+00	EPI	3.0E-02	PHYSPROP	1.0E+06	PHYSPROP	1.8E-03	3.2E-01	7.6E-01	5.0E-04	EPI	1.4E-03	1.8E-01	4.3E-01	5.5E-04	EPI					
Acetonitrile	75-05-8	4.1E+01	PHYSPROP	1.4E-03	3.5E-05	PHYSPROP	8.3E+01	PHYSPROP	-6.4E+01	PHYSPROP	7.9E-01	CR89	1.3E-01	1.4E-05	EPA WATER	3.4E-01	EPI	3.4E-01	PHYSPROP	1.0E+06	PHYSPROP	1.6E-03	1.9E-01	4.5E-01	5.3E-04	EPI	1.3E-03	1.9E-01	4.5E-01	5.3E-04	EPI					
Acetophenone	98-86-2	1.2E+02	PHYSPROP	4.3E-04	1.0E-05	PHYSPROP	4.0E-01	PHYSPROP	2.0E+01	PHYSPROP	1.0E+00	CR89	6.5E-02	8.7E-06	EPA WATER	5.5E-01	EPI	1.1E+00	PHYSPROP	6.1E+03	PHYSPROP	1.6E-02	5.0E-01	1.2E+00	3.7E-03	EPI	1.6E-02	5.0E-01	1.2E+00	3.7E-03	EPI					
Acetylaminofluorene, 2-	53-96-3	2.2E+02	PHYSPROP	7.8E-09	1.9E-10	PHYSPROP	9.4E-08	PHYSPROP	1.9E+02	PHYSPROP	8.4E-01	CR89	5.2E-02	6.0E-06	EPA WATER	2.2E+03	EPI	3.1E+00	PHYSPROP	5.5E+00	PHYSPROP	7.2E-02	1.9E+00	4.5E+00	1.2E-02	RAGSE	2.2E-02	1.9E+00	4.5E+00	1.2E-02	RAGSE					
Acrolein	107-02-8	5.6E+01	PHYSPROP	2.0E-03	1.2E-04	PHYSPROP	2.7E+02	PHYSPROP	-8.8E+01	PHYSPROP	8.4E-01	CR89	1.1E-01	1.2E-05	EPA WATER	1.0E+00	EPI	1.0E-02	PHYSPROP	2.1E+05	PHYSPROP	1.5E-03	2.2E-01	5.3E-01	5.1E-04	EPI	1.3E-03	1.9E-01	4.5E-01	5.3E-04	EPI					
Acrylamide	79-06-1	7.1E+01	PHYSPROP	7.0E-08	1.7E-09	EPI	7.0E-03	PHYSPROP	8.5E+01	PHYSPROP	1.2E+00	LANGE	1.1E-01	1.3E-05	EPA WATER	5.7E+00	EPI	6.7E-01	PHYSPROP	3.9E+05	PHYSPROP	7.3E-04	2.6E-01	6.3E-01	2.2E-04	EPI	1.4E-03	1.9E-01	4.5E-01	5.3E-04	EPI					
Acrylic Acid	79-10-7	7.2E+01	PHYSPROP	1.5E-05	3.7E-07	EPI	4.0E+00	PHYSPROP	1.3E+01	PHYSPROP	1.1E+00	CR89	1.0E-01	1.2E-05	EPA WATER	1.4E+00	EPI	3.5E-01	PHYSPROP	1.0E+06	PHYSPROP	3.4E-03	2.7E-01	6.4E-01	1.1E-03	EPI	1.4E-03	1.9E-01	4.5E-01	5.3E-04	EPI					
Acrylonitrile	107-13-1	5.3E+01	PHYSPROP	5.6E-03	1.4E-04	PHYSPROP	1.1E+02	PHYSPROP	-8.4E+01	PHYSPROP	8.0E-01	CR89	1.1E-01	1.2E-05	EPA WATER	8.5E+00	EPI	2.5E-01	PHYSPROP	7.5E+04	PHYSPROP	3.3E-03	2.1E-01	5.0E-01	1.2E-03	EPI	1.4E-03	1.9E-01	4.5E-01	5.3E-04	EPI					
Adiponitrile	111-69-3	1.1E+02	PHYSPROP	4.9E-08	1.2E-09	EPI	6.8E-04	PHYSPROP	1.0E+00	PHYSPROP	9.7E-01	CR89	3.2E-02	9.0E-06	EPA WATER	2.0E+01	EPI	-3.2E-01	PHYSPROP	8.0E+04	PHYSPROP	9.3E-04	4.2E-01	1.0E+00	2.4E-03	EPI	1.4E-03	1.9E-01	4.5E-01	5.3E-04	EPI					
Alchlor	15972-60-8	2.7E+02	PHYSPROP	3.4E-07	8.3E-09	PHYSPROP	2.2E-05	PHYSPROP	4.0E+01	PHYSPROP	1.1E+00	CR89	2.3E-02	5.7E-06	EPA WATER	3.1E+02	EPI	3.5E+00	PHYSPROP	2.4E+02	PHYSPROP	6.6E-02	3.4E+00	8.2E+00	1.1E-02	EPI	1.1E-02	1.5E+00	3.7E+00	3.7E-03	EPI					
Aldcarb	7429-90-5	1.9E+02	PHYSPROP	5.9E-08	1.4E-09	EPI	3.5E-05	PHYSPROP	9.9E+01	PHYSPROP	1.2E+00	CR89	3.2E-02	7.2E-06	EPA WATER	2.5E+01	EPI	1.1E+00	PHYSPROP	6.0E+03	PHYSPROP	4.0E-03	1.2E+00	2.9E+00	7.6E-04	EPI	1.1E-02	1.5E+00	3.7E+00	3.7E-03	EPI					
Aldcarb Sulfone	1646-88-4	2.2E+02	PHYSPROP	1.4E-07	3.4E-09	EPI	9.0E-05	PHYSPROP	1.4E+02	PHYSPROP	1.6E+00	PubChem	5.2E-02	6.1E-06	EPA WATER	1.0E+01	EPI	-5.7E-01	PHYSPROP	1.0E+04	PHYSPROP	2.1E-04	1.8E+00	4.4E+00	3.7E-05	EPI	1.8E-04	1.5E+00	3.7E+00	3.7E-03	EPI					
Aldcarb sulfonide	1646-87-3	2.1E+02	PHYSPROP	4.0E-08	9.7E-10	EPI	1.0E-04	PHYSPROP	7.8E+01	EPI	1.6E+00	PubChem	5.4E-02	6.4E-06	EPA WATER	1.0E+01	EPI	-7.8E-01	PHYSPROP	2.8E+04	PHYSPROP	1.8E-04	1.5E+00	3.7E+00	3.7E-03	EPI	1.8E-04	1.5E+00	3.7E+00	3.7E-03	EPI					
Aldrin	309-00-2	3.6E+02	PHYSPROP	1.8E-03	4.4E-05	PHYSPROP	1.2E-04	PHYSPROP	1.0E+02	PHYSPROP	1.6E+00	PubChem	2.3E-02	5.8E-06	EPA WATER	8.2E+04	EPI	6.5E+00	PHYSPROP	1.7E+02	PHYSPROP	2.2E+00	1.2E+01	4.8E+01	2.9E-01	EPI	2.2E+00	1.2E+01	4.8E+01	2.9E-01	EPI					
Allyl Alcohol	107-18-6	5.8E+01	PHYSPROP	2.0E-04	5.0E-06	PHYSPROP	2.6E+01	PHYSPROP	-1.3E+02	PHYSPROP	8.5E-01	CR89	1.1E-01	1.2E-05	EPA WATER	1.9E+00	EPI	1.7E-01	PHYSPROP	1.0E+06	PHYSPROP	3.8E-02	2.2E-01	5.3E-01	9.6E-04	EPI	1.3E-03	1.9E-01	4.5E-01	5.3E-04	EPI					
Allyl Chloride	107-05-1	7.7E+01	PHYSPROP	4.5E-01	1.1E-02	EPI	3.7E+02	PHYSPROP	-1.3E+02	PHYSPROP	9.4E-01	CR89	9.4E-02	1.1E-05	EPA WATER	4.0E+01	EPI	1.9E+00	PHYSPROP	3.4E+03	PHYSPROP	3.8E-02	2.8E-01	6.8E-01	1.1E-02	EPI	1.3E-03	1.9E-01	4.5E-01	5.3E-04	EPI					
Aluminum	7429-90-5	27.0	CR89	0.0E+00	0.0E+00	NIOSH	0.0E+00	NIOSH	6.6E+02	CR89	2.7E+00	CR89	1.5E+03	BAES																						
Aluminum Phosphide	20859-73-8	5.8E+01	PHYSPROP	2.7E-01	6.6E-02	CR89	2.6E+03	CR89	2.4E+00	CR89	2.4E+00	CR89	5.1E-02	6.0E-06	EPA WATER	4.3E+02	EPI	3.0E+00	PHYSPROP	2.1E+02	PHYSPROP	4.6E-02	2.0E+00	4.7E+00	7.9E-03	EPI	4.6E-02	2.0E+00	4.7E+00	7.9E-03	EPI					
Ametryn	834-12-8	2.3E+02	PHYSPROP	9.9E-08	2.4E-09	EPI	2.7E-06	PHYSPROP	8.8E+01	PHYSPROP	1.2E+00	CR89	6.2E-02	7.3E-06	EPA WATER	2.5E+03	EPI	3.0E+00	PHYSPROP	2.1E+02	PHYSPROP	7.0E-02	3.3E-01	1.1E+00	1.0E-03	RAGSE	4.6E-02	2.0E+00	4.7E+00	7.9E-03	EPI					
Aminobiphenyl, 4	92-67-1	1.7E+02	PHYSPROP	6.0E-06	1.5E-07	PHYSPROP	1.2E-04	PHYSPROP	5.4E+01	PHYSPROP	1.2E+00	CR89	6.2E-02	7.3E-06	EPA WATER	2.5E+03	EPI	3.0E+00	PHYSPROP	2.1E+02	PHYSPROP	7.0E-02	3.3E-01	1.1E+00	1.0E-03	RAGSE	4.6E-02	2.0E+00	4.7E+00	7.9E-03	EPI					
Aminophenol, m	591-27-5	1.1E+02	PHYSPROP	8.1E-09	2.0E-10	PHYSPROP	9.6E-03	PHYSPROP	1.2E+02	PHYSPROP	1.2E+00	CR89	8.3E-02	9.7E-06	EPA WATER	9.0E+01	EPI	2.1E-01	PHYSPROP	2.7E+04	PHYSPROP	2.1E-03	4.3E-01	1.0E+00	5.3E-04	EPI	1.6E-03	4.3E-01	1.0E+00	5.3E-04	EPI					
Aminophenol, p	123-30-8	1.1E+02	PHYSPROP	1.5E-08	3.6E-10	EPI	4.0E-05	EPI	1.9E+02	PHYSPROP	1.2E+00	CR89	8.3E-02	9.7E-06	EPA WATER	9.0E+01	EPI	4.0E-02	PHYSPROP	1.6E+04	PHYSPROP	1.6E-03	4.3E-01	1.0E+00	5.3E-04	EPI	1.6E-03	4.3E-01	1.0E+00	5.3E-04	EPI					
Amtraz	33089-61-1	2.9E+02	PHYSPROP	4.0E-04	9.9E-06	PHYSPROP	2.0E-06	PHYSPROP	8.6E+01	PHYSPROP	1.1E+00	CR89	2.2E-02	5.4E-06	EPA WATER	2.6E+05	EPI	5.5E+00	PHYSPROP	1.0E+00	PHYSPROP	1.1E+00	4.6E+00	3.8E+01	1.6E-01	EPI	1.1E+00	4.6E+00	3.8E+01	1.6E-01	EPI					
Ammonia	7664-41-7	1.7E+01	PHYSPROP	6.6E-04	1.6E-05	PHYSPROP	7.5E+03	PHYSPROP	-7.8E+01	PHYSPROP	7.0E-01	CR89	2.3E-01	2.2E-05	EPA WATER	2.3E-01	OTHER	4.8E+05	PHYSPROP	1.6E+00	PHYSPROP	1.1E-03	1.3E-01	1.1E+01	1.0E-03	RAGSE	4.1E-03	3.5E-01	8.4E-01	1.9E-03	EPI					
Ammonium Sulfamate	7773-06-0	1.1E+02	CR89	0.0E+00	0.0E+00	NIOSH	1.3E+02	CR89	1.8E+00	PubChem	1.8E+00	PubChem	7.9E-02	9.1E-06	EPA WATER	4.1E+00	EPI	8.9E-01	PHYSPROP	1.3E+06	PERRY	4.1E-03	4.6E-01	1.1E+00	1.0E-03	RAGSE	4.1E-03	4.6E-01	1.1E+00	1.0E-03	RAGSE					
Amyl Alcohol, tert-	75-85-4	8.8E+01	PHYSPROP	5.6E-04	1.4E-05	PHYSPROP	1.7E+01	PHYSPROP	-9.1E+00	PHYSPROP	8.1E-01	CR89	7.9E-02	9.1E-06	EPA WATER	4.1E+00	EPI	8.9E-01	PHYSPROP	1.1E+05	PHYSPROP	1.1E-03	3.3E-01	7.9E-01	2.0E-03	EPI	1.1E-03	3.3E-01	7.9E-01	2.0E-03	EPI					
Aniline	62-53-3	9.3E+01	PHYSPROP	8.3E-05	2.0E-06	PHYSPROP	6.7E-01	PHYSPROP	-6.0E+00	PHYSPROP	1.0E+00	CR89	8.3E-02	1.0E-05	EPA WATER	7.0E+01	EPI	9.0E-01	PHYSPROP	3.6E+04	PHYSPROP	6.9E-03	3.5E-01	8.4E-01	1.9E-03	EPI	1.1E-03	1.5E+00	3.7E+00	3.7E-03						

Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table November 2015

Contaminant		Molecular Weight		Volatility Parameters				Melting Point		Density		Diffusivity in Air and Water				Soil Partition Coefficients				Water Partition		Water Solubility		Tapwater Dermal Parameters											
Analyte	CAS No.	MW	MW Ref	H ¹ (unitless)	HLC (atm-m ³ /mole)	H ¹ and HLC Ref	VP	VP Ref	MP	MP Ref	Density (g/cm ³)	Density Ref	D ₁₀ (cm ² /s)	D ₁₀₀ (cm ² /s)	D ₁₀₀₀ (cm ² /s)	D ₁₀₀₀ and D ₁₀₀₀ Ref	K _{oc} (L/kg)	K _{oc} Ref	K _{oc} (L/kg)	K _{oc} Ref	log K _{ow} (unitless)	log K _{ow} Ref	S (mg/L)	S Ref	B (unitless)	T _{1/2} (hr)	t ⁺ (hr)	K _p (hr)	K _p Ref	KPREF					
Butylate	2008-41-5	2.2E+02	PHYSPROP	3.5E-03	8.5E-05	EPI	1.3E-02	PHYSPROP	6.0E+01	EPI	9.4E-01	CRCB9	2.3E-02	5.8E-06	EPA WATER9		3.9E+02	EPI	4.2E+00	PHYSPROP	4.5E+01	PHYSPROP	4.5E+01	PHYSPROP	3.1E-01	1.7E+00	4.2E+00	5.4E-02	EPI						
Butylated hydroxyanisole	25013-16-5	3.6E+02	PHYSPROP	4.8E-05	1.2E-06	PHYSPROP	2.5E-03	PHYSPROP	5.1E+01	PHYSPROP	2.5E-03	PHYSPROP	3.8E-02	4.4E-06	EPA WATER9		8.4E+02	EPI	3.5E+00	PHYSPROP	2.1E+02	PHYSPROP	2.1E+02	PHYSPROP	4.1E-01	1.1E+01	2.6E+01	3.3E-02	EPI						
Butylated hydroxytoluene	128-37-0	2.2E+02	PHYSPROP	1.7E-04	4.1E-06	PHYSPROP	5.2E-03	EPI	7.1E+01	PHYSPROP	8.9E-01	CRCB9	2.3E-02	5.6E-06	EPA WATER9		1.5E+04	EPI	5.1E+00	PHYSPROP	6.0E-01	PHYSPROP	6.0E-01	PHYSPROP	1.3E+00	1.8E+00	7.1E+00	2.2E-01	EPI						
Butylbenzene, n-	104-51-8	1.3E+02	PHYSPROP	6.5E-01	1.6E-02	EPI	1.1E+00	PHYSPROP	-8.8E+01	PHYSPROP	8.6E-01	CRCB9	5.3E-02	7.3E-06	EPA WATER9		1.5E+03	EPI	4.4E+00	PHYSPROP	1.2E+01	PHYSPROP	1.2E+01	PHYSPROP	1.0E+00	5.9E-01	2.3E+00	2.3E-01	EPI						
Butylbenzene, sec-	135-98-8	1.3E+02	PHYSPROP	7.2E-01	1.8E-02	EPI	1.8E+00	PHYSPROP	-8.3E+01	PHYSPROP	8.6E-01	LANGE	5.3E-02	7.3E-06	EPA WATER9		1.3E+03	EPI	4.6E+00	PHYSPROP	1.8E+01	PHYSPROP	1.8E+01	PHYSPROP	1.6E+00	5.9E-01	2.3E+00	3.0E-01	EPI						
Butylbenzene, tert-	98-06-6	1.3E+02	PHYSPROP	5.4E-01	1.3E-02	EPI	2.2E+00	PHYSPROP	-5.8E+01	PHYSPROP	8.7E-01	CRCB9	5.3E-02	7.4E-06	EPA WATER9		1.0E+03	EPI	4.1E+00	PHYSPROP	3.0E+01	PHYSPROP	3.0E+01	PHYSPROP	1.3E+00	5.9E-01	2.3E+00	1.5E-01	EPI						
Carboxylic Acid	75-50-5	1.4E+02	PHYSPROP	7.4E-13	1.8E-14	PHYSPROP	1.0E-07	PHYSPROP	2.0E+02	PHYSPROP	1.0E+00	CRCB9	7.1E-02	8.3E-06	EPA WATER9		4.4E+01	EPI	3.6E-01	PHYSPROP	2.0E+06	PHYSPROP	2.0E+06	PHYSPROP	2.1E-03	6.2E-01	1.5E+00	4.6E-04	EPI						
Cadmium (Diet)	7440-43-9	1.1E+02	PHYSPROP	0.0E+00		NIOSH	0.0E+00	NIOSH	3.2E+02	PHYSPROP	8.7E+00	CRCB9					7.5E+01	SSL							4.1E-03	4.5E-01	1.1E+00	1.0E-03	RAGSE						
Cadmium (Water)	7440-43-9	1.1E+02	PHYSPROP	0.0E+00		NIOSH	0.0E+00	NIOSH	3.2E+02	PHYSPROP	8.7E+00	CRCB9					7.5E+01	SSL							4.1E-03	4.5E-01	1.1E+00	1.0E-03	RAGSE						
Calcium Chromate	13765-19-0	1.6E+02	CRCB9						1.0E+03	CRCB9															4.8E-03	7.9E-01	1.9E+00	1.0E-03	RAGSE						
Caprolactam	105-60-2	1.1E+02	PHYSPROP	1.6E-03	2.5E-08	PHYSPROP	1.6E-03	EPI	6.9E+01	PHYSPROP	1.0E+00	LANGE	6.9E-02	9.0E-06	EPA WATER9		2.5E+01	EPI	1.9E-01	YAWS	7.7E+05	PHYSPROP	7.7E+05	PHYSPROP	4.1E-03	4.5E-01	1.1E+00	1.0E-03	RAGSE						
Captafol	2425-06-1	3.5E+02	PHYSPROP	2.0E-07	4.9E-09	EPI	1.5E-08	EPI	1.6E+02	PHYSPROP							7.8E+02	EPI	3.8E+00	PHYSPROP	1.4E+00	PHYSPROP	1.4E+00	PHYSPROP	1.1E-02	9.5E+00	2.3E+01	5.8E-03	EPI						
Captan	133-06-2	3.0E+02	PHYSPROP	2.9E-07	7.0E-09	EPI	9.0E-08	PHYSPROP	1.8E+02	PHYSPROP	1.7E+00	CRCB9	2.6E-02	6.9E-06	EPA WATER9		2.5E+02	EPI	2.8E+00	PHYSPROP	5.1E+00	PHYSPROP	5.1E+00	PHYSPROP	1.6E-02	5.1E+00	1.2E+01	2.3E-03	EPI						
Carbaryl	63-25-2	2.0E+02	PHYSPROP	1.3E-07	3.3E-09	EPI	1.4E-06	PHYSPROP	1.5E+02	PHYSPROP	1.2E+00	CRCB9	2.7E-02	7.1E-06	EPA WATER9		3.5E+02	EPI	2.4E+00	PHYSPROP	1.1E+02	PHYSPROP	1.1E+02	PHYSPROP	2.4E-02	1.4E+00	3.4E+00	4.3E-03	EPI						
Carbofuran	1563-66-2	2.2E+02	PHYSPROP	1.3E-07	3.1E-09	EPI	4.9E-06	PHYSPROP	1.5E+02	PHYSPROP	1.2E+00	CRCB9	2.6E-02	6.6E-06	EPA WATER9		9.5E+01	EPI	2.3E+00	PHYSPROP	3.2E+02	PHYSPROP	3.2E+02	PHYSPROP	1.8E-02	1.8E+00	4.4E+00	3.1E-03	EPI						
Carbon Disulfide	75-15-0	7.6E+01	PHYSPROP	5.9E-01	1.4E-02	PHYSPROP	3.6E+02	PHYSPROP	-1.1E+02	PHYSPROP	1.3E+00	CRCB9	1.1E-01	1.3E-05	EPA WATER9		2.2E+01	EPI	1.9E+00	PHYSPROP	2.2E+03	PHYSPROP	2.2E+03	PHYSPROP	3.8E-02	2.8E-01	6.7E-01	1.1E-02	EPI						
Carbon Tetrachloride	56-23-5	1.5E+02	PHYSPROP	1.1E+00	2.8E-02	PHYSPROP	1.2E+00	PHYSPROP	-2.3E+01	PHYSPROP	1.6E+00	CRCB9	5.7E-02	3.8E-06	EPA WATER9		4.4E+01	EPI	2.8E+00	PHYSPROP	7.9E+02	PHYSPROP	7.9E+02	PHYSPROP	3.8E-02	7.6E-01	1.8E+00	1.6E-02	EPI						
Carbonyl Sulfide	463-58-1	6.0E+01	PHYSPROP	2.5E-01	6.1E-01	EPI	9.4E-03	PHYSPROP	-1.4E+02	PHYSPROP	1.0E+00	CRCB9	1.2E-01	1.3E-05	EPA WATER9		1.0E+00	EPI	1.3E+00	PHYSPROP	1.2E+03	PHYSPROP	1.2E+03	PHYSPROP	2.8E-04	2.3E-01	5.5E-01	9.4E-05	EPI						
Carbosulfan	55285-14-8	3.8E+02	PHYSPROP	2.1E-05	5.1E-07	EPI	3.1E-07	PHYSPROP	1.8E+02	EPI	1.1E+00	CRCB9	1.8E-02	4.4E-06	EPA WATER9		1.2E+04	EPI	5.6E+00	PHYSPROP	3.0E-01	PHYSPROP	3.0E-01	PHYSPROP	4.8E-01	1.4E+01	3.4E+01	5.8E-02	EPI						
Carboxin	5234-68-4	2.4E+02	PHYSPROP	1.3E-08	3.2E-10	EPI	1.5E-07	PHYSPROP	9.2E+03	PHYSPROP							5.0E-02	5.8E-06	EPA WATER9		1.7E+02	PHYSPROP	1.5E+02	PHYSPROP	1.5E-02	2.2E+00	5.2E+00	2.0E-03	EPI						
Cerlic Oxide	1306-39-3	1.7E+02	CRCB9						2.5E+03	CRCB9	7.2E+00	CRCB9													5.0E-03	9.7E-01	2.3E+00	1.0E-03	RAGSE						
Chloral Hydrate	302-17-0	1.7E+02	PHYSPROP	2.3E-07	5.7E-09	PHYSPROP	1.5E+01	PHYSPROP	6.7E+01	PHYSPROP	1.9E+00	CRCB9	5.4E-02	1.0E-05	EPA WATER9		1.0E+00	EPI	9.9E-01	PHYSPROP	7.9E+05	PHYSPROP	7.9E+05	PHYSPROP	4.2E-03	8.9E-01	2.1E+00	8.4E-04	EPI						
Chloramben	133-90-4	2.1E+02	PHYSPROP	1.6E-09	3.9E-11	EPI	1.0E-07	PHYSPROP	2.0E+02	PHYSPROP							5.4E-02	6.4E-06	EPA WATER9		2.1E+01	EPI	1.9E+00	PHYSPROP	7.0E+02	PHYSPROP	1.1E-02	1.5E+00	3.6E+00	2.0E-03	EPI				
Chloranil	118-75-2	2.5E+02	PHYSPROP	1.3E-08	3.3E-10	PHYSPROP	2.3E-06	PHYSPROP	2.9E+02	PHYSPROP							4.8E-02	5.7E-06	EPA WATER9		3.1E+02	EPI	2.2E+00	PHYSPROP	2.5E+02	PHYSPROP	1.2E-02	2.5E+00	6.0E+00	1.9E-03	EPI				
Chlordane	12289-03-6	4.1E+02	PHYSPROP	2.9E-03	7.0E-05	PHYSPROP	1.0E-05	PHYSPROP	4.1E+02	PHYSPROP	1.6E+00	PubChem	2.1E-02	5.4E-06	EPA WATER9		3.4E+04	EPI	6.3E+00	PHYSPROP	1.3E+02	PHYSPROP	1.3E+02	PHYSPROP	8.3E-01	2.1E+01	8.0E+01	1.1E-01	EPI						
Chlordecone (Kepone)	143-50-0	4.9E+02	PHYSPROP	2.2E-06	5.4E-08	EPI	2.3E-07	PHYSPROP	3.5E+02	EPI	1.6E+00	CRCB9	2.0E-02	4.9E-06	EPA WATER9		1.8E+04	EPI	5.4E+00	PHYSPROP	2.7E+00	PHYSPROP	2.7E+00	PHYSPROP	3.9E-02	5.9E+01	1.4E+02	1.1E-02	EPI						
Chlorofeniphos	470-90-4	3.6E+02	PHYSPROP	1.2E-06	2.9E-08	EPI	7.5E-06	PHYSPROP	-2.0E+01	PHYSPROP							3.8E-02	4.4E-06	EPA WATER9		1.3E+03	EPI	3.8E+00	PHYSPROP	1.2E+02	PHYSPROP	3.7E-02	1.1E+01	2.6E+01	5.1E-03	EPI				
Chlorimuron, Ethyl-	90982-32-4	4.1E+02	PHYSPROP	7.4E-14	1.8E-15	EPI	4.0E-12	PHYSPROP	1.8E+02	PHYSPROP							3.4E-02	4.0E-06	EPA WATER9		7.2E+01	EPI	2.5E+00	PHYSPROP	1.2E+03	PHYSPROP	2.6E-03	2.2E+01	4.4E+01	3.4E-04	EPI				
Chlorine	7782-50-5	7.1E+01	EPI	4.8E-01	1.2E-02	PHYSPROP	5.9E+03	PHYSPROP	-1.0E+02	PHYSPROP	2.9E+00	CRCB9	1.5E-01	2.2E-05	EPA WATER9	2.5E-01	BAES					8.5E-01	OTHER	6.3E+03	PHYSPROP	3.2E-03	2.6E-01	6.3E-01	1.0E-03	RAGSE					
Chlorine Dioxide	10049-04-4	6.7E+01	EPI	1.6E+00	4.0E-02	Toxnet HSDB	7.6E+02	Toxnet HSDB	-5.9E+01	CRCB9	2.8E+00	CRCB9	1.6E-01	2.2E-05	EPA WATER9										3.2E-03	2.5E-01	6.0E-01	1.0E-03	RAGSE						
Chlorite (Sodium Salt)	7758-19-2	9.0E+01	EPI	1.6E+00	4.0E-02	Toxnet HSDB	7.6E+02	Toxnet HSDB	-5.9E+01	CRCB9	2.8E+00	CRCB9	1.6E-01	2.2E-05	EPA WATER9										3.2E-03	2.5E-01	6.0E-01	1.0E-03	RAGSE						
Chloro-1,1-difluoroethane, 1-	75-68-3	1.0E+02	PHYSPROP	2.4E+00	5.9E-02	PHYSPROP	2.5E+03	PHYSPROP	-1.3E+02	PHYSPROP	1.1E+00	CRCB9	8.0E-02	1.0E-05	EPA WATER9		4.4E+01	EPI	2.1E+00	PHYSPROP	1.4E+03	PHYSPROP	1.4E+03	PHYSPROP	3.8E-02	3.8E-01	9.2E-01	9.9E-03	EPI						
Chloro-1,3-butadiene, 2-	126-99-8	8.9E+01	PHYSPROP	2.3E+00	5.6E-02	PHYSPROP	2.2E+02	PHYSPROP	-1.3E+02	PHYSPROP	9.6E-01	CRCB9	8.4E-02	1.0E-05	EPA WATER9		6.1E+01	EPI	2.5E+00	PHYSPROP	8.7E+02	PHYSPROP	8.7E+02	PHYSPROP	8.6E-02	3.3E-01	7.9E-01	2.4E-02	EPI						
Chloro-2-methylaniline HCl, 4-	3165-93-3	1.8E+02	PHYSPROP	6.4E-05	1.6E-06	PHYSPROP	4.1E-02	PHYSPROP	1.6E+02	EPI							3.5E+02	EPI	2.3E+00	PHYSPROP	9.5E+02	PHYSPROP	9.5E+02	PHYSPROP	3.7E-03	3.4E-01	8.1E-01	1.0E-03	RAGSE						
Chloro-2-methylaniline, 4-	95-69-2	1.4E+02	PHYS																																

Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table November 2015

Contaminant		Molecular Weight		Volatility Parameters			Melting Point		Density		Diffusivity in Air and Water			Soil Partition Coefficients				Water Partition		Water Solubility		Tapwater Default Parameters												
Analyte	CAS No.	MW	MW Ref	H' (unitless)	HLC (atm-m ³ /mole)	H' and HLC Ref	VP	VP Ref	MP	MP Ref	Density (g/cm ³)	Density Ref	D ₁₀ (cm ² /s)	D ₁₀ Ref	D ₁₀ and D ₁₀ Ref	K _{oc} (L/kg)	K _{oc} Ref	K _{oc} (L/kg)	K _{oc} Ref	log K _{ow} (unitless)	log K _{ow} Ref	S (mg/L)	S Ref	B (unitless)	T ₁₀ (hr/vent)	T ⁺ (hr)	K _p	K _p Ref	KPREF					
*Hydrogen Cyanide	74-90-8	2.7E+01	PHYSPROP	5.4E-03	1.3E-04	PHYSPROP	7.4E+02	PHYSPROP	-1.3E+01	PHYSPROP	6.9E-01	CRCB9	1.7E-01	1.7E-05	EPA WATER9	9.9E+00	SSL				-2.5E-01	PHYSPROP	7.0E+06	PHYSPROP	2.0E-03	1.5E-01	3.6E-01	1.0E-03	RAGSE					
*Potassium Cyanide	151-50-8	6.5E+01	PHYSPROP				0.0E+00	NIOSH	6.3E+02	PHYSPROP	1.6E+00	CRCB9											1.0E+06	PHYSPROP	6.2E-03	2.4E-01	5.8E-01	2.0E-03	RAGSE					
*Potassium Silver Cyanide	506-61-6	2.0E+02	PHYSPROP																															
*Silver Cyanide	506-64-9	1.3E+02	PHYSPROP																				2.3E+01	PHYSPROP	1.1E-02	1.4E+00	3.3E+00	2.0E-03	RAGSE					
*Sodium Cyanide	1433-33-9	4.9E+01	PHYSPROP				0.0E+00	NIOSH	5.6E+02	PHYSPROP	1.6E+00	CRCB9											5.8E+05	CRCB9	4.5E-03	5.9E-01	1.4E+00	1.0E-03	RAGSE					
*Thiocyanates	NA																																	
*Thiocyanic Acid	463-56-9	5.9E+01	PHYSPROP				4.7E+00	PPRTV	5.0E+00	PPRTV	1.1E+00	PPRTV	1.2E-01	1.4E-05	EPA WATER9							5.8E-01	OTHER	3.0E-03	2.3E-01	5.4E-01	1.0E-03	RAGSE						
*Zinc Cyanide	557-21-1	1.2E+02	PHYSPROP																				4.7E+00	CRCB9	2.5E-03	4.8E-01	1.1E+00	6.0E-04	RAGSE					
Cyclohexane	110-82-7	8.4E+01	PHYSPROP	6.1E+00	1.5E-01	PHYSPROP	9.7E+01	PHYSPROP	6.6E+00	PHYSPROP	7.7E-01	CRCB9	8.0E-02	9.1E-06	EPA WATER9		1.5E+02	EPI	3.4E+00	PHYSPROP	5.5E-01	PHYSPROP	3.6E+01	3.1E-01	7.5E-01	1.0E-01	EPI							
Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	5.1E+02	PHYSPROP	3.9E-05	9.6E-07	PHYSPROP	3.5E-06	PHYSPROP	2.0E+02	CRCB9	3.0E-02	CRCB9	3.0E-02	3.5E-06	EPA WATER9		2.8E+03	EPI	4.7E+00	PHYSPROP	5.5E-02	PHYSPROP	2.5E-02	7.9E+01	1.9E+01	2.8E-03	EPI							
Cyclohexanone	108-94-1	9.8E+01	PHYSPROP	3.7E-04	9.0E-06	PHYSPROP	4.3E+00	PHYSPROP	-3.1E+01	PHYSPROP	9.5E-01	CRCB9	7.7E-02	9.4E-06	EPA WATER9		1.7E+01	EPI	8.1E-01	PHYSPROP	2.5E-04	PHYSPROP	5.8E-02	3.7E-01	8.9E-01	1.5E-03	EPI							
Cyclohexene	110-83-8	8.2E+01	PHYSPROP	1.9E+00	4.6E-02	PHYSPROP	8.9E+01	PHYSPROP	-1.0E+02	PHYSPROP	8.1E-01	NIOSH	8.3E-02	9.5E-06	EPA WATER9		1.5E+02	EPI	2.9E+00	PHYSPROP	2.1E+02	PHYSPROP	1.5E-01	3.0E-01	7.3E-01	4.3E-02	EPI							
Cyclohexylamine	108-91-8	9.9E+01	PHYSPROP	1.7E-04	4.2E-06	PHYSPROP	1.0E+01	PHYSPROP	-1.8E+01	PHYSPROP	8.2E-01	CRCB9	7.1E-02	8.5E-06	EPA WATER9		1.5E+00	EPI	3.2E+01	PHYSPROP	1.0E+06	PHYSPROP	1.6E-02	3.8E-01	9.1E-01	4.3E-03	EPI							
Cyfluthrin	68359-37-5	4.3E+02	PHYSPROP	1.2E-06	2.9E-08	EPI	1.5E-10	EPI	6.0E+01	EPI	1.3E+00	CRCB9	3.3E-02	3.9E-06	EPA WATER9		1.3E+05	EPI	6.0E+00	PHYSPROP	3.0E-03	PHYSPROP	4.1E-01	2.8E+01	6.8E+01	5.2E-02	EPI							
Cyhalothrin	68085-88-5	4.5E+02	PHYSPROP	6.1E-05	1.5E-06	EPI	1.5E-09	EPI	4.9E+01	EPI	3.4E+05	EPI	3.2E-02	3.8E-06	EPA WATER9		3.4E+05	EPI	6.9E+00	PHYSPROP	5.0E-03	PHYSPROP	1.7E+00	3.5E+01	1.4E+02	2.1E-01	EPI							
Cypermethrin	52315-07-8	4.2E+02	PHYSPROP	1.7E-05	4.2E-07	EPI	3.1E-09	PHYSPROP	8.1E+01	PHYSPROP	1.3E+00	CRCB9	1.9E-02	4.7E-06	EPA WATER9		8.0E+04	EPI	6.6E+00	PHYSPROP	4.0E-03	PHYSPROP	6.0E-01	2.3E+01	9.1E+01	7.7E-02	EPI							
Cyromazine	6215-27-8	1.7E+02	PHYSPROP	2.3E-12	5.7E-14	EPI	3.4E-09	PHYSPROP	2.2E+02	PHYSPROP	1.4E+00	CRCB9	6.3E-02	7.3E-06	EPA WATER9		2.9E+01	EPI	6.1E-02	PHYSPROP	1.3E+04	PHYSPROP	4.0E-03	9.0E-01	1.2E+00	8.0E-04	EPI							
DDD	72-54-8	3.2E+02	PHYSPROP	2.7E-04	6.6E-06	PHYSPROP	1.4E-06	PHYSPROP	1.1E+02	PHYSPROP	1.4E+00	CRCB9	4.1E-02	4.7E-06	EPA WATER9		1.2E+05	EPI	6.0E+00	PHYSPROP	9.0E-02	PHYSPROP	1.7E+00	6.5E+00	2.6E+01	2.5E-01	EPI							
DDE, p,p'	72-55-9	3.2E+02	PHYSPROP	1.7E-03	4.2E-05	PHYSPROP	6.0E-06	EPI	8.9E+01	PHYSPROP	1.4E+00	LookChem	2.3E-02	5.9E-06	EPA WATER9		1.2E+05	EPI	6.5E+00	PHYSPROP	4.0E-02	PHYSPROP	3.7E+00	6.4E+00	2.7E+01	5.5E-01	EPI							
DDT	50-29-3	3.5E+02	PHYSPROP	3.4E-04	8.3E-06	PHYSPROP	1.6E-07	PHYSPROP	1.1E+02	PHYSPROP	1.4E+00	CRCB9	3.0E-02	3.4E-06	EPA WATER9		1.7E+05	EPI	6.9E+00	PHYSPROP	5.5E-03	PHYSPROP	4.5E+00	1.0E+01	4.4E+01	6.3E-01	EPI							
Dalapon	75-99-0	1.4E+02	PHYSPROP	2.3E-06	5.7E-08	EPI	1.5E-01	EPI	-5.0E+00	PHYSPROP	1.4E+00	CRCB9	6.8E-02	9.4E-06	EPA WATER9		3.2E+00	EPI	7.8E-01	PHYSPROP	5.0E+05	PHYSPROP	3.7E-03	6.6E-01	1.6E+00	8.2E-04	EPI							
Daminonide	1539-84-5	1.6E+02	PHYSPROP	1.7E-08	4.2E-10	EPI	2.0E-04	PHYSPROP	1.5E+02	PHYSPROP	3.0E+00	IRIS	1.9E-02	4.8E-06	EPA WATER9		1.0E+01	EPI	1.2E+01	PHYSPROP	1.0E-04	PHYSPROP	8.6E+00	8.6E+00	2.5E+04	1.1E+05	7.3E-01	EPI						
Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209)	1163-19-9	9.6E+02	PHYSPROP	4.9E-07	1.2E-08	PHYSPROP	8.7E-12	PHYSPROP	3.1E+02	PHYSPROP	3.0E+00	IRIS	1.9E-02	4.8E-06	EPA WATER9		1.0E+01	EPI	1.2E+01	PHYSPROP	1.0E-04	PHYSPROP	8.6E+00	8.6E+00	2.5E+04	1.1E+05	7.3E-01	EPI						
Demeton	8065-48-3	5.2E+02	PHYSPROP	1.6E-04	3.8E-06	PHYSPROP	3.4E-04	PHYSPROP	3.4E+00	PHYSPROP	1.1E+00	PubChem	1.6E-02	3.8E-06	EPA WATER9		3.2E+00	PHYSPROP	6.7E+02	PHYSPROP	3.2E+00	PHYSPROP	6.7E+02	6.7E+02	2.0E+02	7.6E-03	RAGSE							
Di(2-ethylhexyl)adipate	103-23-1	3.7E+02	PHYSPROP	1.8E-05	4.3E-07	PHYSPROP	8.5E-07	PHYSPROP	-6.8E+01	PHYSPROP	9.2E-01	CRCB9	1.7E-02	4.2E-06	EPA WATER9		3.6E+04	EPI	6.1E+00	PHYSPROP	7.8E-01	PHYSPROP	2.9E+01	1.3E+01	5.8E+01	3.2E+00	EPI							
Diallate	2303-16-4	2.7E+02	PHYSPROP	1.6E-04	3.8E-06	EPI	1.5E-04	PHYSPROP	2.5E+01	PHYSPROP	1.4E+00	CRCB9	4.5E-02	5.3E-06	EPA WATER9		6.4E+02	EPI	4.5E+00	PHYSPROP	1.4E+01	PHYSPROP	2.4E+01	3.4E+00	8.2E+00	4.6E-02	EPI							
Diazinon	333-41-5	3.0E+02	PHYSPROP	4.6E-06	1.1E-07	PHYSPROP	9.0E-05	PHYSPROP	8.8E+01	EPI	1.1E+00	CRCB9	2.1E-02	2.5E-06	EPA WATER9		3.0E+03	EPI	3.8E+00	PHYSPROP	4.0E+01	PHYSPROP	7.0E-02	5.3E+00	1.3E+01	1.0E-02	EPI							
Dibenzothioophene	132-65-0	1.8E+02	PHYSPROP	1.4E-03	3.4E-05	EPI	2.1E-04	EPI	9.7E-01	EPI	1.3E+00	ChemNet	3.6E-02	7.6E-06	EPA WATER9		9.2E+03	EPI	4.4E+00	PHYSPROP	1.5E+00	PHYSPROP	6.0E-01	1.1E+00	4.5E+00	1.2E-01	EPI							
Dibromo-3-chloropropene, 1,2-	96-12-8	2.4E+02	PHYSPROP	6.0E-03	1.5E-04	EPI	5.8E-01	PHYSPROP	6.0E+00	PHYSPROP	2.1E+00	CRCB9	3.2E-02	8.9E-06	EPA WATER9		1.2E+02	EPI	3.0E+00	PHYSPROP	1.2E+03	PHYSPROP	4.1E-01	2.2E+00	5.3E+00	6.9E-03	EPI							
Dibromobenzene, 1,3-	108-36-1	2.4E+02	PHYSPROP	5.1E-02	1.2E-03	EPI	2.7E-01	PHYSPROP	-7.0E+00	PHYSPROP	2.0E+00	CRCB9	3.1E-02	3.5E-06	EPA WATER9		3.8E+02	EPI	3.8E+00	PHYSPROP	6.8E+01	PHYSPROP	1.4E-01	2.2E+00	5.3E+00	2.3E-02	EPI							
Dibromobenzene, 1,4-	106-37-6	2.4E+02	PHYSPROP	3.7E-02	8.9E-04	EPI	5.8E-02	PHYSPROP	8.7E+01	PHYSPROP	2.3E+00	CRCB9	3.3E-02	9.3E-06	EPA WATER9		3.8E+02	EPI	3.8E+00	PHYSPROP	2.0E+01	PHYSPROP	1.4E-01	2.2E+00	5.3E+00	2.5E-02	EPI							
Dibromochloromethane	124-48-1	2.1E+02	PHYSPROP	3.2E-02	7.8E-04	PHYSPROP	5.5E+00	PHYSPROP	-2.0E+01	PHYSPROP	2.3E+00	CRCB9	3.7E-02	1.1E-05	EPA WATER9		3.2E+01	EPI	2.2E+00	PHYSPROP	2.7E+03	PHYSPROP	1.6E-02	1.5E+00	3.7E+00	2.9E-03	EPI							
Dibromomethane, 1,2-	106-93-4	1.9E+02	PHYSPROP	2.7E-02	6.5E-04	PHYSPROP	1.1E+01	PHYSPROP	9.9E+00	PHYSPROP	2.2E+00	CRCB9	4.3E-02	1.0E-05	EPA WATER9		4.0E+01	EPI	2.0E+00	PHYSPROP	3.9E+03	PHYSPROP	1.5E-02	1.2E+00	2.8E+00	2.8E-03	EPI							
Dibromomethane (Methylene Bromide)	74-95-3	1.7E+02	PHYSPROP	3.4E-02	8.2E-04	PHYSPROP	4.4E+01	PHYSPROP	-5.3E+01	PHYSPROP	2.5E+00	CRCB9	5.5E-02	1.2E-05	EPA WATER9		2.2E+01	EPI	1.7E+00	PHYSPROP	1.2E+04	PHYSPROP	1.1E-02	9.9E-01	2.4E+00	2.2E-03	EPI							
Dibutyltin Compounds	NA																																	
DiCamba	1918-00-9	2.2E+02	PHYSPROP	8.9E-08	2.2E-09	EPI	1.3E-05	PHYSPRO																										

Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table November 2015

Contaminant		Molecular Weight		Volatility Parameters				Melting Point		Density		Diffusivity in Air and Water			Soil Partition Coefficients				Water Partition		Water Solubility		Tapwater Dermal Parameters							
Analyte	CAS No.	MW	MW Ref	H' (unitless)	HLC (atm-m ³ /mole)	H' and HLC Ref	VP	VP Ref	MP	MP Ref	Density (g/cm ³)	Density Ref	Dia (cm ² /s)	Diw (cm ² /s)	D _a and D _w Ref	K _{oc} (L/kg)	K _{oc} Ref	K _{oc} (L/kg)	K _{oc} Ref	log K _{ow} (unitless)	log K _{ow} Ref	S (mg/L)	S Ref	B (unitless)	B (unitless)	t* (hr)	t* (hr)	K _p	K _p Ref	K _{PF}
Dimethylphenol, 2,6-Dimethylphenol, 3,4-Dimethylvinylchloride	576-26-1 95-65-8 513-37-1	1.2E+02 1.2E+02 9.1E+01	PHYSPROP PHYSPROP PHYSPROP	2.7E-04 1.7E-05 4.5E+00	6.7E-06 4.2E-07 1.1E-01	PHYSPROP PHYSPROP PHYSPROP	1.7E-01 3.6E-02 2.1E+02	EPI EPI PHYSPROP	4.6E+01 6.1E+01 -1.0E+02	PHYSPROP PHYSPROP EPI	9.8E-01 6.3E-02 9.2E-01	CRB9 EPA WATERS CRB9	7.7E-02 6.1E-02 8.1E-02	9.0E-06 8.4E-06 9.7E-06	EPA WATERS EPA WATERS EPA WATERS	5.0E+02 4.9E+02 6.1E+01	EPI EPI EPI	2.4E+00 2.2E+00 2.6E+00	PHYSPROP PHYSPROP PHYSPROP	6.1E+03 4.8E+03 1.0E+03	PHYSPROP PHYSPROP PHYSPROP	6.1E-02 4.8E-02 9.3E-02	PHYSPROP PHYSPROP PHYSPROP	5.1E-02 4.2E-02 1.7E-02	5.1E-01 5.1E-01 3.4E-01	1.2E+00 1.2E+00 8.1E-01	1.2E-02 9.8E-03 2.5E-02	EPI EPI EPI		
Dinitro-o-cresol, 4,6-Dinitro-o-cyclohexyl Phenol, 4,6-Dinitrobenzene, 1,2-Dinitrobenzene, 1,3-Dinitrobenzene, 1,4-Dinitrobenzene, 2,4-Dinitrophenol, 2,4,6-Dinitrotoluene Mixture, 2,4,6-Dinitrotoluene, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, 2-Amino-4,6-Dinitrotoluene, 4-Amino-2,6-Dinitrotoluene, Technical grade	534-52-1 131-89-5 528-29-0 99-85-0 100-25-4 51-28-5 NA 121-14-2 606-20-2 35572-72-0 19406-51-0 25321-14-6	2.0E+02 2.7E+02 1.7E+02 1.7E+02 1.7E+02 1.8E+02 1.8E+02 1.8E+02 1.8E+02 2.0E+02 2.0E+02 5.5E+02	PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP	5.7E-05 2.3E-06 2.2E-06 2.0E-06 3.4E-06 3.5E-06 3.1E-05 3.1E-05 3.1E-05 1.3E-09 1.3E-09 3.8E-06	1.4E-06 5.5E-08 4.3E-08 8.4E-08 6.6E-08 7.5E-07 7.5E-07 5.4E-08 7.5E-07 3.3E-11 3.3E-11 9.3E-11	PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP	1.2E-04 4.2E-08 6.6E-05 9.0E-04 3.6E-05 3.9E-04 6.6E-01 6.6E-01 6.6E-01 1.1E-05 1.1E-05 4.0E-04	PHYSPROP PHYSPROP EPI EPI PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP EPI	8.7E-05 1.1E+02 1.2E+02 3.0E+01 1.7E+02 1.7E+02 1.7E+02 1.7E+02 1.7E+02 1.7E+02 1.7E+02 6.0E+01	PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP EPI	1.3E+00 1.3E+00 1.3E+00 1.3E+00 1.3E+00 1.3E+00 1.3E+00 1.3E+00 1.3E+00 1.3E+00 1.3E+00 1.3E+00	CRB9 CRB9 CRB9 CRB9 CRB9 CRB9 CRB9 CRB9 CRB9 CRB9 CRB9 CRB9	4.6E-02 4.5E-02 4.9E-02 4.9E-02 4.1E-02 4.0E-02 5.9E-02 5.8E-02 3.7E-02 2.8E-02 2.8E-02 5.6E-02 2.8E-02 5.6E-02	6.5E-06 8.3E-06 8.3E-06 8.4E-06 9.4E-06 9.1E-06 6.9E-06 7.9E-06 7.8E-06 6.6E-06 6.6E-06 3.3E-06 6.6E-06 3.3E-06	EPA WATERS EPA WATERS EPA WATERS EPA WATERS EPA WATERS EPA WATERS EPA WATERS EPA WATERS EPA WATERS EPA WATERS EPA WATERS EPA WATERS EPA WATERS EPA WATERS EPA WATERS	5.0E+02 4.9E+02 6.1E+01 7.5E+02 1.7E+04 3.6E+02 5.9E+02 5.8E+02 3.7E+02 2.8E+02 2.8E+02 5.6E+02 2.8E+02 5.9E+02	EPI EPI EPI EPI EPI EPI EPI EPI EPI EPI EPI EPI EPI EPI EPI	2.4E+00 2.2E+00 2.6E+00 2.1E+00 2.1E+00 2.1E+00 2.1E+00 2.1E+00 2.1E+00 2.1E+00 2.1E+00 2.1E+00 2.1E+00 2.1E+00 2.1E+00	PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP	6.1E+03 4.8E+03 1.0E+03 2.0E+02 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01 1.5E+01	PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP	6.1E-02 4.8E-02 9.3E-02 9.3E-02 9.2E-01 9.2E-01 9.2E-01 9.2E-01 9.2E-01 9.2E-01 9.2E-01 9.2E-01 9.2E-01 9.2E-01 9.2E-01	PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP PHYSPROP	5.1E-02 4.2E-02 1.7E-02 5.1E-01 5.1E-01 3.4E-01 1.2E+00 1.2E+00 8.1E-01 1.2E+00 1.2E+00 3.2E+00 3.2E+00 3.2E+00	1.2E-02 9.8E-03 2.5E-02 8.1E-02 8.1E-02 2.2E+00 2.2E+00 2.2E+00 2.2E+00 2.2E+00 2.2E+00 2.2E+00 2.2E+00 2.2E+00 2.2E+00	EPI EPI EPI EPI EPI EPI EPI EPI EPI EPI EPI EPI EPI EPI EPI				

