

Key: I = IRIS; P = PPRVT; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRVT SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; 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) <sup>1</sup>	k <sub>e</sub> <sup>y</sup>	IUR (ug/m <sup>3</sup> -y) <sup>1</sup>	k <sub>e</sub> <sup>y</sup>	RfD <sub>o</sub> (mg/kg-day)	k <sub>e</sub> <sup>y</sup>	RfC <sub>i</sub> (mg/m <sup>3</sup> -y)	k <sub>e</sub> <sup>y</sup>	V <sub>o</sub>	muta-gen	GIABS	ABS	C <sub>sat</sub> (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m <sup>3</sup> )	key	Industrial Air (ug/m <sup>3</sup> )	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)		
		2.2E-06	I	1.2E-03	O					1	0.1	1.1E+05	Acetophate	30560-19-1	7.6E+00	n	9.8E+01	n					2.4E+00	n		5.3E-04	n			
				2.0E-02	I					1	0.1		Acetaldehyde	75-07-0	8.2E+00	n	3.4E+01	n	9.4E-01	n	3.9E+00	n	1.9E+00	n		3.8E-04	n			
										1	0.1		Acetochlor	34256-82-1	1.3E+02	n	1.6E+03	n					3.5E+01	n		2.8E-02	n			
				9.0E-01	I	3.1E+01	A	V		1		1.1E+05	Acetone	67-64-1	6.1E+03	n	6.7E+04	n	3.2E+03	n	1.4E+04	n	1.4E+03	n		2.9E-01	n			
						2.0E-03	X			1	0.1		Acetone Cyanohydrin	75-86-5	2.8E+05	nm	1.2E+06	nm	2.1E-01	n	8.8E-01	n		n						
						6.0E-02	I	V		1		1.3E+05	Acetonitrile	75-05-8	8.1E+01	n	3.4E+02	n	6.3E+00	n	2.6E+01	n	1.3E+01	n		2.6E-03	n			
3.8E+00	C	1.3E-03	C	1.0E-01	I					1		2.5E+03	Acetophenone	98-86-2	7.8E+02	n	1.2E+04	ns								5.8E-02	n			
				5.0E-04	I	2.0E-05	I	V		1	0.1	2.3E+04	Acetylaminofluorene, 2-Acrolein	53-96-3	1.4E-01	c	6.0E-01	c	2.2E-03	c	9.4E-03	c	1.6E-02	c		7.2E-05	c			
										1			Acrylamide	79-06-1	2.4E-01	c*	4.6E+00	c*	1.0E-02	c*	1.2E-01	c*	5.0E-02	c*		1.1E-05	c*			
5.0E-01	I	1.0E-04	I	2.0E-03	I	6.0E-03	I	M		1	0.1	1.1E+05	Acrylic Acid	79-10-7	9.9E+00	n	4.2E+01	n	1.0E-01	n	4.4E-01	n	2.1E-01	n		4.2E-05	n			
5.4E-01	I	6.8E-05	I	4.0E-02	A	2.0E-03	I	V		1		1.1E+04	Acrylonitrile	107-13-1	2.5E-01	c**	1.1E+00	c**	4.1E-02	c**	1.8E-01	c**	5.2E-02	c**		1.1E-05	c**			
						6.0E-03	P			1	0.1		Adiponitrile	111-69-3	8.5E+05	nm	3.6E+06	nm	6.3E-01	n	2.6E+00	n								
5.6E-02	C			1.0E-02	I					1	0.1		Alachlor	15972-60-8	9.7E+00	c**	4.1E+01	c*					1.1E+00	c*	2.0E+00	8.7E-04	c*	1.6E-03		
				1.0E-03	I					1	0.1		Aldicarb	116-06-3	6.3E+00	n	8.2E+01	n									4.9E-04	n	7.5E-04	
										1	0.1		Aldicarb Sulfone	1646-88-4	6.3E+00	n	8.2E+01	n							2.0E+00	n	2.0E+00	4.4E-04	n	4.4E-04
1.7E+01	I	4.9E-03	I	3.0E-05	I			V		1		1.1E+05	Aldicarb sulfoxide	1646-87-3											4.0E+00	1.5E-04	c*	8.8E-04		
										1		1.4E+03	Aldrin	309-00-2	3.9E-02	c**	1.8E-01	c*	5.7E-04	c	2.5E-03	c	9.2E-04	c*		4.2E-06	n			
2.1E-02	C	6.0E-06	C	5.0E-03	I	1.0E-04	X	V		1		1.1E+05	Allyl Alcohol	107-18-6	3.5E-01	n	1.5E+00	n	1.0E-02	n	4.4E-02	n	2.1E-02	n		6.7E-05	n			
						1.0E-03	I	V		1		1.4E+03	Allyl Chloride	107-05-1	1.7E-01	n	6.9E-01	n	1.0E-01	n	4.4E-01	n	2.1E-01	n		3.0E+03	n			
				1.0E+00	P	5.0E-03	P			1			Aluminum	7429-90-5	7.7E+03	n	1.1E+05	nm	5.2E-01	n	2.2E+00	n	2.0E+03	n						
2.1E+01	C	6.0E-03	C	4.0E-04	I					1			Aluminum Phosphide	20859-73-8	3.1E+00	n	4.7E+01	n							8.0E-01	n				
				9.0E-03	I					1	0.1		Ametryn	834-12-8	5.7E+01	n	7.4E+02	n							1.5E+01	n	1.6E-02	n		
										1	0.1		Aminobiphenyl, 4-	92-67-1	2.6E-02	c	1.1E-01	c	4.7E-04	c	2.0E-03	c	3.0E-03	c		1.5E-05	c			
				8.0E-02	P					1	0.1		Aminophenol, m-	591-27-5	5.1E+02	n	6.6E+03	n							1.6E+02	n	6.1E-02	n		
				4.0E-03	X					1	0.1		Aminophenol, o-	95-55-6	2.5E+01	n	3.3E+02	n							7.9E+00	n	3.0E-03	n		
				2.0E-02	P					1	0.1		Aminophenol, p-	123-30-8	1.3E+02	n	1.6E+03	n							4.0E+01	n	1.5E-02	n		
				2.5E-03	I					1	0.1		Amitraz	33089-61-1	1.6E+01	n	2.1E+02	n							8.2E-01	n	4.2E-01	n		
						5.0E-01	I	V		1		1.4E+04	Ammonia	7664-41-7					5.2E+01	n	2.2E+02	n				n				
										1			Ammonium Sulfamate	7773-06-0	1.6E+03	n	2.3E+04	n							4.0E+02	n				
5.7E-03	I	1.6E-06	C	7.0E-03	P	1.0E-03	I			1	0.1		Amyl Alcohol, tert-	75-85-4	8.2E+00	n	3.4E+01	n	3.1E-01	n	1.3E+00	n	6.3E-01	n		1.3E-04	n			
4.0E-02	P			2.0E-03	X					1	0.1		Aniline	62-53-3	4.4E+01	n	4.0E+02	c**	1.0E-01	n	4.4E-01	n	1.3E+01	c**		4.6E-03	c**			
										1			Anthraquinone, 9,10-	84-65-1	1.3E+01	n	5.7E+01	c**							1.4E+00	c**	1.4E-02	c**		
				4.0E-04	I				0.15				Antimony (metallic)	7440-36-0	3.1E+00	n	4.7E+01	n							7.8E-01	n	6.0E+00	3.5E-02	n	2.7E-01
				5.0E-04	H				0.15				Antimony Pentoxide	1314-60-9	3.9E+00	n	5.8E+01	n							9.7E-01	n				
				4.0E-04	H				0.15				Antimony Tetroxide	1332-81-6	3.1E+00	n	4.7E+01	n							7.8E-01	n				
1.5E+00	I	4.3E-03	I	2.0E-04	I				0.15		0.03		Antimony Trioxide	1309-64-4	2.8E+04	n	1.2E+05	nm	2.1E-02	n	8.8E-02	n								
				3.0E-04	I	1.5E-05	C			1			Arsenic, Inorganic	7440-38-2	6.8E-01	c**R	3.0E+00	c**R	6.5E-04	c**	2.9E-03	c**	5.2E-02	c*	1.0E+01	1.5E-03	c*	2.9E-01		
				3.5E-06	C	5.0E-05	I			1			Arsine	7784-42-1	2.7E-02	n	4.1E-01	n	5.2E-03	n	2.2E-02	n	7.0E-03	n		n				
				3.6E-02	O					1	0.1		Asulam	3337-71-1	2.3E+02	n	3.0E+03	n							7.2E+01	n	1.8E-02	n		
2.3E-01	C			3.5E-02	I					1	0.1		Atrazine	1912-24-9	2.4E+00	c*	1.0E+01	c							3.0E-01	c	2.0E-04	c	1.9E-03	
8.8E-01	C	2.5E-04	C							1	0.1		Auramine	492-80-8	6.2E-01	c	2.6E+00	c	1.1E-02	c	4.9E-02	c	6.7E-02	c		6.1E-04	c			
				4.0E-04	I					1	0.1		Avermectin B1	65195-55-3	2.5E+00	n	3.3E+01	n							8.0E-01	n	1.4E+00	n		
1.1E-01	I	3.1E-05	I	3.0E-03	A	1.0E-02	A			1	0.1		Azinphos-methyl	86-50-0	1.9E+01	n	2.5E+02	n	1.0E+00	n	4.4E+00	n	5.6E+00	n		1.7E-03	n			
										1	0.1		Azobenzene	103-33-3	5.6E+00	c	2.6E+01	c	9.1E-02	c	4.0E-01	c	1.2E-01	c		9.3E-04	c			
				1.0E+00	P	7.0E-06	P			1	0.1		Azodicarbonamide	123-77-3	8.6E+02	n	4.0E+03	n	7.3E-04	n	3.1E-03	n	2.0E+03	n		6.8E-01	n			
				2.0E-01	I	5.0E-04	H		0.07				Barium	7440-39-3	1.5E+03	n	2.2E+04	n	5.2E-02	n	2.2E-01	n	3.8E+02	n	2.0E+03	1.6E+01	n	8.2E+01		
				5.0E-03	O			V		1			Benfluralin	1861-40-1	3.9E+01	n	5.8E+02	n							2.8E+00	n	9.4E-02	n		
				5.0E-02	I					1	0.1		Benomyl	17804-35-2	3.2E+02	n	4.1E+03	n							9.7E+01	n	8.5E-02	n		
				2.0E-01	I					1	0.1		Bensulfuron-methyl	83055-99-6	1.3E+03	n	1.6E+04	n							3.9E+02	n	1.0E-01	n		
				3.0E-02	I					1	0.1		Bentazon	25057-89-0	1.9E+02	n	2.5E+03	n				</								

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Toxicity and Chemical-specific Information										Contaminant				Screening Levels						Protection of Ground Water SSLs							
SFO (mg/kg-day)	k <sub>e</sub> (y)	IUR (ug/m <sup>3</sup> -y)	RfD <sub>o</sub> (mg/kg-day)	P <sub>o</sub> (mg/m <sup>3</sup> -y)	RfC <sub>i</sub> (mg/m <sup>3</sup> -y)	k <sub>e</sub> (y)	V <sub>o</sub> (y)	mutagen	GIABS	ABS	C <sub>sat</sub> (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m <sup>3</sup> )	key	Industrial Air (ug/m <sup>3</sup> )	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)
			2.0E+00	P	2.0E-02	P	V		1			Boron Trichloride	10294-34-5	1.6E+04	n	2.3E+05	nm	2.1E+00	n	8.8E+00	n	4.2E+00	n		n		
			4.0E-02	C	1.3E-02	C	V		1			Boron Trifluoride	7637-07-2	3.1E+02	n	4.7E+03	n	1.4E+00	n	5.7E+00	n	2.6E+00	n		n		
7.0E-01	I		4.0E-03	I					1			Bromate	15541-45-4	9.9E-01	c*	4.7E+00	c					1.1E-01	c*	1.0E+01	8.5E-04	c*	7.7E-02
2.0E+00	X	6.0E-04	X				V		1		2.4E+03	Bromo-2-chloroethane, 1-	107-04-0	2.6E-02	c	1.1E-01	c	4.7E-03	c	2.0E-02	c	7.4E-03	c		2.1E-06	c	
			3.0E-04	X			V		1		9.0E+02	Bromo-3-fluorobenzene, 1-	1073-06-9	2.3E+00	n	3.5E+01	n					4.9E-01	n		4.7E-04	n	
			3.0E-04	X			V		1		3.2E+02	Bromo-4-fluorobenzene, 1-	460-00-4	2.3E+00	n	3.5E+01	n					4.6E-01	n		4.4E-04	n	
			8.0E-03	I	6.0E-02	I	V		1		6.8E+02	Bromobenzene	108-86-1	2.9E+01	n	1.8E+02	n	6.3E+00	n	2.6E+01	n	6.2E+00	n		4.2E-03	n	
					4.0E-02	X	V		1		4.0E+03	Bromochloromethane	74-97-5	1.5E+01	n	6.3E+01	n	4.2E+00	n	1.8E+01	n	8.3E+00	n		2.1E-03	n	
6.2E-02	I	3.7E-05	C	2.0E-02	I		V		1		9.3E+02	Bromodichloromethane	75-27-4	2.9E-01	c	1.3E+00	c	7.6E-02	c	3.3E-01	c	1.3E-01	c	8.0E+01(F)	3.6E-05	c	2.2E-02
7.9E-03	I	1.1E-06	I	2.0E-02	I		V		1		9.2E+02	Bromoform	75-25-2	1.9E+01	c**	8.6E+01	c*	2.6E+00	c	1.1E+01	c	3.3E+00	c*	8.0E+01(F)	8.7E-04	c*	2.1E-02
			1.4E-03	I	5.0E-03	I	V		1		3.6E+03	Bromomethane	74-83-9	6.8E-01	n	3.0E+00	n	5.2E-01	n	2.2E+00	n	7.5E-01	n		1.9E-04	n	
			5.0E-03	H			V		1			Bromophos	2104-96-3	3.9E+01	n	5.8E+02	n					3.5E+00	n		1.5E-02	n	
1.0E-01	O		1.5E-02	O			A	V	1	0.1	9.7E+02	Bromopropane, 1-	106-94-5	2.2E+01	n	9.4E+01	n	1.0E+01	n	4.4E+01	n	2.1E+01	n		6.4E-03	n	
							V		1			Bromoxynil	1689-84-5	5.3E+00	c*	2.2E+01	c*					6.1E-01	c*		5.2E-04	c*	
3.4E+00	C	3.0E-05	I	1.5E-02	O		V		1		6.7E+02	Bromoxynil Octanoate	1689-99-2	1.2E+02	n	1.8E+03	n					1.0E+01	n		9.0E-02	n	
			3.0E-02	O	2.0E-03	I	V		1	0.1		Butadiene, 1,3-	106-99-0	5.8E-02	c**	2.6E-01	c**	9.4E-02	c**	4.1E-01	c**	1.8E-02	c*		9.9E-06	c*	
							V		1	0.1		Butanoic acid, 4-(2,4-dichlorophenoxy)-	94-82-6	1.9E+02	n	2.5E+03	n					4.5E+01	n		4.2E-02	n	
2.0E-04	C	5.7E-08	C	1.0E-01	I		V		1		7.6E+03	Butanol, N-	71-36-3	7.8E+02	n	1.2E+04	ns					2.0E+02	n		4.1E-02	n	
3.6E-03	P		3.0E-01	P			V		1	0.1	2.1E+04	Butyl alcohol, sec-	78-92-2	1.3E+04	n	1.5E+05	nms	3.1E+03	n	1.3E+04	n	2.4E+03	n		5.0E-01	n	
			5.0E-02	I			V		1			Butylate	2008-41-5	3.9E+02	n	5.8E+03	n					4.6E+01	n		4.5E-02	n	
