

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>c</sub> (mg/kg-day)	k <sub>e</sub> y	RfC <sub>c</sub> (mg/m <sup>3</sup> )	k <sub>e</sub> y	v <sub>o</sub> l	mutagen	GIABS	ABS <sub>d</sub>	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	9.0E-03	I	V		1	0.1	1.1E+05	Acephate	30560-19-1	7.6E+00	n	9.8E+01	n	9.4E-01	n	3.9E+00	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					1.9E+00	n		3.8E-04	n		
										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							
						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	0.1	2.5E+03	Acetophenone	98-86-2	7.8E+02	n	1.2E+04	ns					1.9E+02	n		5.8E-02	n		
				5.0E-04	I	2.0E-05	I	V		1		2.3E+04	Acetylaminofluorene, 2-	53-96-3	1.4E-01	c	6.0E-01	c	2.2E-03	c	9.4E-03	c	1.6E-02	c		7.5E-05	c		
										1			Acroline	107-02-8	1.4E-02	n	6.0E-02	n	2.1E-03	n	8.8E-03	n	4.2E-03	n		8.4E-07	n		
5.0E-01	I	1.0E-04	I	2.0E-03	I	6.0E-03	I	M		1		1.1E+05	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-03	I	V		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	2.8E+01	n					2.0E+00	n		3.0E+00	n	4.9E-04	n
				1.0E-03	I					1	0.1		Aldicarb Sulfone	1646-88-4	6.3E+00	n	8.2E+01	n					2.0E+00	n		2.0E+00	n	4.4E-04	n
										1	0.1		Aldicarb Sulfoxide	1646-87-3	6.3E+00	n	8.2E+01	n					2.0E+00	n		2.0E+00	n	4.4E-04	n
1.7E+01	I	4.9E-03	I	3.0E-05	I				V	1		1.1E+05	Aldrin	309-00-2	3.9E-02	c**	1.8E-01	c*	5.7E-04	c*	2.5E-03	c*	9.2E-04	c*		1.5E-04	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		4.2E-06	n		
2.1E-02	C	6.0E-06	C	1.0E-03	I	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		6.7E-05	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		3.0E+03	n		
				4.0E-04	I					1	0.1		Aluminum Phosphide	20859-73-3	3.1E+00	n	4.7E+01	n							8.0E-01	n			
2.1E+01	C	6.0E-03	C	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				V	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			Ammonia	7664-41-7	1.3E+01	n	1.6E+02	n	5.2E+01	n	2.2E+02	n							
				2.0E-03	X					1	0.1		Ammonium Picrate	131-74-8	1.3E+01	n	1.6E+02	n							4.0E+00	n	1.9E-02	n	
				2.0E-01	I					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	X	3.0E-03	X	V		1		1.4E+04	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**		
				4.0E-04	I	3.0E-04	A			0.15			Anthraquinone, 9,10-	84-85-1	1.3E+01	n	5.7E+01	c**							1.4E+00	c**	1.4E-02	c**	
				5.0E-04	H					0.15			Antimony (metallic)	7440-36-0	3.1E+00	n	4.7E+01	n	3.1E-02	n	1.3E-01	n	7.8E-01	n		6.0E+00	n	2.7E-01	n
				5.0E-04	H					0.15			Antimony Pentoxide	1314-80-9	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	3.0E-04	I	2.0E-04	I			1	0.03		Antimony Trioxide	1309-64-4	2.8E+04	n	1.2E+05	nm	2.1E-02	n	8.8E-02	n							
				1.5E-05	C					1			Arsenic, Inorganic	7440-38-2	6.9E-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					
				3.6E-02	O					1	0.1		Asbestos (units in fibers)	1332-21-4											7.0E+06(G)				
				3.5E-02	I					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+00	2.0E-04	c	1.9E-03	
8.8E-01	C	2.5E-04	C	4.0E-04	I					1	0.1		Auramine	492-80-8	6.2E-01	c	2.6E+00	c	1.1E-02	c	4.9E-02	c	7.8E-02	c		7.1E-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		
				1.0E+00	P	7.0E-06	P			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	0.1		Azodicarbonamide	123-77-3	8.8E+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					1			Bentfluralin	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																

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; W = TEF applied; E = RPF applied; G = user's guide Section 5; M = mutagen; V = volatile; R = RBA applied; c = cancer; n = noncancer; \* = where n SL < 100X c SL; \*\* = where n SL < 10X c SL; SSL values are based on DAF=1; m = ceiling limit exceeded; s = Csat exceeded.

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>c</sub> (mg/kg-day)	key	RfC (mg/m <sup>3</sup> ) <sup>1</sup>	key	vol	mutagen	GIABS	ABS <sub>d</sub>	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)			
7.9E-03	I	1.1E-06	I	2.0E-02 1.4E-03 5.0E-03	I	5.0E-03	I	V		1		9.2E+02 3.6E+03	Bromoform Bromomethane	75-26-2 74-83-9	1.9E+01 6.8E-01	c**	8.6E+01 n	c*	2.6E+00 5.2E-01	c	1.1E+01 2.2E+00	n	3.3E+00 7.5E-01	c*	8.0E+01(G)	8.7E-04	n	2.1E-02			
1.0E-01	O			1.5E-02	O	1.0E-01	A	V		1	0.1	9.7E+02	Bromophos Bromopropane, 1- Bromoxynil	2104-96-3 106-94-5 1689-84-5	3.9E+01 2.2E+01 5.3E+00	n	5.8E+02 n 9.4E+01	n	1.0E+01	n	4.4E+01	n	2.1E+01 6.1E-01	c*		1.5E-02 6.4E-03 2.5E-04	n				