Contaminant		Molecular Weight		Volatility Parameters				Melting Point		Density		Diffusivity in Air and Water				Soil Partition Coefficients				Water Partition		Water Solubility		Tapwater Dermal Parameters									
Analyte	CAS No.	MW	MW Ref	H' (unitless)	HLC (atm-m ³ /mole)	H' and HLC Ref	VP	VP Ref	MP	MP Ref	Density (g/cm ³)	Density Ref	Dia (L/kg)	Diw (L/kg)	D ₁₀ and D ₁₆ Ref	K _{oc}	K _{oc} Ref	K _{oc}	K _{oc} Ref	log K _{ow} (unitless)	log K _{ow} Ref	S (mg/L)	S Ref	B (unitless)	B _T (hr)	t* (hr)	K _p	K _p Ref	KPREF				
Glyphosate	1071-83-6	17E+02	PHYSPROP	8.6E-11	2.1E-12	EPI	9.8E-08	PHYSPROP	1.9E+02	PHYSPROP	1.6E+00	GuideChem	6.2E-02	7.3E-06	EPA WATER9	2.1E+03	USDA ARS	3.4E+00	PHYSPROP	1.1E+04	PHYSPROP	1.1E+00	PHYSPROP	1.1E+00	1.3E+01	2.2E+00	4.5E-08	EPI					
Guadinine	113-00-8	5.9E+01	PHYSPROP	2.5E-10	2.3E-11	PHYSPROP	2.2E+00	PHYSPROP	5.0E+01	PHYSPROP	1.6E+00	GuideChem	1.4E-01	1.7E-05	EPA WATER9	1.2E+01	EPI	1.6E+00	PHYSPROP	1.8E+03	PHYSPROP	2.8E-04	PHYSPROP	2.8E-04	2.3E-01	5.4E-01	6.0E-05	EPI					
Guadinine Chloride	50-01-1	9.6E+01	PHYSPROP	8.9E-17	2.2E-18	PHYSPROP	1.8E-06	PHYSPROP	1.8E+02	PHYSPROP	1.4E+00	CR89	9.2E-02	1.2E-05	EPA WATER9			3.6E+00	PHYSPROP	1.0E+06	PHYSPROP	1.5E-07	PHYSPROP	1.5E-07	3.6E-01	8.7E-01	3.9E-08	EPI					
Haloxifop, Methyl	69806-40-2	3.8E+02	PHYSPROP	1.3E-05	3.2E-07	EPI	6.0E-06	PHYSPROP	1.6E+01	PHYSPROP	1.6E+00	CR89	3.6E-02	4.3E-06	EPA WATER9	5.5E+03	EPI	4.1E+00	PHYSPROP	9.3E+00	PHYSPROP	4.1E+00	PHYSPROP	4.1E+00	1.3E+01	3.2E+01	6.0E-03	EPI					
Hepachlor	76-44-8	3.7E+02	PHYSPROP	1.2E-02	2.9E-04	PHYSPROP	4.0E-04	PHYSPROP	9.6E+01	PHYSPROP	1.6E+00	CR89	2.2E-02	5.7E-06	EPA WATER9	4.1E+04	EPI	5.7E+00	PHYSPROP	1.8E-01	PHYSPROP	1.1E+00	PHYSPROP	1.1E+00	1.3E+01	5.0E+01	1.4E-01	EPI					
Hepachlor Epoxide	1024-57-3	3.9E+02	PHYSPROP	8.6E-04	2.1E-05	PHYSPROP	2.0E-05	PHYSPROP	1.6E+02	PHYSPROP	1.9E+00	LookChem	2.4E-02	6.2E-06	EPA WATER9	1.0E+04	EPI	5.0E+00	PHYSPROP	2.0E-01	PHYSPROP	1.6E+00	PHYSPROP	1.6E+00	1.6E+01	3.8E+01	2.1E-02	EPI					
Hexabromobenzene	87-82-1	5.5E+02	PHYSPROP	1.5E-02	2.8E-05	PHYSPROP	1.5E-08	PHYSPROP	3.3E+02	PHYSPROP	3.0E+00	LookChem	2.5E-02	6.6E-06	EPA WATER9	2.8E+03	EPI	6.1E+00	PHYSPROP	1.6E-04	PHYSPROP	1.2E+01	PHYSPROP	1.2E+01	1.3E+02	3.1E+02	1.4E-02	EPI					
Hexabromodiphenyl ether, 2,2',4,4',5,5'-(BDE-153)	68631-49-2	6.4E+02	OTHER				5.8E-06	IRIS																									
Hexachlorobenzene	118-74-1	2.8E+02	PHYSPROP	7.0E-02	1.7E-03	PHYSPROP	1.8E-05	PHYSPROP	2.3E+02	PHYSPROP	2.0E+00	CR89	2.9E-02	7.8E-06	EPA WATER9	6.2E+03	EPI	5.7E+00	PHYSPROP	6.2E-03	PHYSPROP	1.6E+00	PHYSPROP	1.6E+00	4.1E+00	1.1E+01	2.5E-01	EPI					
Hexachlorobutadiene	87-68-3	2.6E+02	PHYSPROP	4.2E-01	1.0E-02	PHYSPROP	2.2E-01	PHYSPROP	2.2E+01	PHYSPROP	1.6E+00	CR89	2.7E-02	7.0E-06	EPA WATER9	8.5E+02	EPI	4.8E+00	PHYSPROP	3.2E+00	PHYSPROP	5.0E-01	PHYSPROP	5.0E-01	3.0E+00	7.3E+00	8.1E-02	EPI					
Hexachlorocyclohexane, Alpha	319-84-6	2.9E+02	PHYSPROP	2.7E-04	6.7E-06	PHYSPROP	3.5E-05	EPI	1.6E+02	PHYSPROP	1.6E+00	CR89	4.3E-02	5.1E-06	EPA WATER9	2.8E+03	EPI	3.8E+00	PHYSPROP	2.0E+00	PHYSPROP	1.4E-01	PHYSPROP	1.4E-01	4.5E+00	1.1E+01	2.1E-02	EPI					
Hexachlorocyclohexane, Beta	319-85-7	2.9E+02	PHYSPROP	1.8E-05	4.4E-07	PHYSPROP	3.6E-07	PHYSPROP	3.1E+02	PHYSPROP	1.9E+00	CR89	2.8E-02	7.4E-06	EPA WATER9	2.8E+03	EPI	3.8E+00	PHYSPROP	2.4E-01	PHYSPROP	1.4E-01	PHYSPROP	1.4E-01	4.5E+00	1.1E+01	2.1E-02	EPI					
Hexachlorocyclohexane, Gamma-(Lindane)	58-89-9	2.9E+02	PHYSPROP	2.1E-04	5.1E-06	PHYSPROP	4.2E-05	PHYSPROP	1.1E+02	PHYSPROP	1.9E+00	CR89	4.3E-02	5.1E-06	EPA WATER9	2.8E+03	EPI	3.7E+00	PHYSPROP	7.3E+00	PHYSPROP	1.4E-01	PHYSPROP	1.4E-01	4.5E+00	1.1E+01	2.1E-02	EPI					
Hexachlorocyclohexane, Technical	608-73-1	2.9E+02	PHYSPROP	2.1E-04	5.1E-06	EPI	3.5E-05	EPI	1.1E+02	EPI	1.7E+00	CR89	4.3E-02	5.1E-06	EPA WATER9	2.8E+03	EPI	4.1E+00	EPI	8.0E+00	PHYSPROP	1.4E-01	PHYSPROP	1.4E-01	4.5E+00	1.1E+01	2.1E-02	EPI					
Hexachlorocyclopentadiene	77-47-4	2.7E+02	PHYSPROP	1.1E+00	2.7E-02	PHYSPROP	6.0E-02	PHYSPROP	-9.0E+00	PHYSPROP	1.7E+00	CR89	2.7E-02	7.2E-06	EPA WATER9	1.4E+03	EPI	5.0E+00	PHYSPROP	1.8E+00	PHYSPROP	6.5E-01	PHYSPROP	6.5E-01	3.5E+00	1.4E+01	1.0E-01	EPI					
Hexachloroethane	67-72-1	2.4E+02	PHYSPROP	1.6E-01	3.9E-03	PHYSPROP	2.1E-01	PHYSPROP	1.9E+02	PHYSPROP	2.1E+00	CR89	3.2E-02	8.9E-06	EPA WATER9	2.0E+02	EPI	4.1E+00	PHYSPROP	5.0E+01	PHYSPROP	1.5E+00	PHYSPROP	1.5E+00	2.2E+00	5.3E+00	4.2E-02	EPI					
Hexachlorophene	70-30-4	4.1E+02	PHYSPROP	2.2E-11	5.5E-13	PHYSPROP	1.0E-10	PHYSPROP	1.7E+02	PHYSPROP	1.0E+00	CR89	3.5E-02	4.0E-06	EPA WATER9	6.7E+05	EPI	7.5E+00	PHYSPROP	1.4E+02	PHYSPROP	2.5E+00	PHYSPROP	2.5E+00	2.0E+01	8.9E+01	8.4E-01	EPI					
Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	121-82-4	2.2E+02	PHYSPROP	8.2E-10	2.0E-11	EPI	4.1E-09	EPI	2.1E+02	PHYSPROP	1.8E+00	CR89	3.1E-02	8.5E-06	EPA WATER9	8.9E+01	EPI	8.7E-01	PHYSPROP	6.0E+01	PHYSPROP	1.6E+01	PHYSPROP	1.6E+01	1.8E+00	4.4E+00	3.4E-04	EPI					
Hexamethylene Diisocyanate, 1,6-	822-00-6	1.7E+02	PHYSPROP	2.0E-03	4.8E-05	PHYSPROP	3.0E-02	PHYSPROP	-6.7E+01	PHYSPROP	1.1E+00	CR89	4.0E-02	7.2E-06	EPA WATER9	4.8E+03	EPI	3.2E+00	PHYSPROP	1.2E+02	PHYSPROP	1.9E-01	PHYSPROP	1.9E-01	9.2E-01	2.2E+00	2.4E-02	EPI					
Hexamethylphosphoramide	680-31-9	1.8E+02	PHYSPROP	8.2E-07	2.0E-08	PHYSPROP	4.6E-02	PHYSPROP	7.2E+00	PHYSPROP	1.0E+00	CR89	3.5E-02	6.9E-06	EPA WATER9	1.0E+01	EPI	2.8E-01	PHYSPROP	1.0E+06	PHYSPROP	1.2E-03	PHYSPROP	1.2E-03	1.1E+00	2.5E+00	2.4E-04	EPI					
Hexane, N	110-54-3	8.6E+01	PHYSPROP	7.4E+01	1.8E+00	EPI	1.5E+02	PHYSPROP	-9.5E+01	PHYSPROP	6.6E-01	CR89	7.3E-02	8.2E-06	EPA WATER9	1.3E+02	EPI	3.9E+00	PHYSPROP	9.5E+00	PHYSPROP	7.2E-01	PHYSPROP	7.2E-01	3.2E-01	1.2E+00	2.0E-01	EPI					
Hexanedioic Acid	124-04-9	1.5E+02	PHYSPROP	1.9E-10	4.7E-12	EPI	3.2E-07	EPI	1.5E+02	PHYSPROP	1.4E+00	CR89	5.8E-02	9.2E-06	EPA WATER9	2.4E+01	EPI	8.0E-02	PHYSPROP	3.1E+04	PHYSPROP	1.2E-03	PHYSPROP	1.2E-03	6.9E-01	1.7E+00	2.7E-04	EPI					
Hexanone, 2-	591-78-6	1.0E+02	PHYSPROP	3.8E-03	9.3E-05	EPI	1.2E+01	PHYSPROP	1.5E+01	PHYSPROP	8.1E-01	CR89	7.0E-02	8.4E-06	EPA WATER9	1.5E+01	EPI	1.4E+00	PHYSPROP	1.7E+04	PHYSPROP	1.4E+02	PHYSPROP	1.4E+02	3.8E-01	9.2E-01	3.6E-03	EPI					
Hexazone	51235-04-2	2.5E+02	PHYSPROP	9.2E-11	2.3E-12	EPI	2.3E-07	EPI	1.2E+02	PHYSPROP	1.3E+00	CR89	2.5E-02	6.3E-06	EPA WATER9	1.3E+02	EPI	1.9E+00	PHYSPROP	2.3E+04	PHYSPROP	6.2E-03	PHYSPROP	6.2E-03	2.7E+00	6.5E+00	1.0E-03	EPI					
Hexylthiazol	7857-05-0	3.5E+02	PHYSPROP	9.7E-07	2.4E-08	EPI	2.6E-08	PHYSPROP	1.1E+02	PHYSPROP	1.0E+00	CR89	3.8E-02	4.4E-06	EPA WATER9	2.1E+03	EPI	5.6E+00	PHYSPROP	5.0E-01	PHYSPROP	6.0E-01	PHYSPROP	6.0E-01	1.0E+01	2.4E+01	8.3E-02	EPI					
Hydramethylnon	67485-29-4	4.9E+02	PHYSPROP	9.0E-05	2.2E-06	EPI	2.0E-08	PHYSPROP	1.9E+02	PHYSPROP	3.0E+02	PHYSPROP	3.0E-02	3.6E-06	EPA WATER9	1.8E+08	EPI	2.3E+00	PHYSPROP	6.0E-03	PHYSPROP	7.0E-04	PHYSPROP	7.0E-04	6.2E+01	1.5E+02	9.0E-05	EPI					
Hydrazine	302-01-2	3.2E+01	PHYSPROP	2.5E-05	6.1E-07	PubChem	1.4E+01	PHYSPROP	2.0E+00	PHYSPROP	1.0E+00	CR89	1.7E-01	1.9E-05	EPA WATER9	2.1E+00	PHYSPROP	1.0E+06	PHYSPROP	3.1E+04	PHYSPROP	9.5E-05	PHYSPROP	9.5E-05	1.6E-01	3.8E-01	4.4E-05	RAGSE					
Hydrazine Sulfate	10034-93-2	1.3E+02	EPI						2.5E+02	CR89	1.4E+00	CR89																					
Hydrogen Chloride	7647-01-0	3.5E+01	EPI	8.3E-07	2.0E-06	Toxnet HSDB	3.5E+04	PubChem	-1.1E+02	CR89	1.5E+00	CR89	1.9E-01	2.3E-05	EPA WATER9	6.7E+05	Toxnet HSDB	1.0E+06	PHYSPROP	2.3E-03	PHYSPROP	2.3E-03	PHYSPROP	2.3E-03	1.7E-01	4.0E-01	1.0E-03	RAGSE					
Hydrogen Fluoride	7664-39-3	2.0E+01	PHYSPROP	4.3E-03	1.0E-04	PHYSPROP	9.2E-02	PHYSPROP	-8.4E+01	PHYSPROP	8.2E-01	CR89	2.2E-01	2.2E-05	EPA WATER9	2.3E-01	OTHER	1.0E+06	PHYSPROP	3.7E+03	PHYSPROP	1.0E+06	PHYSPROP	1.0E+06	1.4E-01	3.3E-01	1.0E-03	RAGSE					
Hydrogen Sulfide	7783-06-4	3.4E+01	PHYSPROP	3.5E-01	8.6E-03	PhysProp	1.6E+04	PHYSPROP	-8.5E+01	PHYSPROP	1.4E+00	CR89	1.9E-01	2.2E-05	EPA WATER9	2.3E-01	OTHER	3.7E+03	PHYSPROP	3.7E+03	PHYSPROP	2.2E-03	PHYSPROP	2.2E-03	1.6E-01	3.9E-01	1.0E-03	RAGSE					
Hydroquinone	123-31-9	1.1E+02	PHYSPROP	1.9E-09	4.7E-11	EPI	2.4E-05	EPI	1.7E+02	PHYSPROP	1.3E+00	CR89	8.0E-02	1.1E-05	EPA WATER9	2.4E+02	EPI	5.9E-01	PHYSPROP	7.2E+04	PHYSPROP	3.8E-03	PHYSPROP	3.8E-03	4.3E-01	1.0E+00	9.3E-04	EPI					
Imazalil	35554-44-0	3.0E+02	PHYSPROP	1.1E-07	2.6E-09	EPI	1.2E-06	PHYSPROP	5.3E+01	PHYSPROP	1.2E+00	CR89	2.2E-02	5.7E-06	EPA WATER9	8.5E+03	EPI	3.8E+00	PHYSPROP	1.8E+02	PHYSPROP	7.7E-02	PHYSPROP	7.7E-02	4.9E+00	1.2E+01	1.2E-02	EPI					
Imazaquin	81335-37-7	3.1E+02	PHYSPROP	2.8E-16	6.9E-18	PHYSPROP	1.0E-13	PHYSPROP	2.2E+02	PHYSPROP	1.2E+00	CR89	4.1E-02	4.8E-06	EPA WATER9	2.4E+03	EPI	1.9E+00	PHYSPROP	9.0E+01	PHYSPROP	3.3E+00	PHYSPROP	3.3E+00	5.8E+00	1.4E+01	4.8E-04</						

Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table November 2015

Contaminant		Molecular Weight		Volatility Parameters				Melting Point		Density		Diffusivity in Air and Water				Soil Partition Coefficients				Water Partition		Water Solubility		Tapwater Dermal Parameters								
Analyte	CAS No.	MW	MW Ref	H ⁺ (unitless)	HLC (atm-m ³ /mole)	H ⁺ and HLC Ref	VP	VP Ref	MP	MP Ref	Density (g/cm ³)	Density Ref	D ₁₀ (cm ² /s)	D ₁₀ (cm ² /s)	D ₁₀ and D ₁₀ Ref	K _{oc} (L/kg)	K _{oc} Ref	K _{oc} (L/kg)	K _{oc} Ref	log K _{ow} (unitless)	log K _{ow} Ref	S (mg/L)	S Ref	B (unitless)	B ₁₀ (hr/vent)	t* (hr)	K _p	K _p Ref				
Methyl Acetate	79-20-9	74.08	74.08	4.7E+03	1.2E-04	PHYSPROP	2.2E+02	PHYSPROP	-9.8E+01	PHYSPROP	9.3E-01	CRCB9	9.6E-02	1.1E-05	EPA WATER9	3.1E+00	EPI	1.8E-01	PHYSPROP	2.4E+05	PHYSPROP	1.8E-01	PHYSPROP	2.4E+05	PHYSPROP	6.2E-03	2.7E-01	6.6E-01	7.9E-04	EPI		
Methyl Acrylate	96-33-3	86.09	86.09	4.7E+03	2.0E-04	EPI	8.7E+01	PHYSPROP	-7.2E+01	PHYSPROP	9.5E-01	CRCB9	8.6E-02	1.0E-05	EPA WATER9	5.8E+00	EPI	8.0E-01	PHYSPROP	4.9E+04	PHYSPROP	8.0E-01	PHYSPROP	4.9E+04	PHYSPROP	2.6E-03	3.2E-01	7.7E-01	1.8E-03	EPI		
Methyl Ethyl Ketone (2-Butanone)	78-93-3	72.11	72.11	2.3E+03	5.7E-05	PHYSPROP	9.1E+01	PHYSPROP	-8.7E+01	PHYSPROP	8.0E-01	CRCB9	9.1E-02	1.0E-05	EPA WATER9	4.5E+00	EPI	2.9E-01	PHYSPROP	2.2E+05	PHYSPROP	2.9E-01	PHYSPROP	2.2E+05	PHYSPROP	3.1E-03	2.7E-01	6.4E-01	9.6E-04	EPI		
Methyl Hydrazine	60-34-4	46E+01	46E+01	1.2E-04	3.0E-06	PHYSPROP	5.0E+01	PHYSPROP	-5.2E+01	PHYSPROP	8.7E-01	LANGE	1.3E-01	1.4E-05	EPA WATER9	1.3E+01	EPI	1.1E+00	PHYSPROP	1.0E+06	PHYSPROP	1.1E+00	PHYSPROP	1.0E+06	PHYSPROP	4.5E-04	1.9E-01	6.6E-01	1.7E-04	EPI		
Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	1.0E+02	1.0E+02	5.6E-03	1.4E-04	EPI	2.0E+01	PHYSPROP	-8.4E+01	PHYSPROP	8.0E-01	CRCB9	7.0E-02	8.3E-06	EPA WATER9	1.3E+01	EPI	1.3E+00	PHYSPROP	1.9E+04	PHYSPROP	1.3E+00	PHYSPROP	1.9E+04	PHYSPROP	1.2E-02	3.8E-01	9.2E-01	3.2E-03	EPI		
Methyl Isocyanate	624-83-9	5.7E+01	5.7E+01	3.8E-02	9.3E-04	PHYSPROP	3.5E+02	PHYSPROP	-4.5E+01	PHYSPROP	9.6E-01	CRCB9	1.2E-01	1.3E-05	EPA WATER9	4.0E+01	EPI	7.9E-01	PHYSPROP	2.9E+04	PHYSPROP	7.9E-01	PHYSPROP	2.9E+04	PHYSPROP	7.2E-03	2.2E-01	5.9E-01	2.5E-03	EPI		
Methyl Methacrylate	98-26-6	1.0E+02	1.0E+02	1.3E-02	3.2E-04	EPI	3.9E+01	PHYSPROP	-4.9E+01	PHYSPROP	9.4E-01	CRCB9	7.5E-02	9.2E-06	EPA WATER9	9.1E+00	EPI	1.4E+00	PHYSPROP	1.4E+06	PHYSPROP	1.4E+00	PHYSPROP	1.4E+06	PHYSPROP	1.4E-02	3.8E-01	9.2E-01	3.5E-03	EPI		
Methyl Parathion	298-00-0	2.6E+02	2.6E+02	4.1E-06	1.0E-07	PHYSPROP	3.5E-06	PHYSPROP	3.6E+01	PHYSPROP	1.4E+00	CRCB9	2.5E-02	6.4E-06	EPA WATER9	3.8E+01	EPI	2.9E+00	PHYSPROP	3.8E+01	PHYSPROP	2.9E+00	PHYSPROP	3.8E+01	PHYSPROP	2.6E-02	3.1E+00	7.5E+00	4.2E-03	EPI		
Methyl Phosphonic Acid	993-13-5	9.6E+01	9.6E+01	5.0E-10	1.2E-11	PHYSPROP	3.3E-04	EPI	1.1E+02	PHYSPROP	1.1E+00	CRCB9	1.1E-02	1.1E-05	EPA WATER9	1.4E+00	EPI	7.0E-01	PHYSPROP	2.0E+04	PHYSPROP	7.0E-01	PHYSPROP	2.0E+04	PHYSPROP	3.7E-04	3.6E-01	8.7E-01	9.8E-05	EPI		
Methyl Styrene (Mixed Isomers)	25013-15-4	3.5E+02	3.5E+02	1.1E-01	2.6E-03	PHYSPROP	1.5E+00	PHYSPROP	-8.6E+01	EPI	8.9E-01	HSDB	1.7E-02	4.2E-06	EPA WATER9	7.2E+02	EPI	3.4E+00	PHYSPROP	8.9E+01	PHYSPROP	3.4E+00	PHYSPROP	8.9E+01	PHYSPROP	4.8E-01	1.0E+01	2.4E+01	6.6E-02	EPI		
Methyl methanesulfonate	66-27-3	1.1E+02	1.1E+02	1.6E-04	4.0E-06	PHYSPROP	3.1E-01	PHYSPROP	2.0E+01	PHYSPROP	1.3E+00	CRCB9	7.9E-02	1.1E-05	EPA WATER9	4.3E+00	EPI	-6.6E-01	PHYSPROP	2.0E+05	LANGE	-6.6E-01	PHYSPROP	2.0E+05	LANGE	5.6E-04	4.4E-01	1.0E+00	1.4E-04	EPI		
Methyl tert-Butyl Ether (MTBE)	1634-04-4	8.8E+01	8.8E+01	2.4E-02	5.9E-04	PHYSPROP	2.5E+02	PHYSPROP	1.1E+02	PHYSPROP	7.4E-01	CRCB9	7.5E-02	8.6E-06	EPA WATER9	1.2E+01	EPI	9.4E-01	PHYSPROP	5.1E+04	PHYSPROP	9.4E-01	PHYSPROP	5.1E+04	PHYSPROP	2.9E-03	3.3E-01	7.9E-01	2.1E-03	EPI		
Methyl-1,4-benzenediamine dihydrochloride, 2-	615-45-2	2.0E+02	2.0E+02	2.6E-16	6.4E-18	PHYSPROP	4.1E-12	PHYSPROP	2.4E+02	EPI	5.6E-02	PHYSPROP	6.6E-02	6.6E-06	EPA WATER9	2.0E+02	EPI	2.1E+00	PHYSPROP	1.0E+06	PHYSPROP	2.1E+00	PHYSPROP	1.0E+06	PHYSPROP	7.6E-05	1.3E+00	3.1E+00	5.4E-06	EPI		
Methyl-5-Nitroaniline, 2-	99-55-8	1.5E+02	1.5E+02	3.4E-07	8.3E-09	PHYSPROP	9.8E-04	PHYSPROP	1.1E+02	PHYSPROP	1.2E+00	CRCB9	6.7E-02	7.8E-06	EPA WATER9	1.8E+02	EPI	1.9E+00	PHYSPROP	1.0E+04	PHYSPROP	1.9E+00	PHYSPROP	1.0E+04	PHYSPROP	1.8E-02	7.5E-01	1.8E+00	3.8E-03	EPI		
Methyl-N-nitro-N-nitrosoguanidine, N-	70-25-7	1.5E+02	1.5E+02	5.0E-11	1.2E-12	PHYSPROP	1.2E-04	PHYSPROP	1.2E+02	EPI	6.8E-02	PHYSPROP	8.0E-06	8.0E-06	EPA WATER9	1.7E+02	EPI	-9.2E-01	PHYSPROP	2.7E+05	PHYSPROP	-9.2E-01	PHYSPROP	2.7E+05	PHYSPROP	4.8E-05	7.0E-01	1.7E+00	5.7E-05	EPI		
Methylaniline Hydrochloride, 2-	636-21-5	1.4E+02	1.4E+02	8.6E-05	2.1E-06	PHYSPROP	2.9E-01	PHYSPROP	2.2E+02	PHYSPROP	1.2E+00	EPI	6.9E-02	8.1E-06	EPA WATER9	1.2E+02	EPI	1.6E+00	PHYSPROP	8.3E+03	PHYSPROP	1.6E+00	PHYSPROP	8.3E+03	PHYSPROP	4.8E-05	6.7E-01	1.6E+00	1.1E-05	EPI		
Methylenesulfonamide	124-58-3	1.4E+02	1.4E+02	1.6E-03	4.1E-06	PHYSPROP	1.6E-03	PHYSPROP	1.6E+02	PHYSPROP	1.2E+00	EPI	7.0E-02	8.2E-06	EPA WATER9	4.4E+01	EPI	-1.2E+00	PHYSPROP	2.6E+05	PHYSPROP	-1.2E+00	PHYSPROP	2.6E+05	PHYSPROP	1.9E-04	6.4E-01	1.5E+00	4.2E-05	EPI		
Methylbenzene, 1,4-diamine monohydrochloride, 2-	74612-12-7	1.6E+02	OTHER	2.1E-04	5.2E-06	EPI	4.3E-08	EPI	1.8E+02	PHYSPROP	1.3E+00	CRCB9	6.5E-02	7.6E-06	EPA WATER9	9.6E+05	EPI	6.4E+00	PHYSPROP	2.9E-03	PHYSPROP	6.4E+00	PHYSPROP	2.9E-03	PHYSPROP	8.1E-01	2.0E+00	1.8E+00	4.3E+00	EPI		
Methylbenzene, 1,4-diamine sulfate, 2-	615-50-9	2.2E+02	OTHER	2.1E-04	5.2E-06	EPI	4.3E-08	EPI	1.8E+02	PHYSPROP	1.3E+00	CRCB9	5.2E-02	6.1E-06	EPA WATER9	2.4E+02	6.1E+05	6.4E+00	PHYSPROP	2.9E-03	PHYSPROP	6.4E+00	PHYSPROP	2.9E-03	PHYSPROP	5.7E+00	3.3E+01	1.5E+01	9.0E-01	EPI		
Methylcholanthrene, 3-	56-49-5	2.7E+02	PHYSPROP	1.3E-01	3.3E-03	PHYSPROP	4.4E+02	PHYSPROP	-9.5E+01	PHYSPROP	1.3E+00	CRCB9	1.0E-01	1.3E-05	EPA WATER9	2.2E+01	EPI	1.3E+00	PHYSPROP	1.3E+04	PHYSPROP	1.3E+00	PHYSPROP	1.3E+04	PHYSPROP	1.3E-02	3.1E-01	7.5E-01	3.5E-03	EPI		
Methylene-bis(2-chloroaniline), 4,4'	101-14-4	2.7E+02	PHYSPROP	1.7E-09	4.1E-11	PHYSPROP	2.9E-07	PHYSPROP	1.1E+02	PHYSPROP	1.3E+00	CRCB9	4.6E-02	5.4E-06	EPA WATER9	5.7E+03	EPI	3.9E+00	PHYSPROP	1.4E-01	PHYSPROP	3.9E+00	PHYSPROP	1.4E-01	PHYSPROP	1.2E-01	3.3E+00	7.9E+00	2.9E-02	EPI		
Methylene-bis(N,N-dimethyl) Aniline, 4,4'	101-61-1	2.5E+02	PHYSPROP	4.4E-08	1.1E-09	PHYSPROP	1.8E-05	PHYSPROP	9.2E+01	PHYSPROP	1.3E+00	CRCB9	4.7E-02	5.5E-06	EPA WATER9	2.7E+03	EPI	4.4E+00	PHYSPROP	4.1E+00	PHYSPROP	4.4E+00	PHYSPROP	4.1E+00	PHYSPROP	5.2E-01	2.8E+00	6.7E+00	8.4E-02	RAGSE		
Methylenbisbenzamide, 4,4'	101-77-9	2.0E+02	PHYSPROP	2.2E-09	5.3E-11	PHYSPROP	2.0E-07	PHYSPROP	9.3E+01	PHYSPROP	1.0E+00	CRCB9	5.6E-02	6.5E-06	EPA WATER9	1.6E+03	EPI	1.5E+00	PHYSPROP	1.0E+03	PHYSPROP	1.5E+00	PHYSPROP	1.0E+03	PHYSPROP	7.2E-03	1.4E+00	3.3E+00	1.4E-03	EPI		
Methylenediphenyl Diisocyanate	101-68-8	2.5E+02	PHYSPROP	3.7E-05	9.0E-07	PHYSPROP	5.0E-06	PHYSPROP	3.8E+01	PHYSPROP	1.2E+00	CRCB9	2.4E-02	6.2E-06	EPA WATER9	2.8E+05	EPI	5.2E+00	PHYSPROP	8.3E-01	PHYSPROP	5.2E+00	PHYSPROP	8.3E-01	PHYSPROP	1.1E+00	2.7E+00	1.0E+01	1.8E-01	EPI		
Methylstyrene, Alpha	98-83-9	1.2E+02	PHYSPROP	1.0E-01	2.6E-03	EPI	1.9E+00	EPI	-2.3E+01	PHYSPROP	9.1E-01	CRCB9	6.3E-02	8.2E-06	EPA WATER9	7.0E+02	EPI	3.5E+00	PHYSPROP	1.2E+02	PHYSPROP	3.5E+00	PHYSPROP	1.2E+02	PHYSPROP	2.9E+01	4.8E-01	1.2E+00	7.0E-02	EPI		
Metolachlor	51218-45-2	2.8E+02	PHYSPROP	3.7E-07	9.0E-09	PHYSPROP	3.1E-05	PHYSPROP	-6.2E+01	PHYSPROP	1.1E+00	CRCB9	2.2E-02	5.5E-06	EPA WATER9	4.9E+02	EPI	3.1E+00	PHYSPROP	5.3E+02	PHYSPROP	3.1E+00	PHYSPROP	5.3E+02	PHYSPROP	7.2E-02	4.1E+00	9.8E+00	3.4E-03	EPI		
Metribuzin	21087-64-9	2.1E+02	PHYSPROP	4.8E-09	1.2E-10	EPI	4.4E-07	PHYSPROP	1.3E+02	PHYSPROP	1.3E+00	CRCB9	4.6E-02	5.4E-06	EPA WATER9	5.7E+03	EPI	1.7E+00	PHYSPROP	1.1E+03	PHYSPROP	1.7E+00	PHYSPROP	1.1E+03	PHYSPROP	2.4E-03	1.7E+00	4.0E+00	1.3E-03	EPI		
Metsulfuron-methyl	74223-64-6	3.8E+02	PHYSPROP	5.4E-15	1.3E-16	EPI	2.5E-12	PHYSPROP	1.6E+02	PHYSPROP	1.3E+00	CRCB9	3.6E-02	4.2E-06	EPA WATER9	9.3E+01	EPI	2.2E+00	PHYSPROP	9.5E+03	PHYSPROP	2.2E+00	PHYSPROP	9.5E+03	PHYSPROP	2.5E-03	1.4E+01	3.4E+01	3.3E-04	EPI		
Mineral oils	8012-95-1	1.7E+02	EPI	3.3E+02	8.2E+00	EPI	1.4E-01	EPI	-9.6E+00	EPI	8.8E-01	ChemNet	3.6E-02	6.4E-06	EPA WATER9	4.8E+03	EPI	6.1E+00	EPI	3.7E-03	EPI	6.1E+00	EPI	3.7E-03	EPI	9.8E+00	9.5E-01	4.3E+00	2.0E+00	EPI		
Mirex	2385-85-5	5.5E+02	PHYSPROP	3.3E-02	8.1E-04	PHYSPROP	8.0E-07	PHYSPROP	4.9E+02	CRCB9	2.3E+00	ChemNet	2.2E-02	5.6E-06	EPA WATER9	3.6E+05	EPI	6.9E+00	PHYSPROP	8.5E-02	PHYSPROP	6.9E+00	PHYSPROP	8.5E-02	PHYSPROP	4.6E-01	1.2E+02	2.9E+02	5.2E-02	EPI		
Molinate	2212-67-1	1.9E+02	PHYSPROP	1.7E-04	4.1E-06	PHYSPROP	5.6E-03	PHYSPROP	7.0E+01	EPI	1.1E+00	CRCB9	3.2E-02	6.8E-06	EPA WATER9	1.8E+02	EPI	3.2E+00	PHYSPROP	9.7E+02	PHYSPROP	3.2E+00	PHYSPROP	9.7E+02	PHYSPROP	9.9E-02	1.2E+00	2.8E+00	1.9E-02	EPI		
Molybdenum Monochloride	7439-98-7	9.6E+01	EPI	3.6E-04	8.9E-06	PHYSPROP	0.0E+00	NIOSH	2.6E+03	PHYSPROP	1.0E+01	CRCB9	7.2E-02	9.1E-06	EPA WATER9	2.0E+01	BAES	8.2E+01	EPI	1.7E+00	PHYSPROP	5.6E+03	PHYSPROP	1.7E+00	PHYSPROP	5.6E+03	PHYSPROP	3.8E-03	3.6E-01	8.7E-01	1.0E-03	RAGSE
Monomethylamine	10599-90-3	5.1E+01	EPI	3.6E-04	8.9E-06	PHYSPROP	0.0E+00	NIOSH	-6.6E+01	CRCB9	9.9E-01	CRCB9	6.6E-02	9.1E-06	EPA WATER9	8.2E+01	EPI	1.7E+00														

Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table November 2015

Contaminant		Molecular Weight		Volatility Parameters				Melting Point		Density		Diffusivity in Air and Water				Soil Partition Coefficients				Water Partition		Water Solubility		Tapwater Dermal Parameters									
Analyte	CAS No.	MW	MW Ref	H' (unitless)	HLC (atm-m ³ /mole)	H' and HLC Ref	VP	VP Ref	MP	MP Ref	Density (cm ³ /cm ³)	Density Ref	Dia (cm ² /s)	Diw (cm ² /s)	D ₁₀ and D ₁₀₀ Ref	K _{oc} (L/kg)	K _{oc} Ref	K _{oc} (L/kg)	K _{oc} Ref	log K _{ow} (unitless)	log K _{ow} Ref	S (mg/L)	S Ref	B (unitless)	T _{1/2} (hr)	t* (hr)	K _p (hr)	KPREF					
*Aroclor 1242	53469-21-9	2.9E+02	PHYSPROP	1.4E-02	3.4E-04	PHYSPROP	8.6E-05	EPI	1.2E+02	EPI	1.4E+00	ATSDR Profile	2.4E-02	6.1E-06	EPA WATER	7.8E+04	EPI	6.3E+00	PHYSPROP	2.8E-01	PHYSPROP	3.6E+00	PHYSPROP	3.6E+00	4.5E+00	1.9E+01	5.5E-01	EPI					
*Aroclor 1248	12672-29-6	6.2E+02	PHYSPROP	1.8E-02	4.4E-04	PHYSPROP	4.9E-04	PHYSPROP	1.2E+02	EPI	1.4E+00	HSDB	1.6E-02	3.9E-06	EPA WATER	7.7E+04	EPI	6.2E+00	PHYSPROP	1.0E-01	PHYSPROP	6.2E+00	PHYSPROP	4.5E+00	3.1E+02	1.3E+03	4.8E-01	EPI					
*Aroclor 1254	11097-69-1	3.3E+02	PHYSPROP	1.2E-02	2.8E-04	PHYSPROP	7.7E-05	PHYSPROP	1.3E+02	EPI	1.5E+00	ATSDR Profile	2.4E-02	6.1E-06	EPA WATER	1.3E+05	EPI	6.5E+00	PHYSPROP	4.3E-02	PHYSPROP	5.2E+00	PHYSPROP	7.1E+00	3.1E+01	7.5E-01	EPI						
*Aroclor 1260	11096-82-2	4.0E+02	PHYSPROP	1.4E-02	3.4E-04	PHYSPROP	4.1E-05	PHYSPROP	1.6E+02	EPI	1.6E+00	ATSDR Profile	2.2E-02	5.6E-06	EPA WATER	3.5E+05	EPI	7.6E+00	PHYSPROP	1.4E-02	PHYSPROP	5.5E+00	PHYSPROP	1.7E+01	1.7E+01	9.9E-01	9.9E-01	EPI					
*Aroclor 5460	11216-42-4	2.9E+02	PHYSPROP	5.1E-03	1.3E-04	PHYSPROP	8.5E-06	PHYSPROP	1.2E+02	EPI	1.6E+00	LookChem	2.6E-02	6.8E-06	EPA WATER	8.1E+04	EPI	6.3E+00	PHYSPROP	5.3E-02	PHYSPROP	3.8E+00	PHYSPROP	4.5E+00	2.0E+01	5.8E-01	EPI						
*Heptachlorobiphenyl, 2,3,3',4,4',5,5'-(PCB 189)	39635-31-9	4.0E+02	PHYSPROP	2.1E-03	5.1E-05	PHYSPROP	1.3E-07	PHYSPROP	1.6E+02	EPI	1.7E+00	LookChem	2.2E-02	5.7E-06	EPA WATER	3.5E+05	EPI	8.3E+00	PHYSPROP	7.5E-04	PHYSPROP	2.3E+01	PHYSPROP	3.8E+01	1.7E+01	8.0E+01	3.0E+00	EPI					
*Hexachlorobiphenyl, 2,3,3',4,4',5,5'-(PCB 187)	52663-72-6	3.6E+02	PHYSPROP	2.8E-03	6.9E-05	PHYSPROP	5.8E-07	PHYSPROP	1.5E+02	EPI	1.6E+00	LookChem	2.3E-02	5.9E-06	EPA WATER	2.1E+05	EPI	7.5E+00	PHYSPROP	2.2E-03	PHYSPROP	1.0E+01	PHYSPROP	1.1E+01	5.0E+01	1.4E+00	EPI						
*Hexachlorobiphenyl, 2,3,3',4,4',5'-(PCB 157)	69782-90-7	3.6E+02	PHYSPROP	6.6E-03	1.6E-04	EPI	5.8E-07	EPI	1.5E+02	EPI	1.6E+00		2.3E-02	5.9E-06	EPA WATER	2.1E+05	EPI	7.6E+00	PHYSPROP	1.6E-03	EPI	1.2E+01	PHYSPROP	1.1E+01	5.0E+01	1.7E+00	EPI						
*Hexachlorobiphenyl, 2,3,3',4,4',5'-(PCB 156)	38380-08-4	3.6E+02	PHYSPROP	5.8E-03	1.4E-04	EPI	1.6E-06	PHYSPROP	1.5E+02	EPI	1.6E+00	LookChem	2.3E-02	5.9E-06	EPA WATER	2.2E+05	EPI	7.6E+00	PHYSPROP	5.3E-03	PHYSPROP	1.2E+01	PHYSPROP	1.1E+01	5.0E+01	1.7E+00	EPI						
*Hexachlorobiphenyl, 3,3',4,4',5,5'-(PCB 169)	32774-16-6	3.6E+02	PHYSPROP	2.8E-03	6.9E-05	PHYSPROP	5.8E-07	PHYSPROP	1.5E+02	EPI	1.6E+00	LookChem	2.3E-02	5.9E-06	EPA WATER	2.2E+05	EPI	7.4E+00	PHYSPROP	5.1E-04	PHYSPROP	9.1E+00	PHYSPROP	1.1E+01	5.0E+01	1.2E+00	EPI						
*Pentachlorobiphenyl, 2,3,4,4',5'-(PCB 123)	65510-44-3	3.3E+02	EPI	7.8E-03	1.9E-04	EPI	5.5E-06	EPI	9.8E+01	EPI	1.5E+00	LookChem	2.4E-02	6.1E-06	EPA WATER	1.3E+05	EPI	7.0E+00	EPI	1.6E-02	EPI	6.9E+00	PHYSPROP	7.1E+00	3.2E+01	1.0E+00	EPI						
*Pentachlorobiphenyl, 2,3,4,4',5'-(PCB 118)	31508-00-6	3.3E+02	PHYSPROP	1.2E-02	2.9E-04	EPI	9.0E-06	PHYSPROP	1.3E+02	EPI	1.5E+00	LookChem	2.4E-02	6.1E-06	EPA WATER	1.3E+05	EPI	7.1E+00	PHYSPROP	1.3E-02	PHYSPROP	8.6E+00	PHYSPROP	7.1E+00	3.2E+01	1.2E+00	EPI						
*Pentachlorobiphenyl, 2,3,3',4,4',5'-(PCB 105)	32598-14-4	3.3E+02	PHYSPROP	1.2E-02	2.8E-04	EPI	6.5E-06	PHYSPROP	1.3E+02	EPI	1.5E+00	LookChem	2.4E-02	6.1E-06	EPA WATER	1.3E+05	EPI	6.8E+00	PHYSPROP	3.4E-03	PHYSPROP	5.2E+00	PHYSPROP	7.1E+00	3.2E+01	1.1E+01	7.5E-01	EPI					
*Pentachlorobiphenyl, 2,3,4,4',5'-(PCB 114)	74472-37-0	3.3E+02	PHYSPROP	3.8E-03	9.2E-05	PHYSPROP	5.5E-06	PHYSPROP	9.8E+01	PHYSPROP	1.5E+00	LookChem	2.4E-02	6.1E-06	EPA WATER	1.3E+05	EPI	7.0E+00	PHYSPROP	1.6E-02	PHYSPROP	6.9E+00	PHYSPROP	7.1E+00	3.2E+01	1.0E+00	EPI						
*Pentachlorobiphenyl, 3,3',4,4',5'-(PCB 126)	57465-28-8	3.3E+02	EPI	7.8E-03	1.9E-04	EPI	2.2E-06	EPI	1.3E+02	EPI	1.5E+00	LookChem	2.4E-02	6.1E-06	EPA WATER	1.3E+05	EPI	7.0E+00	EPI	7.3E-03	EPI	6.9E+00	PHYSPROP	7.1E+00	3.2E+01	1.0E+00	EPI						
*Polychlorinated Biphenyls (high risk)	1336-36-3	2.9E+02	PHYSPROP	1.7E-02	4.2E-04	PHYSPROP	4.9E-04	PHYSPROP	1.2E+02	EPI	1.4E+00	HSDB	2.4E-02	6.3E-06	EPA WATER	7.8E+04	EPI	7.1E+00	PHYSPROP	7.0E-01	PHYSPROP	3.6E+00	PHYSPROP	4.5E+00	1.9E+01	5.5E-01	EPI						
*Polychlorinated Biphenyls (low risk)	1336-36-3	2.9E+02	PHYSPROP	1.7E-02	4.2E-04	PHYSPROP	4.9E-04	PHYSPROP	1.2E+02	EPI	1.4E+00	HSDB	2.4E-02	6.3E-06	EPA WATER	7.8E+04	EPI	7.1E+00	PHYSPROP	7.0E-01	PHYSPROP	3.6E+00	PHYSPROP	4.5E+00	1.9E+01	5.5E-01	EPI						
*Polychlorinated Biphenyls (lowest risk)	1336-36-3	2.9E+02	PHYSPROP	1.7E-02	4.2E-04	PHYSPROP	4.9E-04	PHYSPROP	1.2E+02	EPI	1.4E+00	HSDB	2.4E-02	6.3E-06	EPA WATER	7.8E+04	EPI	7.1E+00	PHYSPROP	7.0E-01	PHYSPROP	3.6E+00	PHYSPROP	4.5E+00	1.9E+01	5.5E-01	EPI						
*Tetrachlorobiphenyl, 3,3',4,4'-(PCB 77)	32598-13-3	2.9E+02	PHYSPROP	3.8E-04	9.4E-06	PHYSPROP	1.6E-05	PHYSPROP	1.8E+02	CRCB9	1.4E+00		4.3E-02	5.0E-06	EPA WATER	7.8E+04	EPI	6.6E+00	PHYSPROP	5.0E-04	PHYSPROP	6.0E+00	PHYSPROP	4.5E+00	2.0E+01	9.2E-01	EPI						
*Tetrachlorobiphenyl, 3,3',4,4'-(PCB 81)	70362-50-4	2.9E+02	EPI	9.1E-03	2.2E-04	EPI	8.5E-06	EPI	1.2E+02	EPI	1.4E+00	LookChem	2.4E-02	6.3E-06	EPA WATER	7.8E+04	EPI	6.3E+00	EPI	3.2E-02	EPI	3.8E+00	EPI	4.5E+00	2.0E+01	5.8E-01	EPI						
Polymeric Methylene Diiphenyl Disocyanate (PMDI)	9016-87-9	5.1E+02	EPI	9.1E-03	1.3E-11	EPI	5.4E-13	EPI	2.5E+02	EPI	1.4E+00		3.0E-02	5.5E-06	EPA WATER	1.0E+10	EPI	1.0E+01	EPI	1.8E-06	EPI	3.6E+00	EPI	3.8E+00	4.5E+00	3.7E+01	1.9E-01	EPI					
Polynuclear Aromatic Hydrocarbons (PAHs)																																	
*Acenaphthene	83-32-9	1.5E+02	PHYSPROP	7.5E-03	1.8E-04	PHYSPROP	2.2E-03	PHYSPROP	9.3E+01	PHYSPROP	1.2E+00	CRB9	5.1E-02	8.3E-06	EPA WATER	5.0E+03	EPI	3.9E+00	PHYSPROP	3.9E+00	PHYSPROP	4.1E+01	PHYSPROP	7.7E-01	1.8E+00	8.6E-02	EPI						
*Anthracene	120-12-7	1.8E+02	PHYSPROP	2.3E-03	5.6E-05	PHYSPROP	6.5E-06	EPI	2.2E+02	PHYSPROP	1.3E+00	CRB9	3.9E-02	7.9E-06	EPA WATER	1.6E+04	EPI	4.5E+00	PHYSPROP	4.1E+00	PHYSPROP	7.1E+00	PHYSPROP	1.0E+00	4.1E+00	1.4E-01	EPI						
*Benz[a]anthracene	56-55-3	2.3E+02	PHYSPROP	4.9E-04	1.2E-05	PHYSPROP	2.1E-07	PHYSPROP	8.4E+01	PHYSPROP	1.3E+00	PubChem	2.6E-02	6.7E-06	EPA WATER	1.8E+05	EPI	5.8E+00	PHYSPROP	9.4E-03	PHYSPROP	3.2E+00	PHYSPROP	2.0E+00	8.5E+00	5.5E-01	EPI						
*Benz[b]fluoranthene	205-82-3	2.5E+02	PHYSPROP	8.3E-06	2.0E-07	PHYSPROP	2.6E-08	PHYSPROP	1.7E+02	PHYSPROP	1.4E+00		4.8E-02	5.6E-06	EPA WATER	6.0E+05	EPI	6.1E+00	PHYSPROP	2.5E-03	PHYSPROP	4.2E+00	PHYSPROP	2.7E+00	2.7E+00	1.2E+01	6.9E-01	EPI					
*Benz[b]pyrene	50-32-8	2.5E+02	PHYSPROP	1.9E-05	4.6E-07	PHYSPROP	5.5E-09	EPI	1.8E+02	PHYSPROP	1.4E+00		4.8E-02	5.6E-06	EPA WATER	5.9E+05	EPI	6.1E+00	PHYSPROP	1.6E-03	PHYSPROP	4.4E+00	PHYSPROP	2.7E+00	2.7E+00	1.2E+01	7.1E-01	EPI					
*Benz[k]fluoranthene	205-99-2	2.5E+02	PHYSPROP	2.7E-05	6.6E-07	PHYSPROP	5.0E-07	PHYSPROP	1.7E+02	PHYSPROP	1.4E+00		4.8E-02	5.6E-06	EPA WATER	6.0E+05	EPI	5.8E+00	PHYSPROP	1.5E-03	PHYSPROP	4.5E+00	PHYSPROP	2.7E+00	2.7E+00	1.1E+01	4.2E-01	EPI					
*Chloro[k]fluoranthene	207-08-9	2.5E+02	PHYSPROP	2.4E-05	5.8E-07	PHYSPROP	9.7E-10	EPI	2.2E+02	PHYSPROP	1.1E+00	CRB9	4.8E-02	5.6E-06	EPA WATER	5.9E+05	EPI	6.1E+00	PHYSPROP	8.0E-04	PHYSPROP	4.2E+00	PHYSPROP	2.7E+00	2.7E+00	1.2E+01	6.9E-01	EPI					
*Chloronaphthalene, Beta-	91-58-7	1.6E+02	PHYSPROP	1.3E-02	3.2E-04	PHYSPROP	1.2E-02	EPI	6.1E+01	PHYSPROP	1.1E+00	CRB9	4.5E-02	7.7E-06	EPA WATER	2.5E+03	EPI	3.9E+00	PHYSPROP	1.2E+01	PHYSPROP	3.7E+00	PHYSPROP	4.7E+01	8.6E-01	2.1E+00	7.5E-02	EPI					
*Chrysene	218-01-9	2.3E+02	PHYSPROP	2.1E-04	5.2E-06	PHYSPROP	6.2E-09	PHYSPROP	2.6E+02	PHYSPROP	1.3E+00	CRB9	2.6E-02	6.7E-06	EPA WATER	1.8E+05	EPI	5.8E+00	PHYSPROP	2.0E-03	PHYSPROP	3.5E+00	PHYSPROP	2.0E+00	2.0E+00	8.5E+00	6.0E-01	EPI					
*Dibenz[a,h]anthracene	53-70-3	2.8E+02	PHYSPROP	5.8E-06	1.4E-07	EPI	9.6E-10	EPI	2.7E+02	PHYSPROP	1.3E+00	CRB9	4.2E-02	5.2E-06	EPA WATER	1.9E+06	EPI	6.8E+00	PHYSPROP	2.5E-03	PHYSPROP	6.1E+00	PHYSPROP	3.8E+00	1.7E+01	9.5E-01	EPI						
*Dibenz[a,e]pyrene	192-65-4	3.0E+02	PHYSPROP	5.8E-07	1.4E-08	PHYSPROP	7.0E-11	PHYSPROP	2.3E+02	PHYSPROP	1.3E+00	CRB9	4.2E-02	4.9E-06	EPA WATER	6.5E+06	EPI	7.7E+00	EPI	8.0E-05	PHYSPROP	3.1E+00	PHYSPROP	2.8E+01	5.2E+00	2.4E+01	4.2E+00	EPI					
*Dimethylbenz[a]anthracene, 7,12-	57-97-6	2.6E+02	PHYSPROP	1.5E-04	3.8E-08	EPI	6.8E-07	PHYSPROP	1.2E+02	PHYSPROP	1.3E+00	CRB9	4.7E-02	5.5E-06	EPA WATER	4.9E+05	EPI	5.5E+00	PHYSPROP	6.1E-02	PHYSPROP	2.8E+00	PHYSPROP	2.9E+00	2.9E+00								

Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table November 2015

Contaminant		Molecular Weight		Volatility Parameters				Melting Point		Density		Diffusivity in Air and Water				Soil Partition Coefficients				Water Partition		Water Solubility		Tapwater Dermal Parameters									
Analyte	CAS No.	MW	MW Ref	H ¹ (unitless)	HLC (atm-m ³ /mole)	H ¹ and HLC Ref	VP	VP Ref	MP	MP Ref	Density (g/cm ³)	Density Ref	Dia (cm ² /s)	Diw (cm ² /s)	D _a and D _w Ref	K _{oc}	K _{oc} Ref	K _{oc}	K _{oc} Ref	log K _{ow} (unitless)	log K _{ow} Ref	S (mg/L)	S Ref	B (unitless)	B (unitless)	t* (hr)	t* (hr)	K _p	K _p Ref	KPREF			
Sodium Tungstate	13472-45-2	2.9E+02	CR89						7.0E+02	CR89	4.2E+00	CR89											7.4E+05	CR89	6.6E+03	4.6E+00	1.1E+01	1.0E+03	RAGSE				
Sodium Tungstate Dihydrate	10213-10-2	3.3E+02	CR89						1.0E+02	CR89	1.0E+00	CR89											7.0E+03	CR89	7.0E+03	7.4E+00	1.8E+01	1.0E+03	RAGSE				
Stirofos (Tetrachlorovinophos)	961-11-5	3.7E+02	PHYSPROP	7.5E-08	1.8E-09	EPI	4.2E-08	PHYSPROP	9.8E+01	PHYSPROP	3.9E+00	CR89	3.7E-02	4.3E-06	EPA WATER9			1.4E+03	EPI	3.5E+00	PHYSPROP	1.1E+01	PHYSPROP	2.3E+02	1.2E+01	2.8E+01	3.1E+03	EPI					
Strontium Chromate	7789-06-2	2.0E+02	CR89						7.8E+02	PHYSPROP	2.6E+00	CR89											1.1E+03	CR89	5.5E+03	1.5E+00	3.5E+00	1.0E+03	RAGSE				
Strontium, Stable	7440-24-6	8.8E+01	PHYSPROP						7.8E+02	PHYSPROP	2.6E+00	CR89											1.1E+03	PHYSPROP	3.6E+03	3.3E+01	7.8E+01	1.0E+03	RAGSE				
Strychnine	57-24-9	3.3E+02	PHYSPROP	3.1E-12	7.6E-14	PHYSPROP	2.9E-09	PHYSPROP	2.9E+02	PHYSPROP	1.4E+00	CR89	2.2E-02	5.6E-06	EPA WATER9			5.4E+03	EPI	1.9E+00	PHYSPROP	1.6E+02	PHYSPROP	3.8E+03	7.8E+00	1.9E+01	4.0E+04	EPI					
Styrene	100-42-5	1.0E+02	PHYSPROP	1.1E-01	2.8E-03	PHYSPROP	6.4E+00	PHYSPROP	-3.1E+01	PHYSPROP	9.0E-01	CR89	7.4E-02	8.9E-06	EPA WATER9			4.5E+02	EPI	3.0E+00	PHYSPROP	3.1E+02	PHYSPROP	1.5E+01	4.0E+01	9.7E+01	3.7E+02	EPI					
Styrene-Acrylonitrile (SAN) Trimer	NA	2.1E+02	OTHER								1.1E+00	CR89	2.6E-02	6.5E-06	EPA WATER9								8.5E+03	PPRTV	6.6E+02	1.6E+00	3.8E+00	1.2E+02	RAGSE				
Sulfone	126-33-0	1.1E+02	PHYSPROP	2.0E-04	4.9E-03	EPI	4.1E-03	EPI	2.8E+01	PHYSPROP	1.1E+00	CR89	7.6E-02	9.9E-06	EPA WATER9			1.9E+00	EPI	7.7E-01	PHYSPROP	1.0E+06	PHYSPROP	4.3E+04	5.0E+01	1.2E+00	1.0E+04	EPI					
Sulfonylbis(4-chlorobenzene), 1,1'-Sulfur Trioxide	80-07-9	2.9E+02	PHYSPROP	5.6E-06	1.4E-07	PHYSPROP	8.1E-07	PHYSPROP	1.5E+02	PHYSPROP	1.3E+00	CR89	4.4E-02	5.1E-06	EPA WATER9			2.9E+03	EPI	3.9E+00	PHYSPROP	2.4E+00	PHYSPROP	9.7E+02	4.3E+00	1.0E+01	1.5E+02	EPI					
	7446-11-9	8.0E+01	PHYSPROP						1.7E+01	PHYSPROP	1.9E+00	CR89	1.2E-01	1.6E-05	EPA WATER9								3.4E+03	CR89	3.4E+03	3.0E+01	7.1E+01	1.0E+03	RAGSE				
Sulfuric Acid	7664-93-9	9.8E+01	PHYSPROP				5.9E-05	PHYSPROP	1.0E+01	PHYSPROP	1.8E+00	CR89											1.0E+06	PHYSPROP	3.8E+03	3.7E+01	8.9E+01	1.0E+03	RAGSE				
Sulfurous acid, 2-chloroethyl 2-[4-(1,1-dimethylethyl)phenoxy]-1-methylethyl ester	140-57-8	3.3E+02	PHYSPROP	7.8E-06	1.9E-07	PHYSPROP	2.2E-07	PHYSPROP	-3.2E+01	PHYSPROP	1.1E+00	CR89	2.0E-02	5.0E-06	EPA WATER9			5.6E+03	EPI	4.8E+00	PHYSPROP	5.9E-01	PHYSPROP	2.9E+01	7.9E+00	1.9E+01	3.3E+02	EPI					
TCMTB	21564-17-0	2.4E+02	PHYSPROP	2.7E-10	6.5E-12	PHYSPROP	3.1E-07	PHYSPROP	1.5E+02	EPI	1.1E+00	CR89	4.9E-02	5.8E-06	EPA WATER9			3.4E+03	EPI	3.3E+00	PHYSPROP	1.3E+02	PHYSPROP	6.7E+02	2.3E+00	5.5E+00	1.1E+02	EPI					
Tebuthiuron	34014-18-1	2.3E+02	PHYSPROP	3.0E-07	1.2E-10	PHYSPROP	3.0E-07	PHYSPROP	1.6E+02	PHYSPROP	1.3E+00	CR89	5.1E-02	9.5E-06	EPA WATER9			4.2E+01	EPI	1.8E+00	PHYSPROP	2.5E+03	PHYSPROP	7.4E+03	2.0E+00	4.8E+00	1.3E+03	EPI					
Temephos	3383-96-8	4.7E+02	PHYSPROP	8.0E-08	2.0E-09	PHYSPROP	7.9E-08	PHYSPROP	3.0E+01	PHYSPROP	1.3E+00	CR89	1.8E-02	4.5E-06	EPA WATER9			9.5E+04	EPI	6.0E+00	PHYSPROP	2.7E-01	PHYSPROP	2.9E+01	4.3E+01	1.0E+02	3.5E+02	EPI					
Terbacil	5902-51-2	2.2E+02	PHYSPROP	4.9E-09	1.2E-10	EPI	4.7E-07	PHYSPROP	1.8E+02	PHYSPROP	1.3E+00	CR89	2.7E-02	7.2E-06	EPA WATER9			5.0E+01	EPI	1.9E+00	PHYSPROP	7.1E+02	PHYSPROP	9.7E+02	1.7E+00	1.7E+00	1.7E+03	EPI					
Terbufos	13071-79-9	2.9E+02	PHYSPROP	9.8E-04	2.4E-05	EPI	3.2E-04	PHYSPROP	-2.9E+01	PHYSPROP	1.1E+00	CR89	2.2E-02	5.4E-06	EPA WATER9			1.0E+03	EPI	4.5E+00	PHYSPROP	5.1E+00	PHYSPROP	2.3E+01	4.3E+00	1.0E+01	3.6E+02	EPI					
Terbutryn	886-50-0	2.4E+02	PHYSPROP	8.8E-07	2.2E-08	EPI	1.7E-06	PHYSPROP	1.0E+02	PHYSPROP	1.1E+00	CR89	2.4E-02	6.0E-06	EPA WATER9			6.1E+02	EPI	3.7E+00	PHYSPROP	2.5E+01	PHYSPROP	1.3E+01	4.2E+00	1.0E+01	2.1E+02	EPI					
Tetrabromodiphenyl ether, 2,2',4,4'-(BDE-47)	5436-43-1	4.9E+02	PHYSPROP	1.2E-04	3.0E-06	PHYSPROP	7.0E-08	EPI	1.6E+02	EPI	1.1E+00	CR89	3.1E-02	3.6E-06	EPA WATER9			1.3E+04	EPI	6.8E+00	PHYSPROP	1.5E-03	PHYSPROP	6.9E-01	5.5E+01	2.1E+02	9.3E+02	EPI					
Tetrachlorobenzene, 1,2,4,5-	95-94-3	2.2E+02	PHYSPROP	4.1E-02	1.0E-03	PHYSPROP	9.4E-03	EPI	1.4E+02	PHYSPROP	1.9E+00	CR89	3.2E-02	8.8E-06	EPA WATER9			2.2E+03	EPI	4.6E+00	PHYSPROP	6.0E-01	PHYSPROP	7.6E-01	1.7E+00	6.7E+00	1.2E+02	EPI					
Tetrachloroethane, 1,1,1,2-	630-20-6	1.7E+02	PHYSPROP	1.0E-01	2.5E-03	PHYSPROP	1.2E+01	PHYSPROP	-7.0E+01	PHYSPROP	1.5E+00	CR89	4.8E-02	9.1E-06	EPA WATER9			8.6E+01	EPI	2.9E+00	PHYSPROP	1.1E+03	PHYSPROP	7.9E+02	9.2E+01	2.2E+00	1.6E+02	EPI					
Tetrachloroethane, 1,1,2,2-	79-34-5	1.7E+02	PHYSPROP	1.5E-02	3.7E-04	PHYSPROP	4.6E+00	PHYSPROP	-4.4E+01	PHYSPROP	1.6E+00	CR89	4.9E-02	9.3E-06	EPA WATER9			9.5E+01	EPI	2.4E+00	PHYSPROP	2.8E+03	PHYSPROP	1.7E+02	9.2E+01	2.2E+00	6.9E+03	EPI					
Tetrachloroethylene	127-18-4	1.7E+02	PHYSPROP	7.2E-01	1.8E-02	PHYSPROP	1.9E+01	PHYSPROP	-2.2E+01	PHYSPROP	1.6E+00	CR89	5.0E-02	9.5E-06	EPA WATER9			9.5E+01	EPI	3.4E+00	PHYSPROP	2.1E+02	PHYSPROP	1.5E+01	8.9E+01	2.1E+00	3.3E+02	EPI					
Tetrachloroethene, 2,3,4,6-	58-90-2	2.3E+02	PHYSPROP	3.6E-04	8.8E-06	EPI	6.7E-04	EPI	7.0E+01	EPI	1.4E+00	CR89	5.0E-02	5.9E-06	EPA WATER9			3.0E+03	EPI	4.5E+00	PHYSPROP	2.3E+01	PHYSPROP	4.2E+01	2.1E+00	5.0E+00	7.1E+02	EPI					
Tetrachlorotoluene, p-alpha, alpha, alpha-	5216-25-1	2.3E+02	PHYSPROP	7.9E-03	1.9E-04	PHYSPROP	3.8E-02	EPI	4.0E+01	EPI	1.4E+00	CR89	2.8E-02	7.3E-06	EPA WATER9			1.6E+03	EPI	4.5E+00	PHYSPROP	4.0E+00	PHYSPROP	4.2E+01	2.0E+00	4.8E+00	8.4E+02	EPI					
Tetraethyl Dithiopyrophosphate	3689-24-5	3.2E+02	PHYSPROP	1.8E-04	4.5E-06	EPI	1.1E-04	PHYSPROP	-3.2E+01	EPI	1.2E+00	CR89	2.1E-02	5.3E-06	EPA WATER9			2.7E+02	EPI	4.0E+00	PHYSPROP	3.0E+01	PHYSPROP	7.5E+02	6.7E+00	1.6E+01	1.1E+02	EPI					
Tetrafluoroethane, 1,1,1,2-	811-97-2	1.0E+02	PHYSPROP	2.0E+00	5.0E-02	PHYSPROP	5.0E+03	PHYSPROP	-1.0E+02	PHYSPROP	1.2E+00	CR89	8.2E-02	1.1E-05	EPA WATER9			8.6E+01	EPI	1.7E+00	PHYSPROP	2.0E+03	PHYSPROP	2.1E+01	3.9E+01	9.4E+01	5.5E+03	EPI					
Tetyl (Trinitrophenylmethyl)nitramine	479-45-8	2.9E+02	PHYSPROP	1.1E-07	2.7E-09	PHYSPROP	5.7E-08	PHYSPROP	1.3E+02	PHYSPROP	1.6E+00	CR89	2.6E-02	6.7E-06	EPA WATER9			4.6E+03	EPI	1.6E+00	PHYSPROP	7.4E+01	PHYSPROP	3.1E+03	4.3E+00	1.0E+01	4.7E+04	EPI					
Thallium (I) Nitrate	10102-45-1	2.7E+02	PHYSPROP						2.1E+02	PHYSPROP	5.6E+00	CR89											9.6E+04	PHYSPROP	6.3E+03	3.3E+00	7.9E+00	1.0E+03	RAGSE				
Thallium (Soluble Salts)	7440-28-0	2.1E+02	PHYSPROP						3.0E+02	PHYSPROP	1.2E+01	CR89											5.5E+03	CR89	5.5E+03	1.5E+00	3.6E+00	1.0E+03	RAGSE				
Thallium Acetate	563-68-8	2.6E+02	PHYSPROP						1.3E+02	CR89	3.7E+00	CR89	3.9E-02	1.2E-05	EPA WATER9			7.1E+01	SSL	-1.7E-01	PHYSPROP	2.8E+04	PHYSPROP	2.5E+04	3.1E+00	7.5E+00	4.0E+05	EPI					
Thallium Carbonate	6533-73-9	4.7E+02	PHYSPROP				5.8E+00	PHYSPROP	2.7E+02	PHYSPROP	7.1E+00	CR89	3.9E-02	1.2E-05	EPA WATER9			8.6E+01	PHYSPROP	-8.6E-01	PHYSPROP	5.2E+04	PHYSPROP	8.2E+06	4.4E+01	1.1E+02	9.8E+07	EPI					
Thallium Chloride	7791-12-0	2.4E+02	PHYSPROP						4.3E+02	PHYSPROP	7.0E+00	CR89	3.9E-02	1.8E-05	EPA WATER9			6.1E+02	EPI	1.7E+00	PHYSPROP	2.9E+03	PHYSPROP	6.0E+06	2.3E+00	5.6E+00	1.0E+03	RAGSE					
Thallium Sulfate	7446-18-6	5.0E+02	PHYSPROP						6.3E+02	PHYSPROP	6.8E+00	CR89											5.5E+04	CR89	8.6E+03	7.1E+01	1.7E+02	1.0E+03	RAGSE				
Thiessulfuron-methyl	79277-27-3	3.9E+02	PHYSPROP	1.7E-12	4.1E-14	PHYSPROP	1.3E-10	PHYSPROP	1.8E+02	PHYSPROP	1.2E+00	CR89	3.6E-02	4.2E-06	EPA WATER9			5.1E+01	EPI	1.6E+00	PHYSPROP	2.2E+03	PHYSPROP	8.6E+04	1.6E+01	3.7E+01	1.1E+04	EPI					
Thiencarb	28249-77-6	2.6E+02	PHYSPROP	1.0E-																													