			3.0E-01	P			V		1	0.1		Butylated hydroxyanisole	25013-16-5	2.7E+03	c	1.1E+04	c	4.9E+01	c	2.2E+02	c	1.5E+02	c		2.9E-01	c	
			5.0E-02	P			V		1	0.1		Butylated hydroxytoluene	128-37-0	1.5E+02	c*	6.4E+02	c*					3.4E+00	c*		1.0E-01	c	
			1.0E-01	X			V		1	1.1E+02		Butylbenzene, n-	104-51-8	3.9E+02	ns	5.8E+03	ns					1.0E+02	n		3.2E-01	n	
			1.0E-01	X			V		1	1.5E+02		Butylbenzene, sec-	135-98-8	7.8E+02	ns	1.2E+04	ns					2.0E+02	n		5.9E-01	n	
			1.0E-01	X			V		1	1.8E+02		Butylbenzene, tert-	98-06-6	7.8E+02	ns	1.2E+04	ns					6.9E+01	n		1.6E-01	n	
			2.0E-02	A					1	0.1		Cacodylic Acid	75-60-5	1.3E+02	n	1.6E+03	n					4.0E+01	n		1.1E-02	n	
1.8E-03	I	1.0E-03	I	1.0E-05	A				0.025	0.001		Cadmium (Diet)	7440-43-9	7.1E+00	n	9.8E+01	n							5.0E+00	6.9E-02	n	3.8E-01
1.8E-03	I	5.0E-04	I	1.0E-05	A				0.05	0.001		Cadmium (Water)	7440-43-9	3.1E+03	n	4.0E+04	n	2.3E-01	n	4.4E-03	n	9.2E-01	n		2.5E-01	n	
			5.0E-01	I	2.2E-03	C			1	0.1		Caprolactam	105-60-2	3.1E+03	n	4.0E+04	n					9.9E+02	n				
1.5E-01	C	4.3E-05	C	2.0E-03	I				1	0.1		Captafol	2425-06-1	3.6E+00	c**	1.5E+01	c*	6.5E-02	c	2.9E-01	c	4.0E-01	c**		7.1E-04	c**	
2.3E-03	C	6.6E-07	C	1.3E-01	I				1	0.1		Captan	133-06-2	2.4E+02	c**	1.0E+03	c*	4.3E+00	c	1.9E+01	c	3.1E+01	c**		2.2E-02	c**	
			1.0E-01	I					1	0.1		Carbaryl	63-25-2	6.3E+02	n	8.2E+03	n					1.8E+02	n		1.7E-01	n	
5.0E-03	I								1	0.1		Carbofuran	15663-66-2	3.2E+01	n	4.1E+02	n					9.4E+00	n	4.0E+01	3.7E-03	n	1.6E-02
7.0E-02	I	6.0E-06	I	1.0E-01	I	7.0E-01	I	V	1		7.4E+02	Carbon Disulfide	75-15-0	7.7E+01	n	3.5E+02	n	7.3E+01	n	3.1E+02	n	8.1E+01	n		2.4E-02	n	
			4.0E-03	I	1.0E-01	I	V		1		4.6E+02	Carbon Tetrachloride	56-23-5	6.5E-01	c*	2.9E+00	c*	4.7E-01	c*	2.0E+00	c*	4.6E-01	c*	5.0E+00	1.8E-04	c*	1.9E-03
							V		1		5.9E+03	Carbonyl Sulfide	463-58-1	6.7E+00	n	2.8E+01	n	1.0E+01	n	4.4E+01	n	2.1E+01	n		5.1E-02	n	
			1.0E-02	I					1	0.1		Carbosulfan	55285-14-8	6.3E+01	n	8.2E+02	n					5.1E+00	n		1.2E-01	n	
			1.0E-01	I					1	0.1		Carboxin	5234-68-4	6.3E+02	n	8.2E+03	n					1.9E+02	n		1.0E-01	n	
							V		1			Ceric oxide	1306-38-3	1.3E+05	nm	5.4E+05	nm	9.4E-02	n	3.9E-01	n				4.0E-02	n	
			1.0E-01	I			V		1	0.1		Chloral Hydrate	302-17-0	7.8E+02	n	1.2E+04	n					2.0E+02	n		7.0E-03	n	
			1.5E-02	I					1	0.1		Chloramben	133-90-4	9.5E+01	n	1.2E+03	n					2.9E+01	n				
4.0E-01	H								1	0.1		Chloranil	118-75-2	1.3E+00	c	5.7E+00	c					1.8E-01	c	2.0E+00	1.5E-04	c	
3.5E-01	I	1.0E-04	I	5.0E-04	I	7.0E-04	I	V	1	0.04		Chlordane	12789-03-6	1.7E+00	c**	7.7E+00	c**	2.8E-02	c**	1.2E-01	c**	2.0E-02	c**		2.7E-03	c**	2.7E-01
1.0E+01	I	4.6E-03	C	3.0E-04	I				1	0.1		Chlordecone (Kepone)	143-50-0	5.4E-02	c*	2.3E-01	c*	6.1E-04	c	2.7E-03	c	3.5E-03	c*		1.2E-04	c*	
			7.0E-04	A					1	0.1		Chlorfenvinphos	470-90-6	4.4E+00	n	5.7E+01	n					1.1E+00	n		3.1E-03	n	
			9.0E-02	O					1	0.1		Chlorfimeron, Ethyl-	90982-32-4	5.7E+02	n	7.4E+03	n					1.8E+02	n		6.0E-02	n	
			1.0E-01	I	1.5E-04	A	V		1		2.8E+03	Chlorine	7782-50-5	1.8E-02	n	7.8E-02	n	1.5E-02	n	6.4E-02	n	3.0E-02	n		1.4E-05	n	
			3.0E-02	I	2.0E-04	I	V		1			Chlorine Dioxide	10049-04-4	2.3E+02	n	3.4E+03	n	2.1E-02	n	8.8E-02	n	4.2E-02	n				
			3.0E-02	I					1			Chlorite (Sodium Salt)	7758-19-2	2.3E+02	n	3.5E+03	n					6.0E+01	n	1.0E+03			
							V		1		1.2E+03	Chloro-1,1-difluoroethane, 1-	75-68-3	5.4E+03	ns	2.3E+04	ns	5.2E+03	n	2.2E+04	n	1.0E+04	n		5.2E+00	n	
4.6E-01	H	3.0E-04	I																								

Key: I = IRIS; P = PPRVT; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRVT SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; 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) <sup>1</sup>	ky	IUR (ug/m <sup>3</sup> ) <sup>1</sup>	ky	RfD <sub>o</sub> (mg/kg-day)	ky	RfC <sub>1</sub> (mg/m <sup>3</sup> ) <sup>1</sup>	ky	muta- gen	GIABS	ABS	C <sub>sat</sub> (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m <sup>3</sup> )	key	Industrial Air (ug/m <sup>3</sup> )	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)		
5.0E-03	I		V								2.7E+04	Chlorophenol, 2-	95-57-8	3.9E+01	n	5.8E+02	n					9.1E+00	n		8.9E-03	n			
3.1E-03	C	8.9E-07	C	1.5E-02	I	4.0E-04	C	V	1	1	6.2E+02	Chloropicrin	76-06-2	2.0E-01	n	8.2E-01	n	4.2E-02	n	1.8E-01	n	8.3E-02	n		2.5E-05	n			
				2.0E-02	I							9.1E+02	Chloroethalonil	1897-45-6	9.5E+01	n	7.4E-02	c**	3.2E+00	c	1.4E+01	c	2.2E+01	c**		5.0E-02	c**		
				2.0E-02	X			V	1			2.5E+02	Chlorotoluene, o-	95-49-8	1.6E+02	n	2.3E+03	ns							2.4E+01	n		2.3E-02	n
2.4E+02	C	6.9E-02	C	5.0E-02	O				1	0.1	2.5E+02	Chlorotoluene, p-	106-43-4	1.6E+02	n	2.3E+03	ns							2.5E+01	n		2.4E-02	n	
											1	0.1	2.5E+02	Chlorozotocin	54749-90-5	2.3E-03	c	9.6E-03	c	4.1E-05	c	1.8E-04	c	3.2E-04	c		7.1E-08	c	
				1.0E-03	A				1	0.1		Chlorpyrifos	2921-88-2	6.3E+00	n	8.2E+01	n							8.4E-01	n		1.2E-02	n	
				1.0E-02	H				1	0.1		Chlorpyrifos Methyl	5598-13-0	6.3E+01	n	8.2E+02	n							1.2E+01	n		5.4E-02	n	
				2.0E-02	O				1	0.1		Chlorsulfuron	64902-72-3	1.3E+02	n	1.6E+03	n							3.9E+01	n		3.3E-02	n	
				1.0E-02	I				1	0.1		Chlorthal-dimethyl	1861-32-1	6.3E+01	n	8.2E+02	n							1.2E+01	n		1.5E-02	n	
				8.0E-04	H				1	0.1		Chlorthiophos	60238-56-4	5.1E+00	n	6.6E+01	n							2.8E-01	n		7.3E-03	n	
				1.5E+00	I				0.013			Chromium(III), Insoluble Salts	16065-83-1	1.2E+04	n	1.8E+05	nm							2.2E+03	n		4.0E+06	n	
5.0E-01	C	8.4E-02	S	3.0E-03	I	1.0E-04	I	M	0.025			Chromium(VI)	18540-29-9	3.0E-01	c*	6.3E+00	c*	1.2E-05	c	1.5E-04	c	3.5E-02	c		6.7E-04	c			
											0.013		Chromium, Total	7440-47-3	3.0E-01	c*	6.3E+00	c*	1.2E-05	c	1.5E-04	c	3.5E-02	c	1.0E+02			1.8E+05	
											1	0.1		Clofentezine	74115-24-5	8.2E+01	n	1.1E+03	n							2.3E+01	n		1.4E+00
9.0E-03	P	6.2E-04	I						1		Cobalt	7440-48-4	2.3E+00	n	3.5E+01	n	3.1E-04	c**	1.4E-03	c**	6.0E-01	n		2.7E-02	n				
				4.0E-02	H				1			Coke Oven Emissions	8007-45-2	3.1E+02	n	4.7E+03	n	1.6E-03	c	2.0E-02	c			8.0E+01	n	1.3E+03	2.8E+00	n	4.6E+01
				5.0E-02	I	6.0E-01	C		1	0.1		Cresol, m-	108-39-4	3.2E+02	n	4.1E+03	n	6.3E+01	n	2.6E+02	n	9.3E+01	n		7.4E-02	n			
				5.0E-02	I	6.0E-01	C		1	0.1		Cresol, o-	95-48-7	3.2E+02	n	4.1E+03	n	6.3E+01	n	2.6E+02	n	9.3E+01	n		7.5E-02	n			
				1.0E-01	A	6.0E-01	C		1	0.1		Cresol, p-	106-44-5	6.3E+02	n	8.2E+03	n	6.3E+01	n	2.6E+02	n	1.9E+02	n		1.5E-01	n			
1.9E+00	H			1.0E-01	A				1	0.1		Cresol, p-chloro-m-	59-50-7	6.3E+02	n	8.2E+03	n							1.4E+02	n		1.7E-01	n	
				1.0E-01	A	6.0E-01	C		1	0.1		Cresols	1319-77-3	6.3E+02	n	8.2E+03	n	6.3E+01	n	2.6E+02	n	1.5E+02	n		1.3E-01	n			
				1.0E-03	P		V	1			1.7E+04	Crotonaldehyde, trans-	123-73-9	3.7E-01	c*	1.7E+00	c*							4.0E-02	c*		8.2E-06	c*	
2.2E-01	C	6.3E-05	C	1.0E-01	I	4.0E-01	I	V	1	0.1	2.7E+02	Cumene	98-82-8	1.9E+02	n	9.9E+02	ns	4.2E+01	n	1.8E+02	n	4.5E+01	n		7.4E-02	n			
				8.4E-01	H						1	0.1		Cupferron	135-20-6	2.5E+00	c	1.0E+01	c	4.5E-02	c	1.9E-01	c	3.5E-01	c		6.1E-04	c	
				2.0E-03	H				1	0.1		Cyanazine	21725-46-2	6.5E-01	c*	2.7E+00	c*							8.8E-02	c*		4.1E-05	c*	
				1.0E-03	I				1			Cyanides											2.0E+00	n		n			
				5.0E-03	I				1			-Calcium Cyanide	592-01-8	7.8E+00	n	1.2E+02	n							1.0E+01	n		n		
				6.0E-04	I	8.0E-04	S	V	1		9.5E+05	-Copper Cyanide	544-92-3	3.9E+01	n	5.8E+02	n							2.0E+00	n	2.0E+02	1.5E-03	n	2.0E+00
				1.0E-03	I		V	1				-Cyanide (CN-)	57-12-5	2.3E+00	n	1.5E+01	n	8.3E-02	n	3.5E-01	n	1.5E-01	n		2.0E+00	n			
				9.0E-02	I		V	1				-Cyanogen	460-19-5	7.8E+00	n	1.2E+02	n							2.0E+00	n				
				9.0E-02	I		V	1				-Cyanogen Bromide	506-68-3	7.0E+02	n	1.1E+04	n							1.8E+02	n				
				5.0E-02	I		V	1				-Cyanogen Chloride	506-77-4	3.9E+02	n	5.8E+03	n							1.0E+02	n				
				6.0E-04	I	8.0E-04	I	V	1		1.0E+07	-Hydrogen Cyanide	74-90-8	2.3E+00	n	1.5E+01	n	8.3E-02	n	3.5E-01	n	1.5E-01	n		1.5E-03	n			
				2.0E-03	I		V	1				-Potassium Cyanide	151-50-8	1.6E+01	n	2.3E+02	n							4.0E+00	n				
				5.0E-03	I				0.04			-Potassium Silver Cyanide	506-61-6	3.9E+01	n	5.8E+02	n							8.2E+00	n		n		
				1.0E-01	I				0.04			-Silver Cyanide	506-64-9	7.8E+02	n	1.2E+04	n							1.8E+02	n		n		
				1.0E-03	I				1			-Sodium Cyanide	143-33-9	7.8E+00	n	1.2E+02	n							2.0E+00	n	2.0E+02	n		
				2.0E-04	P				1			-Thiocyanates	E1790664	1.6E+00	n	2.3E+01	n							4.0E-01	n		n		
				2.0E-04	X				1			-Thiocyanic Acid	463-56-9	1.6E+00	n	2.3E+01	n							4.0E-01	n		n		
				5.0E-02	I				1			-Zinc Cyanide	557-21-1	3.9E+02	n	5.8E+03	n							1.0E+02	n		n		
2.0E-02	X			6.0E+00	I	V			1		1.2E+02	Cyclohexane	110-82-7	6.5E+02	ns	2.7E+03	ns	6.3E+02	n	2.6E+03	n	1.3E+03	n		1.3E+00	n			
				2.0E-02	X				1	0.1		Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	2.7E+01	c**	1.1E+02	c*							2.8E+00	c*		1.6E-02	c*	
				5.0E+00	I	7.0E-01	P	V	1		5.1E+03	Cyclohexanone	108-94-1	2.8E+03	n	1.3E+04	ns	7.3E+01	n	3.1E+02	n	1.4E+02	n		3.4E-02	n			
				5.0E-03	P	1.0E+00	X	V	1		2.8E+02	Cyclohexene	110-83-8	3.1E+01	n	3.1E+02	ns	1.0E+02	n	4.4E+02	n	7.0E+00	n		4.6E-03	n			
				2.0E-01	I		V	1		2.9E+05	Cyclohexylamine	108-91-8	1.6E+03	n	2.3E+04	n							3.8E+02	n		1.0E-01	n		
				2.5E-02	I				1	0.1		Cyfluthrin	68359-37-5	1.6E+02	n	2.1E+03	n							1.2E+01	n		3.1E+00	n	
				1.0E-03	O				1	0.1		Cyhalothrin	68085-85-8	6.3E+00	n	8.2E+01	n							2.0E+00	n		1.4E+00	n	