1.0E-01 6.0E-01	O C	3.0E-05	I	1.5E-02 3.0E-02	O O	2.0E-03	I	V		1	0.1	6.7E+02	Bromoxynil Octanoate Butadiene, 1,3- Butanoic acid, 4-(2,4-dichlorophenoxy)-	1689-99-2 106-99-0 94-82-6	6.7E+00 7.6E-02 1.9E+02	c* c**	3.2E+01 3.3E-01	c*	9.4E-02	c**	4.1E-01	c**	2.4E-01 7.1E-02	c* c**		2.1E-03 3.9E-05	c*		4.2E-02		
2.0E-04 3.6E-03	C P	5.7E-08	C	3.0E-01 5.0E-02	P P			V		1	0.1	1.1E+02	Butanol, N- Butyl alcohol, sec- Butylate	71-36-3 78-92-2 2008-41-5	7.8E+02 1.3E+04 3.9E+02	n	1.2E+04 n 5.8E+03	ns	3.1E+03	n	1.3E+04	n	2.4E+03 4.6E+01	n		4.1E-02 5.0E-01 4.5E-02	n		2.9E-01 1.0E-01 3.2E-01		
				1.0E-01 2.0E+00 5.0E-02	X P O			V		1		1.8E+02	Butylbenzene, sec- Butylbenzene, tert- Cacodylic Acid	135-98-8 98-06-6 75-60-5	7.8E+02 7.8E+02 1.3E+02	ns	1.2E+04 ns 1.6E+03	ns					2.0E+02 6.9E+01 4.0E+01	n		5.9E-01 1.6E-01 1.1E-02	n				
				1.8E-03 1.8E-03	I I	1.0E-05 5.0E-04	A A		0.025 0.05	0.001 0.001			Cadmium (Diet) Cadmium (Water) Caprolactam	7440-43-9 7440-43-9 105-60-2	7.1E+00 7.1E+00 3.1E-03	n	9.8E+01 n 4.0E+04	n	1.0E-03 1.0E-03	n	4.4E-03 4.4E-03	n	9.2E-01 9.6E-01	n	5.0E+00	6.9E-02 2.5E-01	n	3.8E-01			
1.5E-01 2.3E-03	C C	4.3E-05 6.6E-07	C	2.0E-03 1.3E-01 1.0E-01	I I I			V		1	0.1		Captadol Captan Carbaryl	2425-06-1 133-06-2 63-25-2	3.6E+00 2.4E+02 6.3E+02	c** c**	1.5E+01 1.0E+03	c*	6.5E-02 4.3E+00	c	2.9E-01 1.9E+01	c	4.0E-01 3.1E+01	c** c**		7.1E-04 2.2E-02	c**		1.7E-01		
				5.0E-03 1.0E-01 4.0E-03	I I I	7.0E-01 1.0E-01	A I	V		1	0.1	7.4E+02 4.6E+02	Carbofuran Carbon Disulfide Carbon Tetrachloride	1563-66-2 75-15-0 56-23-5	3.2E+01 7.7E+01 6.5E-01	n	4.1E+02 n 2.9E+00	n	4.7E+01 7.3E+01	c*	3.1E+02 3.1E+02	c*	2.0E+00 4.6E-01	c*		4.0E+01 2.4E-02 1.8E-04	n	1.6E-02	1.9E-03		
				1.0E-02 1.0E-01	I I			V		1	0.1	5.9E+03	Carbonyl Sulfide Carbosulfan Carboxin	463-58-1 55285-14-8 5234-68-4	6.7E+00 6.3E+01 6.3E+02	n	2.8E+01 n 8.2E+03	n	1.0E+01	n	4.4E+01	n	2.1E+01 5.1E+00 1.9E+02	n		5.1E-02 1.2E-01 1.0E-01	n				
				1.0E-01 1.5E-02	I I	9.0E-04	I	V		1	0.1		Ceric oxide Chloral Hydrate Chloramben	1306-38-3 302-17-0 133-90-4	1.3E+05 7.8E+02 9.5E+01	nm n	5.4E+05 1.2E+04	nm	9.4E-02	n	3.9E-01	n			2.0E+02 2.9E+01		4.0E-02 7.0E-03	n			
4.0E-01	H			5.0E-04	G			V		1	0.1		Chloramines, Organic Chlorani Chlordane (alpha)	E701235 119-75-2 5103-71-9	1.3E+00 3.8E+00	c	5.7E+00 5.0E+01	c					1.8E-01 3.6E-01	n	4.0E+03(G)	1.5E-04 4.9E-02	c		1.2E-01		
3.5E-01 1.0E+01	I I	1.0E-04 4.6E-03	I	5.0E-04 3.0E-04	I A	7.0E-04 1.0E-01	I I	V		1	0.1		Chlordane (gamma) Chlordane (technical mixture) Chlordecone (Kepone)	5103-74-2 12789-03-6 143-50-0	3.8E+00 1.7E+00 5.4E-02	n c**	5.0E+01 1.7E+00	c**	2.8E-02	c**	1.2E-01	c**	2.0E-02	c**		2.0E+00	1.4E-01 2.7E-03	c**	2.7E-01		
				7.0E-04 9.0E-02 1.0E-01	I O I			V		1	0.1	2.8E+03	Chlorfeniphos Chlorimuron, Ethyl- Chlorine	470-90-6 90982-32-4 7782-50-5	4.4E+00 5.7E+02 1.8E-02	n	5.7E+01 7.4E+03 7.8E-02	n	1.5E-02	n	6.4E-02	n	3.0E-02	n		4.0E+03(G)	3.1E-03 6.0E-02	n	2.0E+00		
				3.0E-02 3.0E-02	I I	2.0E-04	I	V		1			Chlorine Dioxide Chlorite (Sodium Salt)	10049-04-4 7758-19-2	2.3E+02 2.3E+02	n	3.4E+03 n	n	2.1E-02	n	8.8E-02	n	4.2E-02	n	8.0E+02(G)	5.2E+00	n		1.0E+03		
				5.0E+01	I			V		1		1.2E+03	Chloro-1,1-difluoroethane, 1- Chloro-1,3-butadiene, 2- Chloro-2-methylaniline HCl, 4- Chloro-2-methylaniline, 4-	75-68-3 126-99-8 3165-93-3 95-69-2	5.4E+03 1.0E-02 1.2E+00 5.4E+00	ns c c**	2.3E+04 4.4E-02 5.0E+00	ns c	5.2E+03 9.4E-03	ns c	2.2E+04 4.1E-02	ns c	1.0E+04 1.9E-02	n	1.0E+04 1.7E-01 7.0E-01	n		5.2E+00 9.8E-06 1.5E-04	n		
2.7E-01	X			3.0E-05	I			V		1	0.1	1.2E+04	Chloroacetaldehyde, 2- Chloroacetic Acid	107-20-0 79-11-8	2.6E+00 4.3E+03	c	1.2E+01 n	c			3.1E-03	n	1.3E-02	n	6.0E+01(G)	5.8E-05	c	1.2E-02			
2.0E-01	P			4.0E-03 2.0E-02 1.0E-01	I I X	5.0E-02	P	V		1	0.1	7.6E+02	Chloroacetonitrile, p- Chlorobenzene Chlorobenzene sulfonic acid, p-	106-47-3 108-90-7 98-66-8	2.7E+00 2.8E+01 6.3E+02	c** n	1.1E+01 n	c*	5.2E+00	n	2.2E+01	n	2.0E+02	n		1.0E+02	1.6E-04 5.3E-03	c*	6.8E-02		
1.1E-01	C	3.1E-05	C	2.0E-02 3.0E-02	X X			V		1	0.1	2.9E+02	Chlorobenzilate Chlorobenzoic Acid, p- Chlorobenzotrifluoride, 4-	510-15-6 74-11-3 98-56-6	4.9E+00 1.9E+02 2.2E+00	c* n	2.1E+01 2.5E+03	c*	9.1E-02	c	4.0E-01	c	3.1E+01 1.4E+00	c*	6.5E-01	c**		1.0E+03	4.7E-03 1.3E-02	c*	2.3E-03
				4.0E-02	P	5.0E+01	I	V		1		7.3E+02	Chlorobutane, 1- Chlorodifluoromethane	109-69-3 75-45-6	3.1E+02 4.9E+03	n	4.7E+03 ns	ns	5.2E+03	n	2.2E+04	n	6.4E+01 1.0E+04	n		2.6E-02 4.3E+00	n		8.1E-03		