Regional Screening Level (RSL) Chemical-specific Parameters Supporting Table November 2015

Contaminant		Molecular Weight		Volatility Parameters						Melting Point		Density		Diffusivity in Air and Water			Soil Partition Coefficients				Water Partition		Water Solubility		Tapwater Dermal Parameters				
Analyte	CAS No.	MW	MW Ref	H ¹ (unitless)	HLC (atm-m ³ /mole)	H ¹ and HLC Ref	VP	VP Ref	MP	MP Ref	Density (g/cm ³)	Density Ref	Di (cm ² /s)	Diw (cm ² /s)	D ₀ and D _w Ref	K _d (L/kg)	K _{oc} Ref	K _{oc} (L/kg)	K _{oc} Ref	log K _{ow} (unitless)	log K _{ow} Ref	S (mg/L)	S Ref	B (unitless)	T _{event} (hr/event)	t* (hr)	K _p (cm/hr)	K _{PRF}	
Trifluralin	1582-09-8	3.4E+02	PHYSPROP	4.2E-03	1.0E-04	PHYSPROP	4.6E-05	PHYSPROP	4.9E+01	PHYSPROP	1.4E+00	PubChem	2.2E-02	5.6E-06	EPA WATER9			1.6E+04	EPI	5.3E+00	PHYSPROP	1.8E-01	PHYSPROP	5.1E-01	7.9E+00	1.9E+01	7.3E-02	EPI	
Trimethyl Phosphate	512-56-1	1.4E+02	PHYSPROP	2.9E-07	7.2E-09	PHYSPROP	8.5E-01	EPI	-4.6E+01	PHYSPROP	1.2E+00	CRB9	5.8E-02	8.8E-06	EPA WATER9			1.1E+01	EPI	-6.5E-01	PHYSPROP	5.0E+05	PHYSPROP	4.3E-04	6.4E-01	1.5E+00	9.5E-05	EPI	
Trimethylbenzene, 1,2,3	526-73-8	1.2E+02	PHYSPROP	1.8E-01	4.4E-03	PHYSPROP	1.7E+00	PHYSPROP	-2.5E+01	PHYSPROP	8.9E-01	CRB9	6.1E-02	8.0E-06	EPA WATER9			6.3E+02	EPI	3.7E+00	PHYSPROP	7.5E+01	PHYSPROP	3.8E-01	5.0E-01	1.2E+00	9.0E-02	EPI	
Trimethylbenzene, 1,2,4	95-63-6	1.2E+02	PHYSPROP	2.5E-01	6.2E-03	PHYSPROP	2.1E+00	PHYSPROP	-4.4E+01	PHYSPROP	8.8E-01	CRB9	6.1E-02	7.9E-06	EPA WATER9			6.1E+02	EPI	3.6E+00	PHYSPROP	5.7E+01	PHYSPROP	3.6E-01	5.0E-01	1.2E+00	8.6E-02	EPI	
Trimethylbenzene, 1,3,5	108-67-8	1.2E+02	PHYSPROP	3.6E-01	8.8E-03	PHYSPROP	2.5E+00	PHYSPROP	-4.5E+01	PHYSPROP	8.6E-01	CRB9	6.0E-02	7.8E-06	EPA WATER9			6.0E+02	EPI	3.4E+00	PHYSPROP	4.8E+01	PHYSPROP	2.6E-01	5.0E-01	1.2E+00	6.2E-02	EPI	
Trimethylpentene, 2,4,4	25167-70-8	1.1E+02	PHYSPROP	3.0E+01	7.5E-01	PHYSPROP	7.1E+01	PHYSPROP	-8.4E+01	EPI	7.2E-01	PubChem	6.0E-02	7.3E-06	EPA WATER9			2.4E+02	EPI	4.1E+00	PHYSPROP	4.0E+00	PHYSPROP	7.7E-01	4.5E-01	1.7E+00	1.9E-01	RAGSE	
Trinitrobenzene, 1,3,5	99-35-4	2.1E+02	PHYSPROP	2.7E-07	6.5E-09	EPI	6.4E-06	EPI	1.2E+02	PHYSPROP	1.5E+00	CRB9	2.9E-02	7.7E-06	EPA WATER9			1.7E+03	EPI	1.2E+00	PHYSPROP	2.8E-02	PHYSPROP	3.4E-03	2.0E+00	3.9E+00	6.1E-04	EPI	
Trinitrotoluene, 2,4,6	118-96-7	2.3E+02	PHYSPROP	8.5E-07	2.1E-08	EPI	8.0E-06	PHYSPROP	8.0E+01	PHYSPROP	1.7E+00	CRB9	3.0E-02	7.9E-06	EPA WATER9			2.8E+03	EPI	1.6E+00	PHYSPROP	1.2E-02	PHYSPROP	5.6E-03	2.0E+00	4.7E+00	9.6E-04	EPI	
Triphenylphosphine Oxide	791-28-6	2.8E+02	PHYSPROP	2.2E-08	5.3E-10	PHYSPROP	2.6E-09	EPI	1.6E+02	PHYSPROP	1.2E+00	CRB9	2.3E-02	5.8E-06	EPA WATER9			2.0E+03	EPI	2.8E+00	PHYSPROP	6.3E+01	PHYSPROP	2.1E-02	3.8E+00	9.1E+00	3.3E-03	EPI	
Tris(1,3-Dichloro-2-propyl) Phosphate	13674-87-8	4.3E+02	PHYSPROP	1.1E-07	2.6E-09	PHYSPROP	7.4E-08	PHYSPROP	2.7E+01	PHYSPROP	2.3E+00	PubChem	3.3E-02	3.9E-06	EPA WATER9			1.1E+04	EPI	3.7E+00	PHYSPROP	7.0E+00	PHYSPROP	1.3E-02	2.7E+01	6.5E+01	1.6E-03	EPI	
Tris(1-chloro-2-propyl)phosphate	13674-84-5	3.3E+02	PHYSPROP	2.4E-06	6.0E-08	PHYSPROP	2.0E-05	PHYSPROP	-4.0E+01	PHYSPROP	1.4E+00	CRB9	4.0E-02	4.7E-06	EPA WATER9			1.6E+03	EPI	2.6E+00	PHYSPROP	1.2E+03	PHYSPROP	8.4E-03	7.2E+00	1.7E+01	1.2E-03	EPI	
Tris(2,3-dibromopropyl)phosphate	126-72-7	7.0E+02	PHYSPROP	8.9E-04	2.2E-05	EPI	1.9E-04	PHYSPROP	5.5E+00	PHYSPROP	2.3E+00	PubChem	1.9E-02	4.9E-06	EPA WATER9			9.7E+03	EPI	4.3E+00	PHYSPROP	8.0E+00	PHYSPROP	1.4E-03	8.5E+02	2.0E+03	1.4E-04	EPI	
Tris(2-chloroethyl)phosphate	115-96-8	2.9E+02	PHYSPROP	1.3E-04	3.3E-06	EPI	6.1E-02	PHYSPROP	-5.5E+01	PHYSPROP	1.4E+00	CRB9	2.4E-02	6.2E-06	EPA WATER9			3.9E+02	EPI	1.4E+00	PHYSPROP	7.0E+02	PHYSPROP	2.3E-03	4.2E+00	1.0E+01	3.6E-04	EPI	
Tris(2-ethylhexyl)phosphate	78-42-2	4.3E+02	PHYSPROP	3.2E-06	7.9E-08	EPI	8.3E-08	PHYSPROP	-7.4E+01	PHYSPROP	9.9E-01	CRB9	1.6E-02	3.9E-06	EPA WATER9			2.5E+06	EPI	9.5E+00	PHYSPROP	6.0E-01	PHYSPROP	9.3E+01	2.9E+01	1.3E+02	1.2E+01	EPI	
Tungsten	7440-33-7	1.8E+02	PHYSPROP	0.0E+00			0.0E+00	NIOSH	3.4E+03	PHYSPROP	1.9E+01	CRB9				1.5E+02	BAES							5.2E-03	1.1E+00	2.7E+00	1.0E-03	RAGSE	
Uranium (Soluble Salts)	NA	2.4E+02	CRB9				0.0E+00	NIOSH	1.1E+03	CRB9	1.9E+01	CRB9				4.5E+02	BAES							5.9E-03	2.3E+00	5.4E+00	1.0E-03	RAGSE	
Urethane	51-79-6	8.9E+01	PHYSPROP	2.6E-06	6.4E-08	EPI	2.6E-01	EPI	4.9E+01	PHYSPROP	9.9E-01	CRB9	8.5E-02	1.0E-05	EPA WATER9			1.2E+01	EPI	-1.5E-01	PHYSPROP	4.8E+05	PHYSPROP	1.4E-03	3.3E-01	8.0E-01	3.9E-04	EPI	
Vanadium Pentoxide	1314-62-1	1.8E+02	EPI				0.0E+00	NIOSH	6.8E+02	CRB9	3.4E+00	CRB9												5.2E-03	1.1E+00	2.6E+00	1.0E-03	RAGSE	
Vanadium and Compounds	7440-62-2	5.1E+01	EPI						1.9E+03	CRB9	6.0E+00	CRB9				1.0E+03	SSL							2.7E-03	2.0E-01	4.9E-01	1.0E-03	RAGSE	
Vermolate	1929-77-7	2.0E+02	PHYSPROP	1.3E-03	3.1E-05	EPI	1.0E-02	PHYSPROP	7.1E+01	EPI	9.5E-01	CRB9	2.4E-02	6.1E-06	EPA WATER9			3.0E+02	EPI	3.8E+00	PHYSPROP	9.0E+01	PHYSPROP	2.2E-01	1.4E+00	3.5E+00	4.0E-02	EPI	
Vinclozolin	50471-44-8	2.9E+02	PHYSPROP	1.7E-07	1.7E-08	EPI	1.2E-07	PHYSPROP	1.1E+02	PHYSPROP	1.5E+00	CRB9	2.5E-02	6.5E-06	EPA WATER9			2.8E+02	EPI	3.1E+00	PHYSPROP	2.6E+00	PHYSPROP	2.9E-02	4.2E+00	1.0E+01	4.5E-03	EPI	
Vinyl Acetate	108-05-4	8.6E+01	PHYSPROP	2.1E-02	5.1E-04	EPI	9.0E-01	PHYSPROP	-9.3E+01	PHYSPROP	9.3E-01	CRB9	8.5E-02	1.0E-05	EPA WATER9			5.6E+00	EPI	7.3E-01	PHYSPROP	2.0E+04	PHYSPROP	5.6E-03	3.2E-01	7.7E-01	1.6E-03	EPI	
Vinyl Bromide	593-60-2	1.1E+02	PHYSPROP	5.0E-01	1.2E-02	PHYSPROP	1.0E+03	PHYSPROP	-1.4E+02	PHYSPROP	1.5E+00	CRB9	8.6E-02	1.2E-05	EPA WATER9			2.2E+01	EPI	1.6E+00	PHYSPROP	7.6E-03	PHYSPROP	1.7E-02	4.2E-01	1.0E+00	4.4E-03	EPI	
Vinyl Chloride	75-01-4	6.2E+01	PHYSPROP	1.1E+00	2.8E-02	PHYSPROP	3.0E+03	EPI	-1.5E+02	PHYSPROP	9.1E-01	CRB9	1.1E-01	1.2E-05	EPA WATER9			2.2E+01	EPI	1.6E+00	PHYSPROP	8.8E+03	PHYSPROP	2.5E-02	2.4E-01	5.7E-01	8.4E-03	EPI	
Warfarin	81-81-2	3.1E+02	PHYSPROP	1.1E-07	2.8E-09	EPI	1.2E-07	PHYSPROP	1.6E+02	PHYSPROP	1.9E+01	CRB9	4.2E-02	4.9E-06	EPA WATER9			4.3E+02	EPI	2.7E+00	PHYSPROP	1.7E+01	PHYSPROP	1.2E-02	5.6E+00	1.3E+01	1.8E-03	EPI	
Xylene, p-	106-42-3	1.1E+02	PHYSPROP	2.8E-01	6.9E-03	PHYSPROP	8.8E+00	PHYSPROP	1.3E+01	PHYSPROP	8.6E-01	CRB9	6.8E-02	8.4E-06	EPA WATER9			3.8E+02	EPI	3.2E+00	PHYSPROP	1.6E+02	PHYSPROP	2.0E-01	4.1E-01	9.9E-01	3.9E-02	EPI	
Xylene, m-	108-38-3	1.1E+02	PHYSPROP	2.9E-01	7.2E-03	PHYSPROP	8.3E+00	PHYSPROP	-4.8E+01	PHYSPROP	8.6E-01	CRB9	6.8E-02	8.4E-06	EPA WATER9			3.8E+02	EPI	3.2E+00	PHYSPROP	1.6E+02	PHYSPROP	2.1E-01	4.1E-01	9.9E-01	5.3E-02	EPI	
Xylene, o-	95-47-6	1.1E+02	PHYSPROP	2.1E-01	5.2E-03	PHYSPROP	6.6E+00	PHYSPROP	-2.5E+01	PHYSPROP	8.8E-01	CRB9	6.9E-02	8.5E-06	EPA WATER9			3.8E+02	EPI	3.1E+00	PHYSPROP	1.8E+02	PHYSPROP	1.9E-01	4.1E-01	9.9E-01	4.7E-02	EPI	
Xylenes	1330-20-7	1.1E+02	PHYSPROP	2.7E-01	6.6E-03	PHYSPROP	8.0E+00	PHYSPROP	-2.5E+01	EPI	8.6E-01	ATSDR Profile	6.9E-02	8.5E-06	EPA WATER9			3.8E+02	EPI	3.2E+00	PHYSPROP	1.1E+02	PHYSPROP	2.0E-01	4.1E-01	9.9E-01	5.0E-02	EPI	
Zinc Phosphide	1314-84-7	2.6E+02	CRB9						1.2E+03	CRB9	4.6E+00	CRB9												3.7E-03	2.9E+00	7.0E+00	6.0E-04	RAGSE	
Zinc and Compounds	7440-66-6	6.5E+01	PHYSPROP						4.2E+02	PHYSPROP	7.1E+00	CRB9				6.2E+01	SSL							1.9E-03	2.4E-01	5.9E-01	6.0E-04	RAGSE	
Zineb	12122-67-7	2.8E+02	PHYSPROP	1.1E-07	2.7E-09	PHYSPROP	7.5E-08	PHYSPROP	1.6E+02	EPI	1.6E+00	EPI	4.5E-02	5.2E-06	EPA WATER9			1.3E+03	EPI	1.3E+00	PHYSPROP	1.0E+01	PHYSPROP	2.1E-03	3.7E+00	8.8E+00	3.3E-04	EPI	
Zirconium	7440-67-7	9.1E+01	EPI				0.0E+00	NIOSH	1.9E+03	CRB9	6.5E+00	CRB9				3.0E+03	BAES							3.7E-03	3.4E-01	8.2E-01	1.0E-03	RAGSE	