				6.0E-02	O				1	0.1		Cypermethrin	52315-07-8	3.8E+02	n	4.9E+03	n							1.2E+02	n		1.9E+01	n	
				1.5E-02	O				1	0.1		Cymazine	66215-27-8	9.5E+01	n	1.2E+03	n							3.0E+01	n		7.6E-03	n	
2.4E-01	I	6.9E-05	C	3.0E-05	X				1	0.1		DDD, p,p' - (DDD)	72-54-8	1.9E-01	n	2.5E+00	n	4.1E-02	c	1.8E-01	c	6.3E-03	n		1.5E-03	n			
3.4E-01	I	9.7E-05																											

Key: I = IRIS; P = PPRVT; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRVT SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; 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) <sup>1</sup>	key	IUR (ug/m <sup>3</sup> ) <sup>1</sup>	key	RfD <sub>a</sub> (mg/kg-day)	key	RfC <sub>i</sub> (mg/m <sup>3</sup> ) <sup>1</sup>	key	mutagen	GIABS	ABS	C <sub>sat</sub> (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m <sup>3</sup> )	key	Industrial Air (ug/m <sup>3</sup> )	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)	
4.2E-03	P			3.0E-02	I					1	0.1	Dicamba	1918-00-9	1.9E+02	n	2.5E+03	n					5.7E+01	n			1.5E-02	n	
4.2E-03	P									1	5.5E+02	Dichloro-2-butene, 1,4-	764-41-0	2.1E-03	c	9.4E-03	c	6.7E-04	c	2.9E-03	c	1.3E-03	c			6.6E-07	c	
4.2E-03	P									1	5.2E+02	Dichloro-2-butene, cis-1,4-	1476-11-5	7.4E-03	c	3.2E-02	c	6.7E-04	c	2.9E-03	c	1.3E-03	c			6.2E-07	c	
5.0E-02	I			4.0E-03	I					1	0.1	Dichloro-2-butene, trans-1,4-	110-57-6	7.4E-03	c	3.2E-02	c	6.7E-04	c	2.9E-03	c	1.3E-03	c			6.2E-07	c	
				9.0E-02	I	2.0E-01	H	V		1		Dichloroacetic Acid	79-43-6	1.1E+01	c**	4.6E+01	c**					1.5E+00	c**	6.0E+01		3.1E-04	c**	1.2E-02
5.4E-03	C	1.1E-05	C	7.0E-02	A	8.0E-01	I	V		1		Dichlorobenzene, 1,2-	95-50-1	1.8E+02	n	9.3E+02	ns	2.1E+01	n	8.8E+01	n	3.0E+01	n	6.0E+02		3.0E-02	n	5.8E-01
4.5E-01	I	3.4E-04	C							1	0.1	Dichlorobenzene, 1,4-	106-46-7	2.6E+00	c	1.1E+02	c	2.6E-01	c	1.1E+00	c	4.8E-01	c	7.5E+01		4.6E-04	c	7.2E-02
				9.0E-03	X					1	0.1	Dichlorobenzidine, 3,3'-	91-94-1	1.2E+00	c	5.1E+00	c	8.3E-03	c	3.6E-02	c	1.3E-01	c			8.2E-04	c	
										1	0.1	Dichlorobenzophenone, 4,4'-	90-98-2	5.7E+01	n	7.4E+02	n					7.8E+00	n			4.7E-02	n	
5.7E-03	C	1.6E-06	C	2.0E-01	I	1.0E-01	X	V		1		Dichlorodifluoromethane	75-71-8	8.7E+00	n	3.7E+01	n	1.0E+01	n	4.4E+01	n	2.0E+01	n			3.0E-02	n	
9.1E-02	I	2.6E-05	I	2.0E-01	P					1		Dichloroethane, 1,1-	75-34-3	3.6E+00	c	1.6E+01	c	1.8E+00	c	7.7E+00	c	2.8E+00	c			7.8E-04	c	
				6.0E-03	X	7.0E-03	P	V		1		Dichloroethane, 1,2-	107-06-2	4.6E-01	c**	2.0E+00	c**	1.1E-01	c**	4.7E-01	c**	1.7E-01	c**	5.0E+00		4.8E-05	c**	1.4E-03
5.0E-02	I			2.0E-01	I	2.0E-01	I	V		1		Dichloroethylene, 1,1-	75-35-4	2.3E+01	n	1.0E+02	n	2.1E+01	n	8.8E+01	n	2.8E+01	n			1.0E-02	n	2.5E-03
				2.0E-03	I					1		Dichloroethylene, 1,2-cis-	156-59-2	1.6E+01	n	2.3E+02	n					3.6E+00	n	7.0E+01		1.1E-03	n	2.1E-02
				2.0E-02	I					1		Dichloroethylene, 1,2-trans-	156-60-5	1.6E+02	n	2.3E+03	ns					3.6E+01	n	1.0E+02		1.1E-02	n	3.1E-02
3.7E-02	P	3.7E-06	P	3.0E-03	I					1	0.1	Dichlorophenol, 2,4-	120-83-2	1.9E+01	n	2.5E+02	n					4.6E+00	n			2.3E-03	n	
				1.0E-02	I					1	0.05	Dichlorophenoxy Acetic Acid, 2,4-	94-75-7	7.0E+01	n	9.6E+02	n					1.7E+01	n	7.0E+01		4.5E-03	n	1.8E-02
				4.0E-02	P	4.0E-03	I	V		1		Dichloropropane, 1,2-	78-87-5	1.6E+00	n	6.6E+00	n	4.2E-01	n	1.8E+00	n	8.2E-01	n	5.0E+00		2.7E-04	n	1.7E-03
1.0E-01	I	4.0E-06	I	2.0E-02	P					1		Dichloropropane, 1,3-	142-28-9	1.6E+02	n	2.3E+03	ns					3.7E+01	n			1.3E-02	n	
2.9E-01	I	8.3E-05	C	3.0E-03	I					1	0.1	Dichloropropanol, 2,3-	616-23-9	1.9E+01	n	2.5E+02	n					5.9E+00	n			1.3E-03	n	
				3.0E-02	I	2.0E-02	I	V		1		Dichloropropene, 1,3-	542-75-6	1.8E+00	c**	8.2E+00	c**	7.0E-01	c**	3.1E+00	c**	4.7E-01	c**			1.7E-04	c**	
1.6E+01	I	4.6E-03	I	5.0E-04	I	5.0E-04	I	V		1	0.1	Dichlorvos	62-73-7	1.9E+00	c**	7.9E+00	c**	3.4E-02	c**	1.5E-01	c**	2.6E-01	c**			8.1E-05	c**	
				7.0E-05	O					1	0.1	Dicrotophos	141-66-2	4.4E-01	n	5.7E+00	n					1.4E-01	n			3.3E-05	n	
				8.0E-02	P	3.0E-04	X	V		1		Dicyclopentadiene	77-73-6	1.3E-01	n	5.4E-01	n	3.1E-02	n	1.3E-01	n	6.3E-02	n			2.2E-04	n	
				5.0E-03	I					1	0.1	Dieldrin	60-67-1	3.4E-02	c**	1.4E-01	c*	6.1E-04	c	2.7E-03	c	1.8E-03	c*			7.1E-05	c*	
				2.0E-03	P	2.0E-04	P			1	0.1	Diesel Engine Exhaust	E17136615					9.4E-03	c*	4.1E-02	c*					1.3E-02	n	
				2.0E-03	P	2.0E-04	P			1	0.1	Diethanolamine	111-42-2	1.3E+01	n	1.6E+02	n	2.1E-02	n	8.8E-02	n	4.0E+00	n			8.1E-04	n	
				3.0E-02	P	1.0E-04	P			1	0.1	Diethylene Glycol Monobutyl Ether	112-34-5	1.9E+02	n	2.4E+03	n	1.0E-02	n	4.4E-02	n	6.0E+01	n			1.3E-02	n	
				6.0E-02	P	3.0E-04	P			1	0.1	Diethylene Glycol Monoethyl Ether	111-90-0	3.8E+02	n	4.8E+03	n	3.1E-02	n	1.3E-01	n	1.2E+02	n			2.4E-02	n	
				1.0E-03	P					1	1.1E+05	Diethylformamide	617-84-5	7.8E+00	n	1.2E+02	n					2.0E+00	n			4.1E-04	n	
3.5E+02	C	1.0E-01	C							1	0.1	Diethylstilbestrol	56-53-1	1.6E-03	c	6.6E-03	c	2.8E-05	c	1.2E-04	c	5.1E-05	c			2.8E-05	c	
				8.3E-02	O					1	0.1	Difenoquat	43222-48-6	5.2E+02	n	6.8E+03	n					1.7E+02	n			2.6E+01	n	
				2.0E-02	I					1	0.1	Diflubenzuron	35367-38-5	1.3E+02	n	1.6E+03	n					2.9E+01	n			3.3E-02	n	
4.4E-02	C	1.3E-05	C	4.0E+01	I	V				1		Difluoroethane, 1,1-	75-37-6	4.8E+03	ns	2.0E+04	ns	4.2E+03	n	1.8E+04	n	8.3E+03	n			2.8E+00	n	
				3.0E+01	X	V				1		Difluoropropane, 2,2-	420-45-1	2.4E+03	ns	1.0E+04	ns	3.1E+03	n	1.3E+04	n	6.3E+03	n			1.4E+01	n	
										1		Dihydroxatrole	94-58-6	9.9E+00	c	4.5E+01	c	2.2E-01	c	9.4E-01	c	3.0E-01	c			1.9E-04	c	
				7.0E-01	P	V				1		Disopropyl Ether	108-20-3	2.2E+02	n	9.4E+02	n	7.3E+01	n	3.1E+02	n	1.5E+02	n			3.7E-02	n	
				8.0E-02	I					1	0.1	Diisopropyl Methylphosphonate	1445-75-6	6.3E+02	ns	9.3E+03	ns					1.6E+02	n			4.5E-02	n	
				2.2E-02	O					1	0.1	Dimethipin	55290-64-7	1.4E+02	n	1.8E+03	n					4.4E+01	n			9.6E-03	n	
1.6E+00	P			2.2E-03	O					1	0.1	Dimethoate	60-51-5	1.4E+01	n	1.8E+02	n					4.4E+00	n			9.9E-04	n	
1.7E-03	P			6.0E-02	P					1	0.1	Dimethoxybenzidine, 3,3'-	119-90-4	3.4E-01	c	1.4E+00	c					4.7E-02	c			5.8E-05	c	
										1	0.1	Dimethyl methylphosphonate	756-79-6	3.2E+02	c**	1.4E+03	c**					4.6E+01	c**			9.6E-03	c**	
4.6E+00	C	1.3E-03	C							1	0.1	Dimethylamino azobenzene [p-]	60-11-7	1.2E-01	c	5.0E-01	c	2.2E-03	c	9.4E-03	c	5.0E-03	c			2.1E-05	c	
5.8E-01	H									1	0.1	Dimethylaniline HCl, 2,4-	21436-96-4	9.4E-01	c	4.0E+00	c					1.3E-01	c			1.2E-04	c	
2.0E-01	P			2.0E-03	X					1	0.1	Dimethylaniline, 2,4-	95-68-1	2.7E+00	c**	1.1E+01	c*					3.7E-01	c*			2.1E-04	c*	
2.7E-02	P			2.0E-03	I					1		Dimethylaniline, N,N-	121-69-7	1.6E+01	n	1.2E+02	c**					2.5E+00	c**			9.0E-04	c**	
1.1E+01	P			1.0E-01	P	3.0E-02	I	V		1	0.1	Dimethylbenzidine, 3,3'-	119-93-7	4.9E-02	c	2.1E-01	c					6.5E-03	c			4.3E-05	c	
				1.0E-04	X	2.0E-06	X	V		1	1.9E+05	Dimethylformamide	68-12-2	2.6E+02	n	1.5E+03	n	3.1E+00	n	1.3E+01	n	6.1E+00	n			1.2E-03	n	
5.5E+02	C	1.6E-01	C							1		Dimethylhydrazine, 1,1-	57-14-7	5.7E-03	n	2.4E-02</												

Key: I = IRIS; P = PPRVT; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRVT SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; 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) <sup>1</sup>	key	IUR (ug/m <sup>3</sup> ) <sup>1</sup>	key	RfD <sub>o</sub> (mg/kg-day)	key	RfC <sub>1</sub> (mg/m <sup>3</sup> )	key	mutagen	GIABS	ABS	C <sub>sat</sub> (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m <sup>3</sup> )	key	Industrial Air (ug/m <sup>3</sup> )	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)
1.3E+05	C	3.8E+01	C	7.0E-10	I	4.0E-08	C	V	1	0.03		-TCDD, 2,3,7,8-Diphenamid	1746-01-6 957-51-7	4.8E-06 1.9E+02	c**	2.2E-05 2.5E+01	n	7.4E-08	c*	3.2E-07	c*	1.2E-07 5.3E+01	c*	3.0E-05	5.9E-08 5.2E-01	c*	1.5E-05
				4.0E-04	X	V			1	0.1		Diphenyl Ether	101-84-8	3.4E+00	n	1.4E+01	n	4.2E-02	n	1.8E-01	n	8.3E-02	n		3.4E-04	n	
				8.0E-04	X				1	0.1		Diphenyl Sulfone	127-63-9	5.1E+00	n	6.6E+01	n					1.5E+00	n		3.6E-03	n	
				1.0E-01	O				1	0.1		Diphenylamine	122-39-4	6.3E+02	n	8.2E+03	n					1.3E+02	n		2.3E-01	n	
8.0E-01	I	2.2E-04	I						1	0.1		Diphenylhydrazine, 1,2-Diquat	122-66-7 85-00-7	6.8E-01 1.4E+01	c	2.9E+00 1.8E+02	c	1.3E-02	c	5.6E-02	c	7.8E-02	c	2.0E+01	2.5E-04 8.3E-02	c	3.7E-01
7.1E+00	C	1.4E-01	C	2.2E-03	I				1	0.1		Direct Black 38	1937-37-7	7.6E-02	c	3.2E-01	c	2.0E-05	c	8.8E-05	c	1.1E-02	c		5.3E+00	c	
7.4E+00	C	1.4E-01	C						1	0.1		Direct Blue 6	2602-46-2	7.3E-02	c	3.1E-01	c	2.0E-05	c	8.8E-05	c	1.1E-02	c		1.7E+01	c	
6.7E+00	C	1.4E-01	C						1	0.1		Direct Brown 95	16071-86-6	8.1E-02	c	3.4E-01	c	2.0E-05	c	8.8E-05	c	1.2E-02	c		1.6E-01	c	
				4.0E-05	I				1	0.1		Disulfoton	298-04-4	2.5E-01	n	3.3E+00	n					5.0E-02	n		9.4E-05	n	
				1.0E-02	I		V		1			Dithiane, 1,4-Diuron	505-29-3 330-54-1	7.8E+01 1.3E+01	n	1.2E+03 1.6E+02	n					2.0E+01	n		9.7E-03	n	
				2.0E-03	I				1	0.1		Dodine	2439-10-3	1.3E+02	n	1.6E+03	n					4.0E+01	n		2.1E-01	n	
				5.0E-02	O		V		1			EPTC	759-94-4	3.9E+02	n	5.8E+03	n					7.5E+01	n		4.0E-02	n	
				6.0E-03	I		V		1			Endosulfan	115-29-7	4.7E+01	n	7.0E+02	n					1.0E+01	n		1.4E-01	n	
				2.0E-02	I				1	0.1		Endothal	145-73-3	1.3E+02	n	1.6E+03	n					3.8E+01	n	1.0E+02	9.1E-03	n	2.4E-02