3.1E-02	C	2.3E-05	I	1.0E-02	I	9.8E-02	A	V		1		2.5E+03	Chloroform Chloromethane	67-66-3 74-87-3	3.2E-01 1.1E+01	c*	1.4E+00 4.6E+01	c*	1.2E-01 9.4E+00	c*	5.3E-01 3.9E+01	c*	2.2E-01 1.9E+01	c*	8.0E+01(G)	6.1E-05 4.9E-03	c*	2.2E-02			
2.4E+00	C	6.9E-04	C	3.0E-03	P	2.0E-03	P	V		1		9.3E+03	Chloromethyl Methyl Ether	107-30-2	2.0E-02	c	8.9E-02	c	4.1E-03	c	1.8E-02	c	6.5E-03	c		1.4E-06	c				
3.0E-01 6.0E-02	P P			3.0E-03 7.0E-04 5.0E-03	P P I	1.0E-05 2.0E-03	X P	V		1	0.1	2.7E+04	Chloronitrobenzene, o- Chloronitrobenzene, p- Chlorophenol, 2-	88-73-3 100-00-5 95-57-8	1.8E+00 4.4E+00 3.9E+01	c*	7.7E+00 3.8E+01	c*	1.0E-03 2.1E-01	n	4.4E-03 8.8E-01	n	2.4E-01 1.2E+00	c*		2.2E-04 1.1E-03	c*		8.9E-03		
				1.7E-03	I	4.0E-04	C	V		1	0.1	6.2E+02	Chloropicrin Chlorothalonil Chlorotoluene, o-	76-06-2 1897-45-6 95-49-8	2.0E-01 3.2E+01 1.6E+02	n	5.8E+02 1.4E+02	n	4.2E-02	n	1.8E-01	n	8.3E-02 4.9E+00	n		2.5E-05 9.0E-03	c**		2.3E-02		
2.4E+02	C	6.9E-02	C	2.0E-02	X			V		1	0.1	2.5E+02	Chlorotoluene, p- Chlorozotocin Chlorophoram	106-43-4 54749-90-5 101-21-3	1.6E+02 2.3E-03 3.2E+02	n	2.3E+03 c	ns	4.1E-05	c	1.8E-04	c	3.2E-04 7.1E+01	n		2.4E-02 7.1E-08	n		2.4E-02 6.4E-02		
				1.0E-03 1.0E-02 5.0E-02	A H O			V		1	0.1		Chlorpyrifos Chlorpyrifos Methyl Chlorsulfuron	2921-88-2 5598-13-0 64902-72-3	6.3E+00 6.3E+01 3.2E+02	n	8.2E+01 8.2E+02	n					8.4E-01 1.2E+01 9.9E+01	n		1.2E-02 5.4E-02 8.3E-02	n		1.2E-02 5.4E-02 8.3E-02		
				1.0E-02 8.0E-04 1.5E+00	I H O			V		1	0.1		Chlorthal-dimethyl Chlorthiophos Chromium(III), Insoluble Salts	1861-32-1 60238-56-4 16065-83-1	6.3E+01 5.1E+00 1.2E+04	n	8.2E+02 6.6E+01	n					1.2E+01 2.8E-01	n			1.5E-02 7.3E-03	n		1.5E-02 7.3E-03	
5.0E-01	C	8.4E-02	G	3.0E-03	I	1.0E-04	I	M		0.025 0.013			Chromium(VI) Chromium, Total Ciofentazine	18540-29-9 7440-47-3 74115-24-5	3.0E-01	c*	6.3E+00	c*	1.2E-05	c	1.5E-04	c	3.5E-02	c	1.0E+02	6.7E-04	c	1.8E+05			
				9.0E-03 6.2E-04	P I	3.0E-04	P	V		1			Cobalt Coke Oven Emissions	7440-48-4 E649830	8.2E+01 2.3E+00	n	1.1E+03 3.5E+01	n	3.1E-04	c**	1.4E-03	c**	6.0E-01	c		2.3E+01 2.7E-02	n				

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; W = TEF applied; E = RPF applied; G = user's guide Section 5; M = mutagen; V = volatile; R = RBA applied ; c = cancer; n = noncancer; \* = where n SL < 100X c SL; \*\* = where n SL < 10X c SL; SSL values are based on DAF=1; m = ceiling limit exceeded; s = Csat exceeded.

Toxicity and Chemical-specific Information												Contaminant		Screening Levels									Protection of Ground Water SSLs						
SFO (mg/kg-day) <sup>1</sup>	k e y	IUR (ug/m <sup>3</sup> ) <sup>1</sup>	k e y	RfD <sub>h</sub> (mg/kg-day)	k e y	RfC <sub>h</sub> (mg/m <sup>3</sup> )	k e y	v o l	mutagen	GIABS	ABS <sub>d</sub>	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)	
4.0E-02	H												Copper	7440-50-8	3.1E+02	n	4.7E+03	n						8.0E+01	n	1.3E+03	2.8E+00	n	4.6E+01
5.0E-02	I					6.0E-01	C				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				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				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		
1.0E-01	A										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	
1.9E+00	H					6.0E-01	C				0.1	1.7E+04	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		
													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									2.7E+02	Cumene	98-82-8	1.9E+02	n	9.9E+02	ns	4.2E+01	n	1.8E+02	n	4.6E+01	n		7.4E-02	n		
8.4E-01	H					2.0E-03	H				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		
													Cyanazine	21725-46-2	6.6E-01	c*	2.7E+00	c*					8.8E-02	c*		4.1E-05	c*		
													Cyanides																
1.0E-03	I												-Calcium Cyanide	592-01-8	7.8E+00	n	1.2E+02	n					2.0E+00	n					
5.0E-03	I												-Copper Cyanide	544-92-3	3.9E+01	n	5.8E+02	n					1.0E+01	n					
6.0E-04	I					8.0E-04	G	V				9.5E+05	-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+02	1.5E-03	n	2.0E+00	
1.0E-03	I												-Cyanogen	460-19-5	7.8E+00	n	1.2E+02	n					2.0E+00	n					
9.0E-02	I												-Cyanogen Bromide	506-68-5	7.0E+02	n	1.1E+04	n					1.8E+02	n					
5.0E-02	I												-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				1.0E+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												+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					
1.0E-01	I										0.04		-Silver Cyanide	506-64-9	7.8E-02	n	1.2E+04	n					1.8E+02	n					
1.0E-03	I												-Sodium Cyanide	143-33-9	7.8E+00	n	1.2E+02	n					2.0E+00	n	2.0E+02				
2.0E-04	P												-Thiocyanates	E1790664	1.6E+00	n	2.3E+01	n					4.0E-01	n					
2.0E-04	X												-Thiocyanic Acid	463-56-9	1.6E+00	n	2.3E+01	n					4.0E-01	n					
5.0E-02	I												-Zinc Cyanide	557-21-1	3.9E+02	n	5.8E+03	n					1.0E+02	n					
2.0E-02	X					6.0E+00	I	V				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		
5.0E+00	X					7.0E-01	P	V				5.1E+03	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	X					1.0E+00	X	V				2.8E+02	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											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											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										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											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											0.1	Cypermethrin	52315-07-8	3.8E+02	n	4.9E+03	n					1.2E+02	n		1.9E+01	n		
5.0E-01	O											0.1	Cyromazine	66215-27-8	3.2E+03	n	4.1E+04	n					9.9E+02	n		2.5E-01	n		
2.4E-01	I	6.9E-05	C	3.0E-05	X							0.1	DDD, p,p'-(DDD)	72-54-6	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	C	3.0E-04	X							0.1	DDE, p,p'	72-55-9	2.0E+00	c**	9.3E+00	c**	2.9E-02	c	1.3E-01	c	4.6E-02	c*		1.1E-02	c*		
3.4E-01	I	9.7E-05	C	5.0E-04	X						0.03		DDT	50-29-3	1.9E+00	c**	8.5E+00	c**	2.9E-02	c	1.3E-01	c	2.3E-01	c**		7.7E-02	c**		
1.8E-02	C	5.1E-06	C	1.5E-01	I							0.1	Dalapon	75-99-0	1.9E+02	n	2.5E+03	n					6.0E+01	n	2.0E+02	1.2E-02	n	4.1E-02	
7.0E-04	I											0.1	Daminozide	1596-84-5	3.0E+01	c*	1.3E+02	c*	5.5E-01	c	2.4E+00	c	4.9E+00	c*		9.5E-04	c*		
4.0E-05	I											0.1	Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'-(BDE-209)	1183-19-5	4.4E+01	n	5.7E+02	n					1.4E+01	n		7.8E+00	n		
1.2E-03	I											0.1	Demeton	8065-48-3	2.5E-01	n	3.3E+00	n					4.2E-02	n					
6.1E-02	H											0.1	Di(2-ethylhexyl)adipate	103-23-1	4.5E+02	c**	1.9E+03	c*					6.5E+01	c*	4.0E+02	4.7E+00	c*	2.9E+01	
												0.1	Diallate	2303-16-4	8.9E+00	c	3.8E+01	c					5.4E-01	c		8.0E-04	c		
8.0E-01	P	6.0E-03	P	2.0E-04	P	2.0E-04	I	V	M			9.8E+02	Diazinon	333-41-5	4.4E+00	n	5.7E+01	n					1.0E+00	n		6.5E-03	n		
												0.1	Dibenzothioophene	132-65-0	7.8E+01	n	1.2E+03	n					6.5E+00	n		1.2E-01	n		
												0.1	Dibromo-3-chloropropane, 1,2-	96-12-8	5.3E-03	c*	6.4E-02	c*	1.7E-04	c	2.0E-03	c*	3.3E-04	c	2.0E-01	1.4E-07	c	8.6E-05	
												0.1	Dibromoacetic acid	631-64-1	1.6E+02	n	1.2E+03	n					6.0E+01(G)	n		1.2E-02	n		
												0.1	Dibromobenzene, 1,3-	108-36-1	3.1E+00	n	4.7E+01	n					5.3E-01	n		5.1E-04	n		
												0.1	Dibromobenzene, 1,4-	106-37-6	7.8E+01	n	1.2E+03	n					1.3E+01	n		1.2E-02	n		
8.4E-02	I											8.0E+02	Dibromochloromethane	124-48-1	8.3E+00	c*	3.9E+01	c*					8.7E-01	c*	8.0E+01(G)	2.3E-04	c*	2.1E-02	
2.0E+00	I	6.0E-04	I	9.0E-03	I	9.0E-03	I	V				1.3E+03	Dibromomethane, 1,2-	106-93-4	3.6E-02	c	1.6E-01	c	4.7E-03	c	2.0E-02	c	7.5E-03	c	5.0E-02	2.1E-06	c	1.4E-05	
												2.8E+03	Dibromomethane (Methylene Bromide)	74-95-3	2.4E+00	n	9.9E+00	n	4.2E-01	n	1.8E+00	n	8.3E-01	n		2.1E-04	n		

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; W = TEF applied; E = RPF applied; G = user's guide Section 5; M = mutagen; V = volatile; R = RBA applied; c = cancer; n = noncancer; \* = where n SL < 100X c SL; \*\* = where n SL < 10X c SL; SSL values are based on DAF=1; m = ceiling limit exceeded; s = Csat exceeded.

Toxicity and Chemical-specific Information											Contaminant		Screening Levels							Protection of Ground Water SSLs						
SFO (mg/kg-day) <sup>1</sup>	k e y	IUR (ug/m <sup>3</sup> ) <sup>1</sup>	k e y	RfD <sub>o</sub> (mg/kg-day)	k e y	RF <sub>c</sub> (mg/m <sup>3</sup> ) <sup>1</sup>	k e y	v o l	mutagen	GIABS	ABS <sub>d</sub>	C <sub>sat</sub> (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	Industrial Soil (mg/kg)	Resident Air (ug/m <sup>3</sup> )	Industrial Air (ug/m <sup>3</sup> )	Tapwater (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)				
															key	key	key	key	key	key	key	key	key			
3.5E+02	C	1.0E-01	C	6.0E-02 1.0E-03	P P	3.0E-04	P P	V		1	0.1	1.1E+05	Diethylene Glycol Monoethyl Ether Diethylformamide Diethylstilbestrol	111-90-0 617-84-5 56-53-1	3.8E+02 7.9E+00 1.6E-03	n n c	4.2E+03 4.2E+02 6.6E-03	n n c	3.1E-02 1.3E-01 2.8E-05	n n c	1.2E+02 2.0E+00 5.1E-05	n n c	2.4E-02 4.1E-04 2.8E-05	n n n		
				8.3E-02 2.0E-02	O I					1	0.1		Difenzoquat Diflubenzuron	43222-48-6 35367-38-5	5.2E+02 1.3E+02	n n	6.8E+03 1.6E+03	n n	1.7E+02 2.9E+01	n n	2.6E+01 3.3E-02	n n	2.6E+01 3.3E-02	n n		