9.9E-03	I	1.2E-06	I	3.0E-04	P	1.0E-03	I	V	1		1.1E+04	Endrin	72-20-8	1.9E+00	n	2.5E+01	n					2.3E-01	n	2.0E+00	9.2E-03	n	8.1E-02
				6.0E-03	P	2.0E-02	I	V	1		1.5E+04	Epichlorohydrin	106-89-8	1.9E+00	n	8.2E+00	n	1.0E-01	n	4.4E-01	n	2.0E-01	n		4.5E-05	n	
				4.0E-02	P				1	0.1		Epoxybutane, 1,2-Ethanol, 2-(2-methoxyethoxy)-	111-77-3	2.5E+02	n	3.3E+03	n					8.0E+01	n		1.6E-02	n	
				5.0E-03	I				1	0.1		Ethephon	16672-87-0	3.2E+01	n	4.1E+02	n					1.0E+01	n		2.1E-03	n	
				5.0E-04	I				1	0.1		Ethion	563-12-2	3.2E+00	n	4.1E+01	n					4.3E-01	n		8.5E-04	n	
				1.0E-01	P	6.0E-02	P	V	1		2.4E+04	Ethoxyethanol Acetate, 2-Ethoxyethanol, 2-Ethyl Acetate	111-15-9 110-80-5 141-78-6	2.6E+02 5.2E+02 6.2E+01	n n n	1.4E+03 4.7E+03 2.6E+02	n n n	6.3E+00 2.1E+01 7.3E+00	n n n	2.6E+01 8.8E+01 3.1E+01	n n n	1.2E+01 3.4E+01 1.4E+01	n n n		2.5E-03 6.8E-03 3.1E-03	n n n	
				5.0E-03	P	8.0E-03	P	V	1		2.5E+03	Ethyl Acrylate	140-88-5	4.7E+00	n	2.1E+01	n	8.3E-01	n	3.5E+00	n	1.4E+00	n		3.2E-04	n	
						1.0E+01	I	V	1		2.1E+03	Ethyl Chloride (Chloroethane)	75-00-3	1.4E+03	n	5.7E+03	ns	1.0E+03	n	4.4E+03	n	2.1E+03	n		5.9E-01	n	
				2.0E-01	I		V		1		1.0E+04	Ethyl Ether	60-29-7	1.6E+03	n	2.3E+04	ns					3.9E+02	n		8.8E-02	n	
				3.0E-01	P	V			1		1.1E+03	Ethyl Methacrylate	97-63-2	1.8E+02	n	7.6E+02	n	3.1E+01	n	1.3E+02	n	6.3E+01	n		1.5E-02	n	
1.1E-02	C	2.5E-06	C	1.0E-05	I	1.0E+00	I	V	1		4.8E+02	Ethyl-p-nitrophenyl Phosphonate	2104-64-5	6.3E-02	n	8.2E-01	n					8.9E-03	n	7.0E+02	2.8E-04	n	7.8E-01
				7.0E-02	P				1	0.1		Ethylbenzene	100-41-4	5.8E+00	c*	2.5E+01	c*	1.1E+00	c*	4.9E+00	c*	1.5E+00	c*		1.7E-03	c*	
				9.0E-02	P			V	1		1.9E+05	Ethylene Cyanohydrin	109-78-4	4.4E+02	n	5.7E+03	n					1.4E+02	n		2.8E-02	n	
				2.0E+00	I	4.0E-01	C		1	0.1		Ethylene Diamine	107-15-3	7.0E+02	n	1.1E+04	nm			4.2E+01	n	1.8E+02	n		4.1E-02	n	
				1.0E-01	I	1.6E+00	I		1	0.1		Ethylene Glycol	107-21-1	1.3E+04	n	1.6E+05	nm	4.2E+01	n	1.8E+02	n	4.0E+03	n		8.1E-01	n	
				3.1E-01	C	3.0E-03	I		1		1.2E+05	Ethylene Glycol Monobutyl Ether	111-78-2	6.3E+02	n	8.2E+03	n	1.7E+02	n	7.0E+02	n	2.0E+02	n		4.1E-02	n	
4.5E-02	C	1.3E-05	C	8.0E-05	I	3.0E-02	C	V	M			Ethylene Oxide	75-21-8	2.0E-03	c	2.5E-02	c	3.4E-04	c	4.1E-03	c	6.7E-04	c		1.4E-07	c	
6.5E+01	C	1.9E-02	C						1	0.1	1.5E+05	Ethylene Thiourea	96-45-7	5.1E-01	n	6.6E+00	n	2.2E-01	c	9.4E-01	c	1.6E-01	n		3.6E-05	n	
				3.0E+00	I				1	0.1		Ethyleneimine	151-56-4	2.7E-03	c	1.2E-02	c	1.5E-04	c	6.5E-04	c	2.4E-04	c		5.2E-08	c	
				2.5E-04	I				1	0.1		Ethylphthalyl Ethyl Glycolate	84-72-0	1.9E+04	n	2.5E+05	nm					5.8E+03	n		1.3E+01	n	
				2.5E-02	I				1	0.1		Fenamidphos	22224-92-6	1.6E+00	n	2.1E+01	n					4.4E-01	n		4.3E-04	n	
				2.5E-02	I				1	0.1		Fenprothrin	39515-41-8	1.6E+02	n	2.1E+03	n					6.4E+00	n		2.9E-01	n	
				1.3E-02	I				1	0.1		Fenvalerate	51630-58-1	1.6E+02	n	2.1E+03	n					5.0E+01	n		3.2E+01	n	
				1.3E-02	I				1	0.1		Fluometuron	2164-17-2	8.2E+01	n	1.1E+03	n					2.4E+01	n		1.9E-02	n	
				4.0E-02	C	1.3E-02	C		1			Fluoride	16984-48-8	3.1E+02	n	4.7E+03	n	1.4E+00	n	5.7E+00	n	8.0E+01	n	4.0E+03	1.2E+01	n	6.0E+02
				6.0E-02	I	1.3E-02	C		1			Fluorine (Soluble Fluoride)	7782-41-4	4.7E+02	n	7.0E+03	n	1.4E+00	n	5.7E+00	n	1.2E+02	n		1.8E+01	n	
				8.0E-02	I				1	0.1		Fluridone	59756-60-4	5.1E+02	n	6.6E+03	n					1.4E+02	n		1.6E+01	n	
				1.5E-02	O				1	0.1		Flurprimidol	56425-91-3	9.5E+01	n	1.2E+03	n					2.6E+01	n		1.2E-01	n	
				2.0E-03	O				1	0.1		Flusilazole	85509-19-9	1.3E+01	n	1.6E+02	n					3.1E+00	n		5.1E-01	n	
				5.0E-01	O				1	0.1		Flutolanil	66332-96-5	3.2E+03	n	4.1E+04	n					7.9E+02	n		4.2E+00	n	
				1.0E-02	I				1	0.1		Fluvalinate	69409-94-5	6.3E+01	n	8.2E+02	n					1.4E+01	n		2.9E+01	n	
				9.0E-02	O				1	0.1		Folpet	133-07-3	5.7E+02	n	7.4E+03	n					1.6E+02	n		3.9E-02	n	
				2.5E-03	O				1	0.1		Fomesafen	72178-02-0	1.6E+01	n	2.1E+02	n					4.8E+00	n		1.6E-02	n	
				2.0E-03	I				1	0.1		Fonofos	944-22-9	1.3E+01	n	1.6E+02	n					2.4E+00	n		4.7E-03	n	
				1.3E-05	I	2.0E-01	I	9.8E-03	A	V	4.2E+04	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+													



Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; 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) <sup>1</sup>	key	IUR (ug/m <sup>3</sup> ) <sup>1</sup>	key	RfD <sub>o</sub> (mg/kg-day)	key	RfC <sub>i</sub> (mg/m <sup>3</sup> )	key	muta- gen	GIABS	ABS	C <sub>sat</sub> (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m <sup>3</sup> )	key	Industrial Air (ug/m <sup>3</sup> )	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)	
				2.0E-02	P				1	0.1		Guanidine Chloride	50-01-1	1.3E+02	n	1.6E+03	n					4.0E+01	n				n	
				3.0E-02	X				1	0.1		Guanidine Nitrate	506-93-4	1.9E+02	n	2.5E+03	n					6.0E+01	n			1.5E-02	n	
				5.0E-05	I				1	0.1		Haloxypol, Methyl	69806-40-2	3.2E-01	n	4.1E+00	n					7.6E-02	n			8.4E-04	n	
4.5E+00	I	1.3E-03	I	5.0E-04	I		V		1		2.1E+02	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		5.8E+01	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
				3.0E-04	X	4.0E-01	P	V	1			Heptanal, n-	111-71-7	2.4E+00	n	1.0E+01	n	3.1E-01	n	1.3E+00	n	6.3E-01	n			1.4E-04	n	
				2.0E-03	I		V		1			Heptane, N-	142-82-5	2.2E+00	n	2.9E+01	n	4.2E+01	n	1.8E+02	n	6.0E-01	n			4.8E-03	n	
1.6E+00	I	4.6E-04	I	2.0E-04	I		V		1	0.1		Hexabromobenzene	87-82-1	1.6E+01	n	2.3E+02	n					4.0E+00	n			2.3E-02	n	
				2.0E-04	I		V		1			Hexabromodiphenyl ether, 2,2',4,4',5,5'-(BDE-153)	68631-49-2	1.3E+00	n	1.6E+01	n					4.0E-01	n				n	
				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-01	n	7.5E-01	n	2.1E-02	n	8.8E-02	n	4.1E-02	n	5.0E+01		1.3E-04	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+00	n	2.5E+01	n					6.0E-01	n			8.0E-01	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-01	n	1.3E+00	n	1.0E-03	n	4.4E-03	n	2.1E-03	n			2.1E-05	n	
				4.0E-04	P				1	0.1	1.4E+02	Hexamethylphosphoramide	680-31-9	2.5E+00	n	3.3E+01	n					8.0E-01	n			1.8E-04	n	
				7.0E-01	I	V			1			Hexane, N-	110-54-3	6.1E+01	n	2.5E+02	ns	7.3E+01	n	3.1E+02	n	1.5E+02	n			1.0E+00	n	
				2.0E+00	P				1	0.1		Hexanedioic Acid	124-04-9	1.3E+04	n	1.6E+05	nm					4.0E+03	n			9.9E-01	n	
				5.0E-03	I	3.0E-02	I	V	1		3.3E+03	Hexanone, 2-	591-78-6	2.0E+01	n	1.3E+02	n	3.1E+00	n	1.3E+01	n	3.8E+00	n			8.8E-04	n	
				3.3E-02	I				1	0.1		Hexazinone	51235-04-2	2.1E+02	n	2.7E+03	n					6.4E+01	n			3.0E-02	n	
				2.5E-02	I				1	0.1		Hexythiazox	78587-05-0	1.6E+02	n	2.1E+03	n					1.1E+01	n			5.0E-02	n	
				1.7E-02	O				1	0.1		Hydramethylnon	67485-29-4	1.1E+02	n	1.4E+03	n					3.4E+01	n			1.2E+04	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	
				2.0E-02	I	V			1			Hydrogen Chloride	7647-01-0	2.8E+06	nm	1.2E+07	nm	2.1E+00	n	8.8E+00	n	4.2E+00	n				n	
				4.0E-02	C	1.4E-02	C	V	1			Hydrogen Fluoride	7664-39-3	3.1E+02	n	4.7E+03	n	1.5E+00	n	6.1E+00	n	2.8E+00	n				n	
				2.0E-03	I	V			1			Hydrogen Sulfide	7783-06-4	2.8E+05	nm	1.2E+06	nm	2.1E-01	n	8.8E-01	n	4.2E-01	n				n	
6.0E-02	P			4.0E-02	P				1	0.1		Hydroquinone	129-31-9	9.0E+00	c*	3.8E+01	c*					1.3E+00	c*			8.7E-04	c*	
6.1E-02	O			2.5E-03	O				1	0.1		Imazalil	35554-44-0	8.9E+00	c**	3.8E+01	c**					9.0E-01	c**			1.5E-02	c**	
				2.5E-01	I				1	0.1		Imazaquin	81335-37-7	1.6E+03	n	2.1E+04	n					4.9E+02	n			2.4E+00	n	
				2.5E+00	O				1	0.1		Imazethapyr	81335-77-5	1.6E+04	n	2.1E+05	nm					4.7E+03	n			4.1E+00	n	
				1.0E-02	A				1			Iodine	7553-56-2	7.8E+01	n	1.2E+03	n					2.0E+01	n			1.2E+00	n	
				4.0E-02	I				1	0.1		Iprodione	36734-19-7	2.5E+02	n	3.3E+03	n					7.4E+01	n			2.2E-02	n	
				7.0E-01	P				1			Iron	7439-89-6	5.5E+03	n	8.2E+04	n					1.4E+03	n			3.5E+01	n	
				3.0E-01	I		V		1		1.0E+04	Isobutyl Alcohol	78-83-1	2.3E+03	n	3.5E+04	ns					5.9E+02	n			1.2E-01	n	
9.5E-04	I			2.0E-01	I	2.0E+00	C		1	0.1		Isophorone	78-59-1	5.7E+02	c**	2.4E+03	c**	2.1E+02	n	8.8E+02	n	7.8E+01	c**			2.6E-02	c**	
				1.5E-02	I		V		1			Isopropalin	33820-53-0	1.2E+02	n	1.8E+03	n					4.0E+00	n			9.2E-02	n	
				2.0E+00	P	2.0E-01	P	V	1		1.1E+05	Isopropanol	67-63-0	5.6E+02	n	2.4E+03	n	2.1E+01	n	8.8E+01	n	4.1E+01	n			8.4E-03	n	
				1.0E-01	I				1	0.1		Isopropyl Methyl Phosphonic Acid	1832-54-8	6.3E+02	n	8.2E+03	n					2.0E+02	n			4.3E-02	n	
				5.0E-02	I				1	0.1		Isoxaben	82558-50-7	3.2E+02	n	4.1E+03	n	3.1E+01	n	1.3E+02	n	7.3E+01	n			2.0E-01	n	
				3.0E-01	A	V			1			JP-7	E1737665	4.3E+07	nm	1.8E+08	nm					6.3E+01	n				n	
				8.0E-03	O				1	0.1		Lactofen	77501-63-4	5.1E+01	n	6.6E+02	n					1.0E+01	n			4.6E-01	n	
				2.0E-04	X				1	0.1		Lactonitrite	78-97-7	1.3E+00	n	1.6E+01	n					4.0E-01	n			8.1E-05	n	
				8.5E-03	C	1.2E-05	C		1			Lead Compounds																
				8.5E-03	C	1.2E-05	C		1	0.1		-Lead Phosphate	7446-27-7	8.2E+01	c	3.8E+02	c	2.3E-01	c	1.0E+00	c	9.1E+00	c			1.8E-03	c	
									1			-Lead acetate	301-04-2	6.4E+01	c	2.7E+02	c	2.3E-01	c	1.0E+00	c	9.2E+00	c	</				

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; 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) <sup>1</sup>	k <sub>e</sub> y <sup>-1</sup>	IUR (ug/m <sup>3</sup> ) <sup>1</sup>	k <sub>e</sub> y <sup>-1</sup>	RfD <sub>0</sub> (mg/kg-day)	k <sub>e</sub> y <sup>-1</sup>	RI <sub>0</sub> (mg/m <sup>3</sup> ) <sup>2</sup>	k <sub>e</sub> y <sup>-1</sup>	mutagen	GIABS	ABS	C <sub>sat</sub> (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m <sup>3</sup> )	key	Industrial Air (ug/m <sup>3</sup> )	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)	