4.4E-02	C	1.3E-05	C			4.0E+01	I V	V		1		1.4E+03	Di(2-fluoroethoxy)ethane, 1,1- Difluoropropane, 2,2- Dihydroxyacetone Diisopropyl Ether	75-37-6 420-45-1 94-58-6 108-20-3	4.8E+03 2.4E+03 9.9E+00 2.2E+02	ns ns c c	2.0E+04 1.0E+04 4.5E+01 9.4E+02	ns ns c c	4.2E+03 3.1E+03 2.2E-01 7.3E+01	n n c c	1.8E+04 6.3E+03 3.0E-01 1.5E+02	n n c n	1.4E+01 1.9E-04 3.7E-02	n c n		
				8.0E-02 2.2E-02 2.2E-03	I O O					1	0.1	5.3E+02	Diisopropyl Methylphosphonate Dimethipin Dimethoate	1445-75-6 55290-64-7 60-51-5	6.3E+02 1.4E+02 1.4E+01	ns n n	9.3E+03 1.8E+03 1.8E+02	ns n n	1.6E+02 4.4E+01 4.4E+00	n n n	4.5E-02 9.6E-03 9.9E-04	n n n	4.5E-02 9.6E-03 9.9E-04	n n n		
1.6E+00 1.7E-03 4.6E+00	P P C			6.0E-02	P					1	0.1		Dimethoxybenzidine, 3,3'- Dimethyl methylphosphonate Dimethylamino azobenzene [p-]	119-90-4 756-79-6 60-11-7	3.4E-01 3.2E+02 1.2E-01	c c** c	1.4E+00 1.4E+03 5.0E-01	c c** c	2.2E-03 9.4E-03 5.0E-03	c c c	4.7E-02 4.6E+01 5.0E-03	c c** c	5.8E-05 9.6E-03 2.1E-05	c c** c		
5.8E-01 2.0E-01 2.7E-02	H P P			2.0E-03 2.0E-03	X I					1	0.1	8.3E+02	Dimethylaniline HCl, 2,4- Dimethylaniline, 2,4- Dimethylaniline, N,N-	21436-96-4 95-68-1 121-69-7	9.4E-01 2.7E+00 1.6E-01	c c** n	4.0E+00 1.1E+01 1.2E+02	c c c**	1.3E-01 3.7E-01 2.5E+00	c c* c**	1.2E-04 9.0E-04 4.3E-05	c c c**	1.2E-04 9.0E-04 4.3E-05	c c c**		
1.1E+01	P			1.0E-01 1.0E-04	P X	3.0E-02 2.0E-06	I X	V V		1	0.1	1.1E+05 1.7E+05	Dimethylbenzidine, 3,3'- Dimethylformamide Dimethylhydrazine, 1,1-	119-93-7 66-12-2 57-14-7	4.9E-02 2.6E-02 5.7E-03	c c n	2.1E-01 1.5E+03 2.4E-02	c n n	3.1E+00 1.3E+01 8.8E-04	n n n	6.5E-03 6.1E+00 4.2E-04	n n n	4.3E-05 1.2E-03 9.3E-08	n n n		
5.5E+02	C	1.6E-01	C			1.9E+05				1	0.1		Dimethylhydrazine, 1,2- Dimethylphenol, 2,4- Dimethylphenol, 2,6- Dimethylphenol, 3,4- Dimethylvinylchloride Dinitro-o-cresol, 4,6-	540-73-8 105-67-9 576-26-1 95-65-8 513-37-1 534-52-1	8.8E-04 1.3E+02 3.8E+00 6.3E+00 1.1E+00 5.1E-01	c n n n c n	4.1E-03 1.6E+03 4.9E+01 8.2E+01 4.8E+00 6.6E+00	c n n n c n	1.8E-05 7.7E-05 9.4E-01 9.4E-01 2.2E-01 9.4E-01	n n c c c c	2.8E-05 3.6E+01 1.1E+00 1.8E+00 3.3E-01 1.5E-01	c n n n c n	6.5E-09 4.2E-02 1.3E-03 2.1E-03 1.1E-04 2.6E-04	n n n n n n		
6.8E-01	I			2.0E-03 1.0E-04 1.0E-04	I P I					1	0.1		Dinitrobenzene, 1,2- Dinitrobenzene, 1,3- Dinitrobenzene, 1,4- Dinitrophenol, 2,4- Dinitrotoluene Mixture, 2,4/2,6-	99-65-0 100-25-4 51-28-5 16185210 121-14-2	6.3E-01 8.2E+00 6.3E-01 1.3E+01 1.2E+00	n n n n c**	8.2E+00 1.6E+02 1.6E+02 3.4E+00 7.4E+00	n n n c c*	3.2E-02 1.4E-01 1.4E-01 3.2E-02 4.9E-02	c c c c c*	4.9E-02 1.9E-01 2.0E-01 3.9E+00 1.1E-01	c n n n c	6.7E-05 1.5E-04 1.8E-04 1.8E-04 4.4E-03 1.5E-04	c n n n n c		
3.1E-01 1.5E+00	C P	8.9E-05 C		2.0E-03 3.0E-04 1.0E-04	X X X					1	0.102 0.099 0.006		Dinitrotoluene, 2,4- Dinitrotoluene, 2,6- Dinitrotoluene, 2-Amino-4,6- Dinitrotoluene, 4-Amino-2,6- Dinitrotoluene, Technical grade Dinoseb	606-20-9 35572-78-2 19408-51-0 25321-14-6 88-85-7	1.2E+00 3.6E-01 7.7E-01 7.7E-01 1.2E+00 6.3E+00	c** c** n n c** c*	7.4E+00 1.5E+00 1.1E+01 1.1E+01 5.1E+00 8.2E+01	c** c** n n c* n	3.2E-02 1.4E-01 1.4E-01 1.4E-01 2.2E-01 1.5E+00	c c c c c c	4.9E-02 1.9E-01 1.9E-01 1.9E-01 1.0E-01 1.5E+00	c n n n c* c*	3.2E-04 1.6E-04 1.5E-04 1.5E-04 1.4E-04 1.3E-02	c n n n c* c*		
1.0E-01	I	5.0E-06	I	3.0E-02	I	3.0E-02	I V			1		1.2E+05	Dioxane, 1,4- Dioxins -Hexachlorodibenzo-p-dioxin, Mixture -TCDD, 2,3,7,8- Diphenamid Diphenyl Ether	129-91-1 34465-46-8 1746-01-6 957-51-7 101-84-8	5.3E+00 1.0E-04 4.8E-06 1.9E-02 3.4E+00	c* c c** n n	2.4E+01 4.7E-04 2.2E-05 2.5E+03 1.4E+01	c* c c** n n	5.6E-01 2.2E-06 7.4E-08 3.2E-07 4.2E-02	c** c c c n	2.5E+00 1.3E-05 9.4E-06 3.2E-07 1.8E-01	c** c c c n	4.6E-01 1.3E-05 1.2E-07 5.3E+01 8.3E-02	c n c n n	9.4E-05 1.7E-05 5.9E-08 5.2E-01 3.4E-04	c n c n n
8.0E-01	I	2.2E-04	I	8.0E-04 1.0E-01	X O					1	0.1		Diphenyl Sulfone Diphenylamine Diphenylhydrazine, 1,2-	127-63-9 122-39-4 222-66-7	5.1E+00 6.3E+02 6.8E-01	n n c	6.6E+01 8.2E+03 2.9E+00	n n c	1.3E-02 5.6E-02 7.8E-02	c c c	1.5E+00 1.3E+02 7.8E-02	n n n	3.6E-03 2.3E-01 2.5E-04	n n n		
7.4E+00 7.4E+00 6.7E+00	C C C	2.1E-03 C C		2.2E-03	I					1	0.1		Diquat Direct Black 38 Direct Blue 6 Direct Brown 95	12764-72-9 1937-37-7 2692-46-2 16971-86-6	1.4E+01 7.3E-02 7.3E-02 8.1E-02	n c c c	1.8E+02 3.1E-01 3.1E-01 3.4E-01	n c c c	1.3E-03 1.3E-03 1.5E-03 6.5E-03	c c c c	4.0E+00 1.1E-02 1.1E-02 1.2E-02	n c c c	2.0E+01 5.1E+00 1.7E+01 1.6E-01	n c c n		
				4.0E-05 1.0E-02	I I			V		1	0.1		Disulfoton Dithiane, 1,4-	298-04-4 505-29-3	2.5E-01 7.8E+01	n n	3.3E+00 1.2E+03	n n	5.0E-02 2.0E+01	n n	9.4E-05 9.7E-03	n n	9.4E-05 9.7E-03	n n		
				2.0E-03 2.0E-02 5.0E-02	I O O					1	0.1		Diuron Dodine EPTC	330-54-1 2439-10-3 759-94-4	1.3E+01 1.3E+02 3.9E+02	n n n	1.6E+02 1.6E+03 5.8E+03	n n n	7.7E+02 4.0E+01 7.5E+01	n n n	1.5E-03 4.0E-02 4.0E-02	n n n	1.5E-03 4.0E-02 4.0E-02	n n n		
				6.0E-03 6.0E-03 2.0E-02	I P I			V		1	0.1		Endosulfan Endosulfan Sulfate Endothal	115-29-7 1031-07-8 145-73-3	4.7E+01 3.8E+01 1.3E+02	n n n	7.0E+02 4.9E+02 1.6E+03	n n n	1.0E+01 1.1E+01 3.8E+01	n n n	1.4E-01 2.1E-01 1.0E+02	n n n	1.4E-01 2.1E-01 9.1E-03	n n n		
9.9E-03	I	1.2E-06	I	3.0E-04 6.0E-03	I P	1.0E-03	I V			1		1.1E+04	Endrin Epichlorohydrin Epoxybutane, 1,2-	72-20-8 106-89-8 106-88-7	1.9E+00 1.9E+00 1.6E+01	n n n	2.5E+01 8.2E+00 6.7E+01	n n n	1.0E-01 4.4E-01 8.8E+00	n n n	2.3E-01 2.0E-01 4.2E+00	n n n	9.2E-03 4.5E-05 9.2E-04	n n n		
				4.0E-02 5.0E-03 5.0E-04	P I I					1	0.1		Ethanol, 2-(2-methoxyethoxy)- Ethion Ethion	111-77-3 16672-87-0 563-12-2	2.5E+02 3.2E+01 3.2E+00	n n n	3.3E+03 4.1E+01 4.1E+01	n n n	8.0E+01 1.0E+01 4.3E-01	n n n	1.6E-02 2.1E-03 8.5E-04	n n n				
				1.0E-01 9.0E-02 9.0E-01	P P I	6.0E-02	P V	V V		1		2.4E+04	Ethoxyethanol Acetate, 2- Ethoxyethanol, 2- Ethyl Acetate	111-15-9 110-90-5 141-78-6	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 2.1E+03 2.0E-01	P I I	8.0E-03	P V	V V		1		2.5E+03	Ethyl Acrylate Ethyl Chloride (Chloroethane) Ethyl Ether	140-88-5 75-00-3 60-29-7	4.7E+00 1.4E+03 1.6E+03	n ns n	2.1E+01 5.7E+03 2.3E+04	n ns ns	8.3E-01 1.0E+03 1.0E+03	n n n	1.4E+00 2.1E+03 3.9E+02	n n n	3.2E-04 5.9E-01 8.8E-02	n n n		
1.1E-02	C	2.5E-06	C	1.0E-05 1.0E-01	I I	3.0E-01	P V	V V		1	0.1		Ethyl Methacrylate Ethyl-p-nitrophenyl Phosphonate Ethylbenzene	97-63-2 2104-64-5 100-41-4	1.8E+02 6.3E-02 5.8E+00	n n c*	7.6E+02 8.2E-01 2.5E+01	n n c*	3.1E+01 1.7E+02 1.1E+00	n n c*	1.3E+02 8.9E-03 4.9E+00	n n c*	6.3E+01 8.9E-03 1.5E+00	n n c*	1.5E-02 2.8E-04 1.7E-03	n n c*
				7.0E-02 9.0E-02 2.0E+00	P P I	4.0E-01	C V			1	0.1	1.9E+05	Ethylene Cyanohydrin Ethylene Diamine Ethylene Glycol	109-78-4 107-15-3 107-21-1	4.4E+02 7.0E+02 1.3E+04	n n nm	5.7E+03 1.1E+04 1.6E+05	n n nm	4.2E+01 1.8E+02 2.0E+03	n n n	1.4E+02 1.8E+02 4.0E+03	n n n	2.8E-02 4.1E-02 8.1E-01	n n n		
3.1E-01 4.5E-02 6.5E+01	C C C	3.0E-03 C C	I	1.0E-01 3.0E-05	I I	3.0E-02	C V	M		1	0.1	1.2E+05	Ethylene Glycol Monobutyl Ether Ethylene Oxide Ethylene Thiourea Ethyleneimine	111-76-2 75-21-8 96-45-7 151-56-4	6.3E+02 2.0E-03 5.1E-01 2.7E-03	n c n c	8.2E+03 2.5E-02 6.6E+00 1.2E-02	n c n c	1.7E+02 3.4E-04 2.2E-01 1.5E-04	n c c c	7.0E+02 4.1E-03 6.7E-04 6.5E-04	n c c c	7.8E-01 1.4E-07 1.4E-07 5.2E-08	n c c c		



Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; W = TEF applied; E = RPF applied; G = user's guide Section 5; M = mutagen; V = volatile; R = RBA applied; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = ceiling limit exceeded; s = Csat exceeded.															Contaminant			Screening Levels									Protection of Ground Water SSLs														
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> -day) <sup>1</sup>	key	RfD <sub>c</sub> (mg/kg-day)	key	RfC (mg/m <sup>3</sup> -day)	key	vol	mutagen	GIABS	ABS <sub>d</sub>	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-04	X										1	0.1	Lactonitrile	78-97-7	1.3E+00	n	1.6E+01	n					4.0E-01	n		8.1E-05	n														
5.0E-05	P										1		Lanthanum	7439-91-0	3.9E-01	n	5.8E+00	n					1.0E-01	n																	
2.1E-05	P										1	0.1	Lanthanum Acetate Hydrate	100587-90-4	1.3E-01	n	1.7E+00	n					4.2E-02	n																	
1.9E-05	P										1		Lanthanum Chloride Heptahydrate	10025-84-0	1.5E-01	n	2.2E+00	n					3.7E-02	n																	
2.8E-05	P										1		Lanthanum Chloride, Anhydrous	10099-58-8	2.2E-01	n	3.3E+00	n					5.7E-02	n																	
1.6E-05	P										1		Lanthanum Nitrate Hexahydrate	10277-43-7	1.3E-01	n	1.9E+00	n					3.2E-02	n																	
8.5E-03	C	1.2E-05	C								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		7.5E-05	c														
2.1E-01	C	8.0E-05	C								1	0.1	-Lead acetate	301-04-2	2.6E+00	c	1.1E+01	c	3.5E-02	c	1.5E-01	c	3.7E-01	c																	
3.8E-02	C	1.1E-05	C								1		-Lead and Compounds	7439-92-1	4.0E+02	G	8.0E+02	G	1.5E-01	G			1.5E+01	G	1.5E+01			1.4E+01													
											1	0.1	-Lead subacetate	1335-32-6	1.4E+01	c	6.0E+01	c	2.6E-01	c	1.1E+00	c	2.1E+00	c		4.5E-04	c														