1.1E-02	P			4.0E-03	P							Mercaptobenzothiazole, 2-Mercury Compounds	149-30-4	2.5E+01	n	2.1E+02	c**						6.3E+00	c**		1.8E-02	c**	
				3.0E-04	I	3.0E-04	S		0.07			-Mercury Chloride (and other Mercury salts)	7487-94-7	2.3E+00	n	3.5E+01	n	3.1E-02	n	1.3E-01	n	5.7E-01	n	2.0E+00		n		
				1.0E-04	I						3.1E+00	-Mercury (elemental)	7439-97-6	1.1E+00	n	4.6E+00	ns	3.1E-02	n	1.3E-01	n	6.3E-02	n	2.0E+00	3.3E-03	n	1.0E-01	
				8.0E-05	I					0.1		-Methyl Mercury	22967-92-6	7.8E-01	n	1.2E+01	n					2.0E-01	n			n		
				3.0E-05	I			V				-Phenylmercuric Acetate	62-38-4	5.1E-01	n	6.6E+00	n					1.6E-01	n			5.0E-05	n	
				1.0E-04	O					0.1		Merphos	150-50-5	2.3E-01	n	3.5E+00	n					6.0E-02	n			5.9E-03	n	
				6.0E-02	I					0.1		Merphos Oxide	78-48-8	6.3E-01	n	8.2E+00	n					2.8E-02	n			1.4E-04	n	
				1.0E-04	I	3.0E-02	P V				4.6E+03	Metalaxyl	57837-19-1	3.8E+02	n	4.9E+03	n					1.2E+02	n			3.3E-02	n	
				5.0E-05	I					0.1		Methacrylonitrile	126-98-7	7.5E-01	n	1.0E+01	n	3.1E+00	n	1.3E+01	n	1.9E-01	n			4.3E-05	n	
				2.0E+00	I	2.0E+01	I V				1.1E+05	Methamidophos	10265-92-6	3.2E-01	n	4.1E+00	n					1.0E-01	n			2.1E-05	n	
				1.5E-03	O					0.1		Methanone	67-56-1	1.2E+04	n	1.2E+05	nms	2.1E+03	n	8.8E+03	n	2.0E+03	n			4.1E-01	n	
4.9E-02	C	1.4E-05	C	2.5E-02	I							Methidathion	950-37-8	9.5E+00	n	1.2E+02	n					2.9E+00	n			7.1E-04	n	
				5.0E-03	I							Methomyl	16752-77-5	1.6E+02	n	2.1E+03	n					5.0E+01	n			1.1E-02	n	
				8.0E-03	P	1.0E-03	P V				1.2E+05	Methoxy-5-nitroaniline, 2-Methoxychlor	99-59-2	1.1E+01	c	4.7E+01	c	2.0E-01	c	8.8E-01	c	1.5E+00	c			5.3E-04	c	
				5.0E-03	P	2.0E-02	I V				1.1E+05	Methoxyethanol, 2-Methoxyethanol Acetate, 2-Methoxyethanol, 2-	110-49-6	1.1E+01	n	5.1E+01	n	1.0E-01	n	4.4E-01	n	2.1E-01	n	4.0E+01	2.0E-01	n	2.2E+00	
				6.0E-01	I	5.0E+00	I V				2.8E+04	Methyl Acetate	79-20-9	7.8E+03	n	1.2E+05	nms					2.0E+03	n			4.1E-01	n	
				1.0E-03	X							Methyl Acrylate	96-33-3	1.5E+01	n	6.1E+01	n	2.1E+00	n	8.8E+00	n	4.2E+00	n			8.9E-04	n	
				3.0E+00	I V						3.4E+03	Methyl Ethyl Ketone (2-Butanone)	78-93-3	2.7E+03	n	1.9E+04	n	5.2E+02	n	2.2E+03	n	5.6E+02	n			1.2E-01	n	
				1.0E-03	X							Methyl Hydrazine	60-34-4	1.0E-01	n	4.4E-01	n	2.1E+02	n	8.8E-03	n	4.2E-03	n			9.4E-07	n	
				1.4E+00	I	7.0E-01	I V				2.4E+03	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	108-10-1	3.3E+03	n	1.4E+04	ns	3.1E+02	n	1.3E+03	n	6.3E+02	n			1.4E-01	n	
				2.5E-04	I					0.1		Methyl Isocyanate	624-83-9	4.6E-01	n	1.9E+00	n	1.0E-01	n	4.4E-01	n	2.1E-01	n			5.9E-05	n	
				6.0E-02	X							Methyl Methacrylate	80-62-6	4.4E+02	n	1.9E+03	n	7.3E+01	n	3.1E+02	n	1.4E+02	n			3.0E-02	n	
				1.4E+00	I	7.0E-01	I V				2.4E+03	Methyl Parathion	298-00-0	1.6E+00	n	2.1E+01	n					4.5E-01	n			7.4E-04	n	
				6.0E-02	X							Methyl Phosphonic Acid	993-13-5	3.8E+02	n	4.9E+03	n					1.2E+02	n			2.4E-02	n	
				9.9E-02	C	2.8E-05	C				3.9E+02	Methyl Styrene (Mixed Isomers)	25013-15-4	3.2E+01	n	2.6E+02	n	4.2E+00	n	1.8E+01	n	2.3E+00	n			3.8E-03	n	
1.8E-03	C	2.6E-07	C	3.0E+00	I V					0.1	8.9E+03	Methyl methanesulfonate	66-27-3	5.5E+00	c	2.3E+01	c	1.0E-01	c	4.4E-01	c	7.9E-01	c			1.6E-04	c	
				3.0E-04	X					0.1	2.5E+03	Methyl tert-Butyl Ether (MTBE)	1634-04-4	4.7E+01	c*	2.1E+02	c*	1.1E+01	c*	4.7E+01	c*	1.4E+01	c*			3.2E-03	c*	
				2.0E-02	X					0.1	2.5E+03	Methyl-1,4-benzenediamine dihydrochloride, 2-Methyl-2-Pentanol, 4-Methyl-5-Nitroaniline, 2-	615-45-2	1.9E+00	n	2.5E+01	n					6.0E-01	n			3.6E-04	n	
				1.0E-01	X					0.1	2.5E+03	Methyl-2-Nitroaniline, 4-Methyl-5-Nitroaniline, 2-	108-11-2	5.4E+03	ns	2.3E+04	ns	3.1E+02	n	1.3E+03	n	6.3E+02	n			1.4E-01	n	
				2.2E+01	C	6.3E-03	C				3.3E+03	Methyl-N-nitro-N-nitrosoguanidine, N-Methylamine Hydrochloride, 2-Methylarsonic acid	99-58-8	6.0E+01	c**	2.6E+02	c**					8.2E+00	c**			4.6E-03	c**	
				1.0E-02	A							Methyl-N-nitro-N-nitrosoguanidine, N-Methylamine Hydrochloride, 2-Methylarsonic acid	70-25-7	6.5E-02	c	2.8E-01	c	1.2E-03	c	5.1E-03	c	9.4E-03	c			3.2E-06	c	
				2.0E-04	X							Methylbenzene, 1,4-diamine monohydrochloride, 2-Methylbenzene-1,4-diamine sulfate, 2-Methylcholanthrene, 3-(2,3,4-trimethylphenyl)propanoic acid	1.3E+00	1.3E+00	n	1.6E+01	n					4.0E-01	n			2.6E-04	c	
				2.2E+01	C	6.3E-03	C				3.3E+03	Methylbenzene, 1,4-diamine sulfate, 2-Methylcholanthrene, 3-(2,3,4-trimethylphenyl)propanoic acid	615-50-9	1.9E+00	n	2.3E+01	c**					6.0E-01	n			2.2E-03	c	
				2.0E-03	I	1.0E-08	I				3.3E+03	Methylene Chloride	75-09-2	3.5E+01	n	3.2E+02	n	6.3E+01	n	2.6E+02	n	1.1E+01	n	5.0E+00	2.7E-03	n	1.3E-03	
				1.0E-01	P	4.3E-04	C				3.3E+03	Methylene-bis(2-chloroaniline), 4,4'-Methylene-bis(N,N-dimethyl) Aniline, 4,4'-Methylenebisbenzenamine, 4,4'-Methylenediphenyl Diisocyanate	101-14-4	1.2E+00	c*	2.3E+01	c**	2.4E-03	c	2.9E-02	c	1.6E-01	c*			1.8E-03	c*	
				4.6E-02	I	1.3E-05	C				3.3E+03	Methylene-bis(2-chloroaniline), 4,4'-Methylene-bis(N,N-dimethyl) Aniline, 4,4'-Methylenebisbenzenamine, 4,4'-Methylenediphenyl Diisocyanate	101-61-1	1.2E+01	n	3.0E+01	c	2.2E-01	c	9.4E-01	c	4.8E-01	c			2.6E-03	c	
				1.6E+00	C	4.6E-04	C				5.0E+02	Methylenebisbenzenamine, 4,4'-Methylenediphenyl Diisocyanate	101-77-9	3.4E-01	c	1.4E+00	c	6.1E-03	c	2.7E-02	c	4.7E-02	c			2.1E-04	c	
				7.0E-02	H						5.0E+02	Methylenediphenyl Diisocyanate	101-68-8	8.5E+04	n	3.6E+05	nm	6.3E-02	n	2.6E-01	n					1.2E-01	n	
				1.5E-01	I					0.1		Methylstyrene, Alpha-	98-83-9	5.5E+02	ns	8.2E+03	ns					7.8E+01	n			3.2E-01	n	
				2.5E-02	I					0.1		Metolachlor	51218-45-2	9.5E+02	n	1.2E+04	n					2.7E+02	n			3.2E-01	n	
				2.5E-02	I					0.1		Metribuzin	21087-64-9	1.6E+02	n	2.1E+03	n					4.9E+01	n			1.5E-02	n	
				2.5E-01	I					0.1		Metsulfuron-methyl	74223-64-6	1.6E+03	n	2.1E+04	n					4.9E+02	n			1.9E-01	n	
1.8E+01	C	5.1E-03	C	3.0E+00	P						3.4E-01	Mineral oils	8012-95-1	2.3E+04	ns	3.5E+05	nms					6.0E+03	n			2.4E+02	n	
				2.0E-04	I							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					0.1		Molinate	2212-67-1	1.3E+01	n	1.6E+02	n					3.0E+00	n			1.7E-03	n	
				1.0E-01	I							Molybdenum	7439-98-7	3.9E+01	n	5.8E+02	n					1.0E+01	n			2.0E-01	n	
				2.0E-03	P					0.1		Monochloramine	10599-90-3	7.8E+02	n	1.2E+04	n					2.0E+02	n			2.0E-01	n	
				2.5E-02	I					0.1		Monomethylamine	100-61-8	1.3E+01	n	1.6E+02	n					3.8E+00	n			1.4E-03	n	
				3.0E-04	X					0.1		Myclobutanil	88671-89-0	1.6E+02	n	2.1E+03	n											

Key: I = IRIS; P = PPRVT; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRVT SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; 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) <sup>1</sup>	k <sub>e</sub> y	IUR (ug/m <sup>3</sup> ) <sup>1</sup>	k <sub>e</sub> y	RfD <sub>o</sub> (mg/kg-day)	k <sub>e</sub> y	RfC <sub>i</sub> (mg/m <sup>3</sup> )	k <sub>e</sub> y	muta- gen	GIABS	ABS	C <sub>sat</sub> (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m <sup>3</sup> )	key	Industrial Air (ug/m <sup>3</sup> )	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)
				1.0E-01	I					1		Nitrate + Nitrite (as N) Nitrate	E701177 14797-65-0	7.8E+02	n	1.2E+04	n					2.0E+02	n	1.0E+04 1.0E+03			n
2.0E-02	P	4.0E-05	I	1.0E-02	X	5.0E-05	X			1	0.1	Nitroaniline, 2-	88-74-4	6.3E+01	n	8.0E+02	n	5.2E-03	n	2.2E-02	n	1.9E+01	n		8.0E-03	n	
				4.0E-03	P	6.0E-03	P			1	0.1	Nitroaniline, 4-	100-01-6	2.5E+01	n	1.1E+02	c**	6.3E-01	n	2.6E+00	n	3.8E+00	c**		1.6E-03	c**	
				2.0E-03	I	9.0E-03	I	V		1		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+07	nm	2.5E+08	nm					6.0E+06	n		1.3E+03	n	
				7.0E-02	H					1	0.1	Nitrofurantoin	67-20-9	4.4E+02	n	5.7E+03	n					1.4E+02	n		6.1E-02	n	
				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	
1.7E-02	P	8.8E-06	P	1.0E-01	I					1	0.1	Nitroglycerin	55-63-0	6.3E-01	n	8.2E+00	n					2.0E-01	n		8.5E-05	n	
				5.0E-03	P	V				1		Nitroguanidine	556-88-7	6.3E+02	n	8.2E+03	n					2.0E+02	n		4.8E-02	n	
				2.0E-02	I	V				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**	
2.7E+01	C	7.7E-03	C	2.7E-03	H					1	4.9E+03	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	3.7E-03	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	
								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	1.6E-03	I			V		1		Nitroso-di-N-butylamine, N-	924-18-3	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	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	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	4.3E-02	I					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	0.1	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	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	6.3E-03	C			V		1	1.1E+05	Nitrosomethylthylamine, 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	1.9E-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	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	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-01	n	8.2E+00	n					1.7E-01	n		1.6E-04	n	
2.2E-01	P	9.0E-04	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-04	c**	