		1.0E-07	I					V			1	2.4E+00	-Tetraethyl Lead	78-00-2	7.8E-04	n	1.2E-02	n					1.3E-04	n		4.7E-07	n														
		5.0E-06	P					V			1	3.8E+02	Lewisite	541-25-3	3.9E-02	n	5.8E-01	n					9.0E-03	n		3.8E-06	n														
7.7E-03	O										1	0.1	Linuron	330-55-2	4.9E+01	n	6.3E+02	n					1.3E+01	n		1.1E-02	n														
2.0E-03	P										1		Lithium	7439-93-2	1.6E+01	n	2.3E+02	n					4.0E+00	n		1.2E+00	n														
5.0E-04	I										1	0.1	MCPA	94-74-6	3.2E+00	n	4.1E+01	n					7.5E-01	n		2.0E-04	n														
4.4E-03	O										1	0.1	MCPB	94-81-5	2.8E+01	n	3.6E+02	n					6.5E+00	n		2.6E-03	n														
1.0E-03	I										1	0.1	MCPB	93-65-0	6.3E-00	n	8.2E+01	n					1.6E+00	n		4.7E-04	n														
2.0E-02	I										1	0.1	MCPB	121-75-5	1.3E-02	n	1.6E+03	n					3.9E+01	n		1.0E-02	n														
1.0E-01	I	7.0E-04	C								1	0.1	Maleic Anhydride	108-31-6	6.3E-02	n	8.0E+03	n	7.3E-02	n	3.1E-01	n	1.9E+02	n		3.8E-02	n														
5.0E-01	I										1	0.1	Maleic Hydrazide	123-33-1	3.2E-03	n	4.1E+04	n					1.0E+03	n		2.1E-01	n														
1.0E-04	P										1	0.1	Malononitrile	109-77-3	6.3E-01	n	8.2E+00	n					2.0E-01	n		4.1E-05	n														
3.0E-02	H										1	0.1	Mancozeb	8018-01-7	1.9E+02	n	2.5E+03	n					5.4E+01	n		7.6E-02	n														
5.0E-03	I										1	0.1	Maneb	12427-38-2	3.2E+01	n	4.1E+02	n					9.8E+00	n		1.4E-02	n														
1.4E-01	I	5.0E-05	I								1		Manganese (Diet)	7439-96-5	1.8E+02	n	2.6E+03	n	5.2E-03	n	2.2E-02	n	4.3E+01	n		2.8E+00	n														
2.4E-02	G	5.0E-05	I	0.04							1		Manganese (Non-diet)	7439-96-5	1.8E+02	n	2.6E+03	n	5.2E-03	n	2.2E-02	n	4.3E+01	n		2.8E+00	n														
9.0E-05	H										1	0.1	Mephosfolan	950-10-7	5.7E-01	n	7.4E+00	n					1.8E-01	n		2.6E-04	n														
3.0E-02	I										1	0.1	Mepiquat Chloride	24307-26-4	1.9E+02	n	2.5E+03	n					6.0E+01	n		2.0E-02	n														
1.1E-02	P										1	0.1	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	G							0.07			-Mercuric 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																
1.0E-04	I	3.0E-04	I V								1	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										1	0.1	-Methyl Mercury	22967-92-6	7.8E-01	n	1.2E+01	n					2.0E-01	n		1.4E+00	n														
3.0E-05	I		V								1		-Phenylmercuric Acetate	6238-4-4	5.1E-01	n	6.8E+00	n					1.8E-01	n		5.9E-05	n														
6.0E-02	I										1	0.1	Merphos	150-50-5	2.3E-01	n	3.5E+00	n					6.0E-02	n		5.9E-03	n														
1.0E-04	I	3.0E-02	P V								1	4.6E+03	Metallaxyl	57837-19-1	3.8E+02	n	4.9E+03	n					1.2E+02	n		3.3E-02	n														
5.0E-05	I										1	0.1	Methacrylonitrile	126-93-7	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	1.1E+05	Methamidophos	10266-92-6	3.2E-01	n	4.1E+00	n					1.0E-01	n		2.1E-05	n														
1.5E-03	O										1	0.1	Methanol	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														
2.5E-02	C										1	0.1	Methidathion	950-37-8	9.6E+00	n	1.2E+02	n					2.9E+00	n		7.1E-04	n														
5.0E-03	P	1.0E-03	P V								1	1.2E+05	Methomyl	16752-77-5	1.6E+02	n	2.1E+03	n					5.0E+01	n		1.1E-02	n														
1.0E-03	X										1	0.1	Methoxy-5-nitroaniline, 2-Methoxychlor	99-59-2	1.1E+01	c	4.7E+01	c					1.5E+00	c	4.0E+01	5.3E-04	c	2.2E+00													
8.0E-03	P	1.0E-03	P V								1	1.2E+05	Methoxychlor	72-43-5	3.2E+01	n	4.1E+02	n					3.7E+00	n		2.0E-01	n	2.2E+00													
5.0E-03	P	2.0E-02	I V								1	1.1E+05	Methoxyethanol Acetate, 2-Methoxyethanol, 2-Methyl Acetate	110-49-6	1.1E+01	n	5.1E+01	n	1.0E-01	n	4.4E-01	n	2.1E-01	n		4.2E-05	n														
1.0E+00	X										1	2.9E+04	Methoxyethanol, 2-Methyl Acetate	109-86-4	3.3E+01	n	3.5E+02	n	2.1E+00	n	8.8E+00	n	2.9E+00	n		5.9E-04	n														
6.0E-01	I	5.0E+00	I V								1	6.8E+03	Methyl Acrylate	79-20-9	7.8E+03	n	1.2E+05	nms					2.0E+03	n		4.1E-01	n														
1.0E-03	X										1	1.8E+05	Methyl Ethyl Ketone (2-Butanone)	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														
1.4E+00	I	7.0E-01	I V								1	2.4E+03	Methyl Ethyl Ketone (4-methyl-2-pentanone)	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														
2.5E-04	X										1	0.1	Methyl Isobutyl Ketone	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														
6.0E-02	X										1	1.8E+05	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														
9.9E-02	C	2.8E-05	C								1	0.1	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														