1.6E-02	P	4.0E-03	P	4.0E-03	P					1	0.1	Nitrotoluene, p-	99-99-0	2.5E+01	n	1.4E+02	c**					4.3E+00	c**		4.0E-03	c**	
				3.0E-04	X	2.0E-02	P	V		1	6.9E+00	Nonane, n-	111-84-2	1.1E+00	n	7.2E+00	ns	2.1E+00	n	8.8E+00	n	5.3E-01	n		7.5E-03	n	
				1.5E-02	O					1	0.1	Norflurazon	27314-13-2	9.5E+01	n	1.2E+03	n					2.9E+01	n		1.9E-01	n	
				3.0E-03	I					1	0.1	Octabromodiphenyl Ether	32536-52-0	1.9E+01	n	2.5E+02	n					6.0E+00	n		1.2E+00	n	
				5.0E-02	I					1	0.006	Octahydro-1,3,5,7-tetraimino-1,3,5,7-tetrazocine (HMX)	2691-41-0	3.9E+02	n	5.7E+03	n					1.0E+02	n		1.3E-01	n	
				2.0E-03	H					1	0.1	Oclamethylpyrophosphoramide	152-16-9	1.3E+01	n	1.6E+02	n					4.0E+00	n		9.6E-04	n	
7.8E-03	O	1.4E-01	O	1.4E-01	O					1	0.1	Oryzalin	19044-88-3	7.0E+01	c*	2.9E+02	c*					7.9E+00	c*		1.5E-02	c*	
				5.0E-03	I					1	0.1	Oxadiazon	19666-30-9	3.2E+01	n	4.1E+02	n					4.7E+00	n		4.8E-02	n	
				2.5E-02	I					1	0.1	Oxamyl	23135-22-0	1.6E+02	n	2.1E+03	n					5.0E+01	n	2.0E+02	1.1E-02	n	4.4E-02
7.3E-02	O	3.0E-02	O	3.0E-02	O					1	0.1	Oxyfluorfen	42874-03-3	7.4E+00	c*	3.1E+01	c*					5.4E-01	c*		4.3E-02	c*	
				1.3E-02	I					1	0.1	Paclitaxel	76738-62-0	8.2E+01	n	1.1E+03	n					2.3E+01	n		4.6E-02	n	
				4.5E-03	I					1	0.1	Paraquat Dichloride	1910-42-5	2.8E+01	n	3.7E+02	n					9.0E+00	n		1.2E-01	n	
				6.0E-03	H					1	0.1	Parathion	56-38-2	3.8E+01	n	4.9E+02	n					8.6E+00	n		4.3E-02	n	
				5.0E-02	H			V		1		Pebulate	1114-71-2	3.9E+02	n	5.8E+03	n					5.6E+01	n		4.5E-02	n	
				3.0E-02	O					1	0.1	Pendimethalin	40487-42-1	1.9E+02	n	2.5E+03	n					1.4E+01	n		1.6E-01	n	
2.0E-03	I	1.0E-04	I	1.0E-04	I			V		1	3.1E-01	Pentabromodiphenyl Ether	32534-81-9	1.6E+01	ns	2.3E+02	ns					4.0E+00	n		1.7E-01	n	
				8.0E-04	I					1	0.1	Pentabromodiphenyl ether, 2,2',4,4',5'- (BDE-99)	60348-60-9	6.3E-01	n	8.2E+00	n					2.0E-01	n		8.7E-03	n	
				8.0E-04	I					1		Pentachlorobenzene	608-93-5	6.3E+00	n	9.3E+01	n					3.2E-01	n		2.4E-03	n	
9.0E-02	P	3.0E-03	I	3.0E-03	I			V		1	4.6E+02	Pentachloroethane	76-01-7	7.7E+00	c	3.6E+01	c					6.5E-01	c		3.1E-04	c	
2.6E-01	H	5.1E-06	C	5.1E-06	C					1	0.25	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	5.1E-06	C					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	5.7E-05	c*	1.4E-03
4.0E-03	X	2.0E-03	P	2.0E-03	P			V		1	0.1	Pentaerythritol tetranitrate (PETN)	78-11-5	1.3E+01	n	1.6E+02	n					3.9E+00	n		5.8E-03	n	
				1.0E+00	P	V				1	3.9E+02	Pentane, n-Perchlorates	109-66-0	8.1E+01	n	3.4E+02	n	1.0E+02	n	4.4E+02	n	2.1E+02	n		1.0E+00	n	
				7.0E-04	I					1		-Ammonium Perchlorate	7790-98-9	5.5E+00	n	8.2E+01	n					1.4E+00	n			n	
				7.0E-04	I					1		-Lithium Perchlorate	7791-03-9	5.5E+00	n	8.2E+01	n					1.4E+00	n			n	
				7.0E-04	I					1		-Perchlorate and Perchlorate Salts	14797-73-0	5.5E+00	n	8.2E+01	n			</							



Toxicity and Chemical-Specific Information													Contaminant			Screening Levels							Protection of Ground Water SSLs					
SFO	k <sub>e</sub> <sup>y</sup>	IUR	k <sub>e</sub> <sup>y</sup>	RfD <sub>o</sub>	k <sub>e</sub> <sup>y</sup>	RfC <sub>i</sub>	k <sub>e</sub> <sup>y</sup>	Vo	muta-	GIABS	ABS	C <sub>sat</sub>	Analyte	CAS No.	Resident Soil	key	Industrial Soil	key	Resident Air	key	Industrial Air	key	Tapwater	key	MCL	Risk-based SSL	key	MCL-based SSL
(mg/kg-day) <sup>1</sup>	(y)	(ug/m <sup>3</sup> ) <sup>1</sup>	(y)	(mg/kg-day)	(y)	(mg/m <sup>3</sup> ) <sup>3</sup>	(y)		gen			(mg/kg)			(mg/kg)		(ug/m <sup>3</sup> )		(ug/m <sup>3</sup> )		(ug/L)		(ug/L)	(mg/kg)		(mg/kg)		
2.0E-02	I									1	0.1		Phosmet	732-11-6	1.3E+02	n	1.6E+03	n					3.7E+01	n		8.2E-03	n	
4.9E+01	P									1			Phosphates, Inorganic															
4.9E+01	P									1			-Aluminum metaphosphate	13776-88-0	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
4.9E+01	P									1			-Ammonium polyphosphate	68333-79-9	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
4.9E+01	P									1			-Calcium pyrophosphate	7790-76-3	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
4.9E+01	P									1			-Diammonium phosphate	7783-28-0	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
4.9E+01	P									1			-Dicalcium phosphate	7757-93-9	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
4.9E+01	P									1			-Dimagnesium phosphate	7782-75-4	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
4.9E+01	P									1			-Dipotassium phosphate	7758-11-4	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
4.9E+01	P									1			-Disodium phosphate	7558-79-4	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
4.9E+01	P									1			-Monoaluminum phosphate	13530-50-2	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
4.9E+01	P									1			-Monoammonium phosphate	7722-76-1	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
4.9E+01	P									1			-Monocalcium phosphate	7758-23-8	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
4.9E+01	P									1			-Monomagnesium phosphate	7757-86-0	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
4.9E+01	P									1			-Monopotassium phosphate	7778-77-0	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
4.9E+01	P									1			-Monosodium phosphate	7558-80-7	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
4.9E+01	P									1			-Polyphosphoric acid	8017-16-1	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
4.9E+01	P									1			-Potassium triphosphate	13845-36-8	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
4.9E+01	P									1			-Sodium acid pyrophosphate	7758-16-9	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
4.9E+01	P									1			-Sodium aluminum phosphate (acidic)	7785-88-8	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
4.9E+01	P									1			-Sodium aluminum phosphate (anhydrous)	10279-59-1	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
4.9E+01	P									1			-Sodium aluminum phosphate (tetrahydrate)	10305-76-7	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
4.9E+01	P									1			-Sodium hexametaphosphate	10124-56-8	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
4.9E+01	P									1			-Sodium polyphosphate	68915-31-1	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
4.9E+01	P									1			-Sodium trimetaphosphate	7785-84-4	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
4.9E+01	P									1			-Sodium tripolyphosphate	7758-29-4	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
4.9E+01	P									1			-Tetrapotassium phosphate	7320-34-5	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
4.9E+01	P									1			-Tetrasodium pyrophosphate	7722-88-5	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
4.9E+01	P									1			-Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate)	15136-87-5	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
4.9E+01	P									1			-Tricalcium phosphate	7758-87-4	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
4.9E+01	P									1			-Trimagnesium phosphate	7757-87-1	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
4.9E+01	P									1			-Tripotassium phosphate	7778-53-2	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
4.9E+01	P									1			-Trisodium phosphate	7601-54-9	3.8E+05	nm	5.7E+06	nm					9.7E+04	n			n	
3.0E-04	I	3.0E-04	I	V						1			Phosphine	7803-51-2	2.3E+00	n	3.5E+01	n	3.1E-02	n	1.3E-01	n	5.7E-02	n			n	
4.9E+01	P	1.0E-02	I	V						1			Phosphoric Acid	7664-38-2	3.0E+05	n	2.9E+06	nm	1.0E+00	n	4.4E+00	n	9.7E+04	n			n	
2.0E-05	I									1			Phosphorus, White	7723-14-0	1.6E-01	n	2.3E+00	n					4.0E-02	n		1.5E-04	n	
1.4E-02	I	2.4E-06	C							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
1.9E-03	P									1	0.1		-Butyl Benzyl Phthalate	85-68-7	2.9E+02	c**	1.2E+03	c*					1.6E+01	c*		2.4E-01	c*	
										1	0.1		-Butylphthalyl Butylglycolate	85-70-1	6.3E+03	n	8.2E+04	n					1.3E+03	n		3.1E+01	n	
1.0E-01	I									1	0.1		-Dibutyl Phthalate	84-74-2	6.3E+02	n	8.2E+03	n					9.0E+01	n		2.3E-01	n	
8.0E-01	I									1	0.1		-Diethyl Phthalate	84-66-2	5.1E+03	n	6.6E+04	n					1.5E+03	n		6.1E-01	n	
1.0E-01	I									1	0.1		-Dimethylterephthalate	120-61-6	7.8E+02	n	1.2E+04	n					1.9E+02	n		4.9E-02	n	
1.0E-02	P									1	0.1		-Octyl Phthalate, di-N-	117-84-0	6.3E+01	n	8.2E+02	n					2.0E+01	n		5.7E+00	n	
1.0E+00	H									1	0.1		-Phthalic Acid, P-	100-21-0	6.3E+03	n	8.2E+04	n					1.9E+03	n		6.8E-01	n	
2.0E+00	I	2.0E-02	C							1	0.1		-Phthalic Anhydride	85-44-9	1.3E+04	n	1.6E+05	nm	2.1E+00	n	8.8E+00	n	3.9E+03	n		8.5E-01	n	
7.0E-02	I									1	0.1		Picloram	1918-02-1	4.4E+02	n	5.7E+03	n					1.4E+02	n		3.8E-02	n	
1.0E-04	X									1	0.1		Picramic Acid (2-Amino-4,6-dinitrophenol)	96-91-3	6.3E-01	n	8.2E+00	n					2.0E-01	n		1.3E-04	n	
9.0E-04	X									1	0.1		Picric Acid (2,4,6-Trinitrophenol)	88-89-1	5.7E+00	n	7.4E+01	n					1.8E+00	n		8.4E-03	n	
3.0E+01	C	8.6E-03	C							1	0.1		Pirimiphos, Methyl	29232-93-7	4.2E-01	n	5.5E+00	n					8.1E-02	n		7.7E-05	n	
										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**	
										1	0.1		Polychlorinated Biphenyls (PCBs)															
7.0E-02	S	2.0E-05	S							1	0.14		-Aroclor 1016	12674-11-2	4.1E-01	n	5.1E+00	n	1.4E-01	c	6.1E-01	c	1.4E-01	n		1.3E-02	n	
2.0E+00	S	5.7E-04	S							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							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							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																										

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; 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) <sup>1</sup>	k <sub>e</sub> (y)	IUR (ug/m <sup>3</sup> ) <sup>1</sup>	k <sub>e</sub> (y)	RfD <sub>o</sub> (mg/kg-day)	RfC <sub>i</sub> (mg/m <sup>3</sup> ) <sup>1</sup>	k <sub>e</sub> (y)	V <sub>o</sub> (l)	mutagen	GIABS	ABS	C <sub>sat</sub> (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m <sup>3</sup> )	key	Industrial Air (ug/m <sup>3</sup> )	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)
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	4.4E-02	c	5.0E-01			
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			5.0E-01			
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			5.0E-01			
1.3E+01	E	3.8E-03	E	7.0E-06	E	4.0E-04	E			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**				
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**	4.8E-02	c**	2.5E-04	c*	1.1E-03	c*	4.0E-04	c*				
				6.0E-04	I					1	0.1	Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9	8.5E+04	n	3.6E+05	nm	6.3E-02	n	2.6E-01	n						
				6.0E-02	I					1	0.13	Polynuclear Aromatic Hydrocarbons (PAHs)															
				3.0E-01	I					1	0.13	-Acenaphthene	83-32-9	3.6E+02	n	4.5E+03	n							5.3E+01	n		
												-Anthracene	120-12-7	1.8E+03	n	2.3E+04	n						1.8E+02	n			
1.0E-01	E	6.0E-05	E			V				M	1	0.13	-Benz[a]anthracene	56-55-3	1.1E+00	c	2.1E+01	c	1.7E-02	c	2.0E-01	c	3.0E-02	c			
1.2E+00	C	1.1E-04	C			V				M	1	0.13	-Benzo[ <i>b</i> ]fluoranthene	205-82-3	4.2E-01	c	1.8E+00	c	2.6E-02	c	1.1E-01	c	6.5E-02	c			
1.0E+00	I	6.0E-04	I	3.0E-04	I	2.0E-06	I			M	1	0.13	-Benzo[a]pyrene	50-32-8	1.1E-01	c*	2.1E+00	c*	2.1E-04	n	8.8E-04	n	2.5E-02	c*	2.0E-01		
1.0E-01	E	6.0E-05	E			V				M	1	0.13	-Benzo[b]fluoranthene	205-99-2	1.1E+00	c	2.1E+01	c	1.7E-02	c	2.0E-01	c	2.5E-01	c			
1.0E-02	E	6.0E-06	E			V				M	1	0.13	-Benzo[k]fluoranthene	207-08-9	1.1E+01	c	2.1E+02	c	1.7E-01	c	2.0E+00	c	2.5E+00	c			
				8.0E-02	I					1	0.13	-Chloronaphthalene, Beta-	91-58-7	4.8E+02	n	6.0E+03	n						7.5E+01	n			
1.0E-03	E	6.0E-07	E			V				M	1	0.13	-Chrysene	218-01-9	1.1E+02	c	2.1E+03	c	1.7E+00	c	2.0E+01	c	2.5E+01	c			
1.0E+00	E	6.0E-04	E			V				M	1	0.13	-Dibenz[ <i>a,h</i> ]anthracene	53-70-3	1.1E-01	c	2.1E+00	c	1.7E-03	c	2.0E-02	c	2.5E-02	c			
1.2E+01	C	1.1E-03	C			V				1	0.13	-Dibenzo[ <i>a,e</i> ]pyrene	192-65-4	4.2E-02	c	1.8E-01	c	2.6E-03	c	1.1E-02	c	6.5E-03	c				
2.5E+02	C	7.1E-02	C			V				M	1	0.13	-Dimethylbenz[ <i>a</i> ]anthracene, 7,12-	57-97-6	4.6E-04	c	8.4E-03	c	1.4E-05	c	1.7E-04	c	1.0E-04	c			
				4.0E-02	I					1	0.13	-Fluoranthene	206-44-0	2.4E+02	n	3.0E+03	n						8.0E+01	n			
				4.0E-02	I					1	0.13	-Fluorene	86-73-7	2.4E+02	n	3.0E+03	n						2.9E+01	n			
1.0E-01	E	6.0E-05	E			V				M	1	0.13	-Indeno[1,2,3- <i>cd</i> ]pyrene	193-39-5	1.1E+00	c	2.1E+01	c	1.7E-02	c	2.0E-01	c	2.5E-01	c			
2.9E-02	P			7.0E-02	A					V	1	0.13	-Methylnaphthalene, 1-	90-12-0	1.8E+01	c*	7.3E+01	c*					1.1E+00	c*			
				4.0E-03	I					V	1	0.13	-Methylnaphthalene, 2-	91-57-6	2.4E+01	n	3.0E+02	n					3.6E+00	n			
		3.4E-05	C	2.0E-02	I	3.0E-03	I			V	1	0.13	-Naphthalene	91-20-3	3.8E+00	c**	1.7E+01	c**	8.3E-02	c**	3.6E-01	c**	1.7E-01	c**			
1.2E+00	C	1.1E-04	C			V				1	0.13	-Nitropyrene, 4-	57835-92-4	4.2E-01	c	1.8E+00	c	2.6E-02	c	1.1E-01	c	1.9E-02	c				
				3.0E-02	I					V	1	0.13	-Pyrene	129-00-0	1.8E+02	n	2.3E+03	n					1.2E+01	n			
1.5E-01	I			2.0E-02	P					1	0.1	Potassium Perfluorobutane Sulfonate	29420-49-3	1.3E+02	n	1.6E+03	n						4.0E+01	n			
				9.0E-03	I					1	0.1	Prochloraz	67747-09-5	3.6E+00	c*	1.5E+01	c*						3.8E-01	c*			
				6.0E-03	H					V	1	0.1	Propofurane	26399-36-0	4.7E+01	n	7.0E+02	n					2.6E+00	n			
				1.5E-02	I					1	0.1	Prometon	1610-18-0	9.5E+01	n	1.2E+03	n						2.5E+01	n			
				4.0E-02	O					1	0.1	Prometryn	7287-19-6	2.5E+02	n	3.3E+03	n						6.0E+01	n			
				1.3E-02	I					1	0.1	Propachlor	1918-16-7	8.2E+01	n	1.1E+03	n						2.5E+01	n			
3.3E-02	O			5.0E-03	I					1	0.1	Propanil	709-98-8	3.2E+01	n	4.1E+02	n						8.2E+00	n			
				4.0E-02	O					1	0.1	Propargite	2312-35-8	1.7E+01	c*	7.0E+01	c*						9.2E-01	c*			
				2.0E-03	I					V	1	1.1E+05	Propargyl Alcohol	107-19-7	1.6E+01	n	2.3E+02	n					4.0E+00	n			
				2.0E-02	I					1	0.1	Propazine	139-40-2	1.3E+02	n	1.6E+03	n						3.4E+01	n			
				2.0E-02	I					1	0.1	Propham	122-42-9	1.3E+02	n	1.6E+03	n						3.5E+01	n			
				1.0E-01	O					1	0.1	Propiconazole	60207-90-1	6.3E+02	n	8.2E+03	n						1.6E+02	n			
				8.0E-03	I	V				1	3.3E+04	Propionaldehyde	123-38-6	7.5E+00	n	3.1E+01	n	8.3E-01	n	3.5E+00	n	1.7E+00	n				
				1.0E-01	X	1.0E+00	X	V		1	2.6E+02	Propyl benzene	103-65-1	3.8E+02	ns	2.4E+03	ns	1.0E+02	n	4.4E+02	n	6.6E+01	n				
				3.0E+00	C	V				1	3.5E+02	Propylene	115-07-1	2.2E+02	n	9.3E+02	ns	3.1E+02	n	1.3E+03	n	6.3E+02	n				
				2.0E+01	P					1	0.1	Propylene Glycol	57-55-6	1.3E+05	nm	1.6E+06	nm						4.0E+04	n			
				2.7E-04	A					1	0.1	Propylene Glycol Dinitrate	6423-43-4	3.9E+04	n	1.6E+05	nm	2.8E-02	n	1.2E-01	n						
				7.0E-01	H	2.0E+00	I	V		1	1.1E+05	Propylene Glycol Monomethyl Ether	107-98-2	4.1E+03	n	3.7E+04	n	2.1E+02	n	8.8E+02	n	3.2E+02	n				
2.4E-01	I	3.7E-06	I			V				1	7.8E+04	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*				
				7.5E-02	I					1	0.1	Propyzamide	23950-58-5	4.7E+02	n	6.2E+03	n						1.2E+02	n			
				1.0E-03	I					V	1	5.3E+05	Pyridine	110-86-1	7.8E+00	n	1.2E+02	n					2.0E+00	n			
3.0E+00	I			5.0E-04	I					1	0.1	Quinalphos	13593-03-8	3.2E+00	n	4.1E+01	n						5.1E-01	n			
				9.0E-03	I					1	0.1	Quinoline	91-22-5	1.8E-01	c	7.7E-01	c						2.4E-02	c			
										1	0.1	Quizalofop-ethyl	76578-14-8	5.7E+01	n	7.4E+02	n						1.2E+01	n			
				3.0E-02	I					1	0.1	Refractory Ceramic Fibers	E715557	4.3E+06	nm	1.8E+07	nm	3.1E+00	n	1.3E+01	n						
				5.0E-02	H					V	1	0.1	Resmethrin	10453-86-8	1.9E+02	n	2.5E+03	n					6.7E+00	n			
				4.0E-03	I					1	0.1	Ronnel	299-84-3	3.9E+02	n	5.8E+0											

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; A = ATSDR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; W = see user guide Section 2.3.6; 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) <sup>1</sup>	k <sub>e</sub> (y)	IUR (ug/m <sup>3</sup> -y) <sup>1</sup>	k <sub>e</sub> (y)	RfD <sub>o</sub> (mg/kg-day)	P	RfC <sub>i</sub> (mg/m <sup>3</sup> -y)	k <sub>e</sub> (y)	V	muta- gen	GIABS	ABS	C <sub>sat</sub> (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m <sup>3</sup> )	key	Industrial Air (ug/m <sup>3</sup> )	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)	
2.4E-02	H			8.0E-04	P						1		Sodium Tungstate Dihydrate	10213-10-2	6.3E+00	n	9.3E+01	n					1.6E+00	n					
				3.0E-02	P					0.1			Stibofos (Tetrachlorovinphos)	961-11-5	2.3E+01	c**	9.6E+01	c*					2.8E+00	c*			8.2E-03	n	
				6.0E-01	I						1		Strontium, Stable	7440-24-6	4.7E+03	n	7.0E+04	n					1.2E+03	n			4.2E+01	n	
				3.0E-04	I						1		Strychnine	57-24-9	1.9E+00	n	2.5E+01	n					5.9E-01	n			6.5E-03	n	
				2.0E-01	I	1.0E+00	I	V				8.7E+02	Styrene	100-42-5	6.0E+02	n	3.5E+03	ns	1.0E+02	n	4.4E+02	n	1.2E+02	n	1.0E+02	1.3E-01	n	1.1E-01	
				3.0E-03	P						0.1		Styrene-Acrylonitrile (SAN) Trimer		1.9E+01	n	2.5E+02	n					4.8E+00	n				n	
				1.0E-03	P	2.0E-03	X				0.1		Sulfolane	126-33-0	6.3E+00	n	8.2E+01	n	2.1E-01	n	8.8E-01	n	2.0E+00	n			4.4E-04	n	
				8.0E-04	P						0.1		Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9	5.1E+00	n	6.6E+01	n					1.1E+00	n			6.5E-03	n	
2.5E-02	I	7.1E-06	I	5.0E-02	H						1		Sulfur Trioxide	7446-11-9	1.4E+05	nm	6.0E+05	nm	1.0E-01	n	4.4E-01	n	2.1E-01	n				n	
				1.0E-03	C						1		Sulfuric Acid	7664-93-9	1.4E+05	nm	6.0E+05	nm	1.0E-01	n	4.4E-01	n	4.1E+00	c					
				3.0E-02	H						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*	
				7.0E-02	I						0.1		TCMTB	21564-17-0	1.9E+02	n	2.5E+03	n					4.8E+01	n			3.3E-01	n	
				2.0E-02	H						0.1		Tebuthiuron	34014-18-1	4.4E+02	n	5.7E+03	n					1.4E+02	n			3.9E-02	n	
				1.3E-02	I						0.1		Temephos	3383-96-8	1.3E+02	n	1.6E+03	n					4.0E+01	n			7.6E+00	n	
				2.5E-05	H				V			3.1E+01	Terbacol	5902-51-2	8.2E+01	n	1.1E+03	n					2.5E+01	n			7.5E-03	n	
				1.0E-03	I						0.1		Terbufos	13071-79-9	2.0E-01	n	2.9E+00	n					2.4E-02	n			5.2E-05	n	
				1.0E-04	I						0.1		Terbutryn	886-50-0	6.3E+00	n	8.2E+01	n					1.3E+00	n			1.9E-03	n	
2.6E-02	I	7.4E-06	I	3.0E-02	I							6.8E+02	Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1	6.3E-01	n	8.2E+00	n					2.0E-01	n			5.3E-03	n	
				3.0E-04	I				V		1		Tetrachlorobenzene, 1,2,4,5-	95-94-3	2.3E+00	n	3.5E+01	n					1.7E-01	n			7.9E-04	n	
				3.0E-02	I				V		1		Tetrachloroethane, 1,1,1,2-	630-20-6	2.0E+00	c	8.8E+00	c	3.8E-01	c	1.7E+00	c	5.7E-01	c*			2.2E-04	c*	
2.0E-01	I	5.8E-05	C	2.0E-02	I				V		1	1.9E+03	Tetrachloroethane, 1,1,2,2-	79-34-5	6.0E-01	c	2.7E+00	c	4.8E-02	c	2.1E-01	c	7.6E-02	c			3.0E-05	c	
2.1E-03	I	2.6E-07	I	6.0E-03	I	4.0E-02	I	V			1	1.7E+02	Tetrachloroethylene	127-18-4	8.1E+00	n	3.9E+01	n	4.2E+00	n	1.8E+01	n	4.1E+00	c	5.0E+00	1.8E-03	n	2.3E-03	
				3.0E-02	I						0.1		Tetrachlorophenol, 2,3,4,6-	58-90-2	1.9E+02	n	2.5E+03	n					2.4E+01	n			1.8E-02	n	
2.0E+01	H			5.0E-04	I				V		1	2.1E+03	Tetrachlorotoluene, p- alpha, alpha, alpha-	5216-25-1	3.5E-02	c	1.6E-01	c					1.3E-03	c			4.5E-06	c	
				8.0E+01	I	V				1	0.1		Tetraethyl Dithiopyrophosphate	3689-24-5	3.2E+00	n	4.1E+01	n					7.1E-01	n			5.2E-04	n	
				2.0E-03	P						0.0007		Tetrafluoroethane, 1,1,1,2-	811-97-2	1.0E+04	ns	4.3E+04	ns	8.3E+03	n	3.5E+04	n	1.7E+04	n			9.3E+00	n	
				2.0E-05	S					1			Tetryl (Trinitrophenylmethylnitramine)	479-45-8	1.6E+01	n	2.3E+02	n					3.9E+00	n			3.7E-02	n	
				1.0E-05	X					1			Thallic Oxide	1314-32-5	1.6E-01	n	2.3E+00	n					4.0E-02	n				n	
				1.0E-05	X					1			Thallium (I) Nitrate	10102-45-1	7.8E-02	n	1.2E+00	n					2.0E-02	n				n	
				1.0E-05	X					1			Thallium (Soluble Salts)	7440-28-0	7.8E-02	n	1.2E+00	n					2.0E-02	n	2.0E+00	1.4E-03	n	1.4E-01	
				1.0E-05	X				V		1		Thallium Acetate	563-68-8	7.8E-02	n	1.2E+00	n					2.0E-02	n			4.1E-06	n	
				2.0E-05	X				V		1		Thallium Carbonate	6533-73-9	1.6E-01	n	2.3E+00	n					4.0E-02	n			8.3E-06	n	
				1.0E-05	X					1			Thallium Chloride	7791-12-0	7.8E-02	n	1.2E+00	n					2.0E-02	n				n	
				1.0E-05	S					1			Thallium Selenite	12039-52-0	7.8E-02	n	1.2E+00	n					2.0E-02	n				n	
				2.0E-05	X					1			Thallium Sulfate	7446-18-6	1.6E-01	n	2.3E+00	n					4.0E-02	n				n	
				4.3E-02	O					0.1			Thiencsulfuron-methyl	79277-27-3	2.7E+02	n	3.5E+03	n					8.6E+01	n			2.6E-02	n	
				1.0E-02	I					0.1			Thiobencarb	28249-77-6	6.3E+01	n	8.2E+02	n					1.6E+01	n			5.5E-02	n	
				7.0E-02	X					0.0075			Thiodiglycol	111-48-8	5.4E+02	n	7.9E+03	n					1.4E+02	n			2.8E-02	n	
1.2E-02	O			3.0E-04	H					0.1			Thiofanox	39196-18-4	1.9E+00	n	2.5E+01	n					5.3E-01	n			1.8E-04	n	
				2.7E-02	O					0.1			Thiophanate, Methyl	23564-05-8	4.7E+01	c**	2.0E+02	c*					6.7E+00	c**			5.7E-03	c**	
				1.5E-02	O					0.1			Thiram	137-26-8	9.5E+01	n	1.2E+03	n					2.9E+01	n			4.2E-02	n	
				6.0E-01	H					1			Tin	7440-31-5	4.7E+03	n	7.0E+04	n					1.2E+03	n			3.0E+02	n	
				1.0E-04	A	V				1			Titanium Tetrachloride	7550-45-0	1.4E+04	n	6.0E+04	n	1.0E-02	n	4.4E-02	n	2.1E-02	n				n	
				8.0E-02	I	5.0E+00	I	V				8.2E+02	Toluene	108-88-3	4.9E+02	n	4.7E+03	ns	5.2E+02	n	2.2E+03	n	1.1E+02	n	1.0E+03	7.6E-02	n	6.9E-01	
1.8E-01	X	1.1E-05	C	2.0E-04	X	8.0E-06	C	V			1		Toluene-2,4-diisocyanate	584-84-9	6.4E-01	n	2.7E+00	n	8.3E-04	n	3.5E-03	n	1.7E-03	n			2.5E-05	n	
				1.1E-05	C						0.1		Toluene-2,5-diamine	95-70-5	1.3E+00	n	1.3E+01	c**					4.0E-01	n			1.2E-04	n	
				5.0E-03	P					0.1			Toluene-2,6-diisocyanate	91-08-7	5.3E-01	n	2.2E+00	n	8.3E-04	n	3.5E-03	n	1.7E-03	n			2.6E-05	n	
1.6E-02	P	5.1E-05	C	4.0E-03	X					0.1			Toluic Acid, p-	99-94-5	3.2E+01	n	4.1E+02	n					9.0E+00	n			2.3E-03	n	
3.0E-02	P			3.0E+00	P				V		1	3.4E-01	Total Petroleum Hydrocarbons (Aliphatic High)	E1790670	2.3E+04	ns	3.5E+05	nms					6.0E+03	n			2.4E+02	n	
				1.0E-02	X	1.0E-01	P	V			1	1.4E+02	Total Petroleum Hydrocarbons (Aliphatic Low)	E1790666	5.2E+01	n	2.2E+02	ns	6.3E+01	n									

Toxicity and Chemical-specific Information										Contaminant		Screening Levels										Protection of Ground Water SSLs					
SFO (mg/kg-day) <sup>1</sup>	key	IUR (ug/m <sup>3</sup> -y) <sup>1</sup>	key	RfD <sub>a</sub> (mg/kg-day)	key	RfC <sub>i</sub> (mg/m <sup>3</sup> -y)	key	mutagen	GIABS	ABS	C <sub>sat</sub> (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	key	Industrial Soil (mg/kg)	key	Resident Air (ug/m <sup>3</sup> )	key	Industrial Air (ug/m <sup>3</sup> )	key	Tapwater (ug/L)	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)
7.0E-02	I			2.0E-02	I					1	0.1	Trichloroacetic Acid	76-03-9	7.8E+00	c*	3.3E+01	c*					1.1E+00	c*	6.0E+01	2.2E-04	c*	1.2E-02
2.9E-02	H									1	0.1	Trichloroaniline HCl, 2,4,6-	33663-50-2	1.9E+01	c	7.9E+01	c					2.7E+00	c		7.4E-03	c	
7.0E-03	X			3.0E-05	X					1	0.1	Trichloroaniline, 2,4,6-	634-93-5	1.9E-01	n	2.5E+00	n					4.0E-02	n		3.6E-04	n	
				8.0E-04	X			V		1		Trichlorobenzene, 1,2,3-	87-61-6	6.3E+00	n	9.3E+01	n					7.0E-01	n		2.1E-03	n	
2.9E-02	P			1.0E-02	I	2.0E-03	P	V		1	4.0E+02	Trichlorobenzene, 1,2,4-	120-82-1	5.8E+00	n	2.6E+01	n	2.1E-01	n	8.8E-01	n	4.0E-01	n	7.0E+01	1.2E-03	n	2.0E-01
				2.0E+00	I	5.0E+00	I	V		1	6.4E+02	Trichloroethane, 1,1,1-	71-55-6	8.1E+02	ns	3.6E+03	ns	5.2E+02	n	2.2E+03	n	8.0E+02	n	2.0E+02	2.8E-01	n	7.0E-02
5.7E-02	I	1.6E-05	I	4.0E-03	I	2.0E-04	X	V		1	2.2E+03	Trichloroethane, 1,1,2-	79-00-5	1.5E-01	n	6.3E-01	n	2.1E-02	n	8.8E-02	n	4.1E-02	n	5.0E+00	1.3E-05	n	1.6E-03
4.6E-02	I	4.1E-06	I	5.0E-04	I	2.0E-03	I	V	M	1	6.9E+02	Trichloroethylene	79-01-6	4.1E-01	n	1.9E+00	n	2.1E-01	n	8.8E-01	n	2.8E-01	n	5.0E+00	1.0E-04	n	1.8E-03
				3.0E-01	I			V		1	1.2E+03	Trichlorofluoromethane	75-69-4	2.3E+03	ns	3.5E+04	ns					5.2E+02	n		3.3E-01	n	
				1.0E-01	I			V		1	0.1	Trichlorophenol, 2,4,5-	95-95-4	6.3E+02	n	8.2E+03	n					1.2E+02	n		4.0E-01	n	
1.1E-02	I	3.1E-06	I	1.0E-03	P					1	0.1	Trichlorophenol, 2,4,6-	88-06-2	6.3E+00	n	8.2E+01	n	9.1E-01	c	4.0E+00	c	1.2E+00	n		1.2E-03	n	
				1.0E-02	I					1	0.1	Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5	6.3E+01	n	8.2E+02	n					1.6E+01	n		6.8E-03	n	
				8.0E-03	I					1	0.1	Trichlorophenoxypropionic acid, -2,4,5	93-72-1	5.1E+01	n	6.6E+02	n					1.1E+01	n	5.0E+01	1.6E-03	n	2.8E-02
				5.0E-03	I			V		1	1.3E+03	Trichloropropane, 1,1,2-	598-77-6	3.9E+01	n	5.8E+02	n					8.8E+00	n		3.5E-03	n	
3.0E+01	I			4.0E-03	I	3.0E-04	I	V	M	1	1.4E+03	Trichloropropane, 1,2,3-	96-18-4	5.1E-03	c*	1.1E-01	c*	3.1E-02	n	1.3E-01	n	7.5E-04	c*		3.2E-07	c*	
				3.0E-03	X	3.0E-04	P	V		1	3.1E+02	Trichloropropene, 1,2,3-	96-19-5	7.3E-02	n	3.1E-01	n	3.1E-02	n	1.3E-01	n	6.2E-02	n		3.1E-05	n	
				2.0E-02	A					1	0.1	Tricresyl Phosphate (TCP)	1330-78-5	1.3E+02	n	1.6E+03	n					1.6E+01	n		1.5E+00	n	
				3.0E-03	I					1	0.1	Triphenylamine	58138-08-2	1.9E+01	n	2.5E+02	n					1.8E+00	n		1.3E-02	n	
				7.0E-03	I	V				1	2.8E+04	Triethylamine	121-44-8	1.2E+01	n	4.8E+01	n	7.3E-01	n	3.1E+00	n	1.5E+00	n		4.4E-04	n	
				2.0E+00	P					1	0.1	Triethylene Glycol	112-27-6	1.3E+04	n	1.6E+05	nm					4.0E+03	n		8.8E-01	n	
7.7E-03	I			7.5E-03	I	2.0E+01	P	V		1	4.8E+03	Trifluoroethane, 1,1,1-	420-46-2	1.5E+03	n	6.2E+03	ns	2.1E+03	n	8.8E+03	n	4.2E+03	n		1.3E+01	n	
				7.5E-03	I			V		1		Trifluralin	1582-09-8	5.9E+01	n	4.2E+02	c**					2.6E+00	c**		8.4E-02	c**	
2.0E-02	P			1.0E-02	P					1	0.1	Trimethyl Phosphate	512-56-1	2.7E+01	c**	1.1E+02	c**					3.9E+00	c**		8.6E-04	c**	
				1.0E-02	I	6.0E-02	I	V		1	2.9E+02	Trimethylbenzene, 1,2,3-	526-73-8	3.4E+01	n	2.0E+02	n	6.3E+00	n	2.6E+01	n	5.5E+00	n		1.8E-03	n	
				1.0E-02	I	6.0E-02	I	V		1	2.2E+02	Trimethylbenzene, 1,2,4-	95-63-6	3.0E+01	n	1.8E+02	n	6.3E+00	n	2.6E+01	n	5.6E+00	n		8.1E-03	n	
				1.0E-02	I	6.0E-02	I	V		1	1.8E+02	Trimethylbenzene, 1,3,5-	108-67-8	2.7E+01	n	1.5E+02	n	6.3E+00	n	2.6E+01	n	6.0E+00	n		8.7E-03	n	
				1.0E-02	X			V		1	3.0E+01	Trimethylpentene, 2,4,4-	25167-70-8	7.8E+01	ns	1.2E+03	ns					6.5E+00	n		2.2E-02	n	
				3.0E-02	I				0.019	1		Trinitrobenzene, 1,3,5-	99-35-4	2.2E+02	n	3.2E+03	n					5.9E+01	n		2.1E-01	n	
3.0E-02	I			5.0E-04	I					1	0.032	Trinitrotoluene, 2,4,6-	118-96-7	3.6E+00	n	5.1E+01	n					9.8E-01	n		5.7E-03	n	
				2.0E-02	P					1	0.1	Triphenylphosphine Oxide	791-28-6	1.3E+02	n	1.6E+03	n					3.6E+01	n		1.5E-01	n	
				2.0E-02	A					1	0.1	Tris(1,3-Dichloro-2-propyl) Phosphate	13674-87-8	1.3E+02	n	1.6E+03	n					3.6E+01	n		8.0E-01	n	
				1.0E-02	X					1	0.1	Tris(1-chloro-2-propyl)phosphate	13674-84-5	6.3E+01	n	8.2E+02	n					1.9E+01	n		6.5E-02	n	
2.3E+00	C	6.6E-04	C					V		1	4.7E+02	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+00	n	9.3E+01	n					1.6E+00	n		2.4E-01	n	
				2.0E-04	A	4.0E-05	A			1		Uranium (Soluble Salts)	E715565	1.6E+00	n	2.3E+01	n	4.2E-03	n	1.8E-02	n	4.0E-01	n	3.0E+01	1.8E-01	n	1.4E+01
1.0E+00	C	2.9E-04	C							1	0.1	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	
		8.3E-03	P	9.0E-03	I	7.0E-06	P		0.026			Vanadium Pentoxide	1314-62-1	6.6E+01	n	8.4E+02	n	3.4E-04	c**	1.5E-03	c**	1.5E+01	n		n	n	
				5.0E-03	S	1.0E-04	A		0.026			Vanadium and Compounds	7440-62-2	3.9E+01	n	5.8E+02	n	1.0E-02	n	4.4E-02	n	8.6E+00	n		8.6E+00	n	
				1.0E-03	I			V		1		Vernolate	1929-77-7	7.8E+00	n	1.2E+02	n					1.1E+00	n		8.9E-04	n	
				1.2E-03	O					1	0.1	Vinclozolin	50471-44-8	7.6E+00	n	9.8E+01	n					2.1E+00	n		1.6E-03	n	
				1.0E+00	H	2.0E-01	I	V		1	2.8E+03	Vinyl Acetate	108-05-4	9.1E+01	n	3.8E+02	n	2.1E+01	n	8.8E+01	n	4.1E+01	n		8.7E-03	n	
				3.2E-05	H					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+00	n	2.5E+01	n					5.6E-01	n		5.9E-04	n	
				2.0E-01	S	1.0E-01	S	V		1	3.9E+02	Xylene, p-	106-42-3	5.6E+01	n	2.4E+02	n	1.0E+01	n	4.4E+01	n	1.9E+01	n		1.9E-02	n	
				2.0E-01	S	1.0E-01	S	V		1	3.9E+02	Xylene, m-	108-38-3	5.5E+01	n	2.4E+02	n	1.0E+01	n	4.4E+01	n	1.9E+01	n		1.9E-02	n	
				2.0E-01	S	1.0E-01	S	V		1	4.3E+02	Xylene, o-	95-47-6	6.5E+01	n	2.8E+02	n	1.0E+01	n	4.4E+01	n	1.9E+01	n		1.9E-02	n	
				2.0E-01	I	1.0E-01	I	V		1	2.6E+02	Xylenes	1330-20-7	5.8E+01	n	2.5E+02	n	1.0E+01	n	4.4E+01	n	1.9E+01	n	1.0E+04	1.9E-02	n	9.9E+00