1.8E-03	C	2.6E-07	C								1	0.1	Methyl Parathion	298-00-0	1.8E+00	n	2.1E+01	n					4.5E-01	n		7.4E-04	n														
											1	0.1	Methyl Phosphonic Acid	993-13-5	3.8E+02	n	4.9E+03	n					1.2E+02	n		2.4E-02	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> ) <sup>-1</sup>	key	RfD <sub>d</sub> (mg/kg-day)	key	RfC (mg/m <sup>3</sup> )	key	Vol (l)	mutagen	GIABS	Abs <sub>d</sub>	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)			
		2.5E-02		3.0E-04	X						0.1		Mucibutanolil	88671-89-0	1.6E+02	n	2.1E+03	n					4.5E+01	n		5.6E-01	n				
		2.0E-03		3.0E-04	X				V		0.1		N,N'-Diphenyl-1,4-benzenediamine	74-31-7	1.9E+00	n	2.5E+01	n					3.6E-01	n		3.7E-02	n				
		2.0E-03		3.0E-04	X						0.1		Naled	300-76-5	1.6E+01	n	2.3E+02	n					4.0E+00	n		1.8E-03	n				
1.8E+00	C	0.0E+00	C	1.2E-01	O						0.1		Naphtha, High Flash Aromatic (HFAN)	64742-95-6	2.3E+02	n	3.5E+03	n	1.0E+01	n	4.4E+01	n	1.5E+01	n		2.0E-04	c				
		1.2E-01		3.0E-02	X	1.0E-01	P	V			0.1		Naphthylamine, 2-	91-59-8	3.0E-01	c	1.3E+00	c					3.9E-02	c		1.3E+00	n				
		1.2E-01		3.0E-02	X	1.0E-01	P	V			0.1		Napropamide	15299-99-7	7.6E+02	n	9.8E+03	n					2.0E+02	n		1.7E-05	c				
9.1E-01	C	2.6E-04	C	1.1E-02	C	1.4E-05	C				0.1		Nickel Acetate	373-02-4	6.0E-01	c	2.5E+00	c	1.5E-03	n	6.1E-03	n	8.6E-02	c							
9.1E-01	C	2.6E-04	C	1.1E-02	C	1.4E-05	C				0.1		Nickel Carbonate	3333-67-3	6.0E-01	c	2.5E+00	c	1.5E-03	n	6.1E-03	n	8.6E-02	c							
9.1E-01	C	2.6E-04	C	1.1E-02	C	1.4E-05	C	V			0.1		Nickel Carbonyl	13463-39-3	7.6E-01	c	3.6E+00	c	1.5E-03	n	6.1E-03	n	2.9E-03	n							
9.1E-01	C	2.6E-04	C	1.1E-02	C	1.4E-05	C			0.04			Nickel Hydroxide	12054-48-7	7.6E-01	c	3.6E+00	c	1.5E-03	n	6.1E-03	n	7.6E-02	c							
9.1E-01	C	2.6E-04	C	1.1E-02	C	2.0E-05	C			0.04			Nickel Oxide	1313-99-1	7.6E-01	c	3.6E+00	c	2.1E-03	n	8.8E-03	n	7.6E-02	c							
9.1E-01	C	2.6E-04	I	1.1E-02	C	1.4E-05	C			0.04			Nickel Refinery Dust	E715532	7.6E-01	c	3.6E+00	c	1.5E-03	n	6.1E-03	n	8.3E-02	c							
1.7E+00	C	4.8E-04	I	1.1E-02	C	1.4E-05	C			0.04			Nickel Soluble Salts	7440-02-0	1.5E+02	n	2.2E+03	n	9.4E-03	n	3.9E-02	n	3.9E+01	n		2.6E+00	n				
9.1E-01	C	2.6E-04	C	1.1E-02	C	1.4E-05	C			0.1			Nickel Sulfide	12035-72-2	4.1E-01	c	1.9E+00	c	1.5E-03	n	6.1E-03	n	4.5E-02	c							
		1.6E+00		1.0E-01	I						1		Nickelocene	1271-28-9	6.0E-01	c	2.5E+00	c	1.5E-03	n	6.1E-03	n	8.6E-02	c							
		1.0E-01		1.0E-02	X	5.0E-05	X				0.1		Nitrate (measured as nitrogen)	14797-55-8	1.3E+04	n	1.9E+05	nm					3.2E+03	n	1.0E+04						
		1.0E-01		1.0E-02	X	5.0E-05	X				0.1		Nitrate * Nitrite (measured as nitrogen)	E701177	1.3E+04	n	1.9E+05	nm					3.2E+03	n	1.0E+04						
		1.0E-01		1.0E-02	X	5.0E-05	X				0.1		Nitrite (measured as nitrogen)	14797-55-0	7.8E-02	n	1.2E+04	n					2.0E+02	n							
2.0E-02	P	4.0E-05	I	2.0E-03	I	9.0E-03	I	V			1	3.1E+03	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-05	I	2.0E-03	I	9.0E-03	I	V			1	3.1E+03	Nitroaniline, 4-	100-01-6	2.5E-01	n	1.1E+02	c**	3.8E-01	n	2.6E+00	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**		
		3.0E+03		7.0E-02	H						1	1.8E+04	Nitrocellulose	9904-70-0	1.9E+07	nm	2.5E+08	nm					6.0E+06	n		1.3E+03	n				
		3.0E+03		7.0E-02	H						1	1.8E+04	Nitrofurantoin	67-20-9	4.4E+02	n	5.7E+03	n					1.4E+02	n		6.1E-02	n				
1.3E+00	C	3.7E-04	C	1.0E-04	P						1	1.8E+04	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-04	P						1	1.8E+04	Nitroglycerin	55-63-0	6.3E-01	n	8.2E+00	n					2.0E-01	n		8.5E-05	n				
		8.8E-06	P	1.0E-04	P						1	1.8E+04	Nitroquinidine	556-88-7	6.3E-02	n	8.2E+03	n					2.0E+02	n		4.8E-02	n				
		5.8E-04	X	2.0E-02	I	V					1	4.9E+03	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	3.4E-02	C				M		1	0.1	Nitropropane, 2-	79-46-9	6.4E-02	c	2.8E-01	c	4.8E-03	c	2.1E-02	c	9.7E-03	c		2.5E-06	c				
1.2E+02	C	3.4E-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				
		3.4E-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	1.6E-03	I						1	0.1	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	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	Nitrosodihethanolamine, 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	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	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						1	1.1E+05	Nitrosomethylethylamine, N-	10598-95-6	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	4.6E-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				
2.2E-01	P	9.0E-04	P	9.0E-04	P						1	1.5E+03	Nitrotoluene, m-	99-08-1	6.3E-01	n	8.2E+00	n					1.7E-01	n		1.6E-04	n				
1.6E-02	P	4.0E-03	P	4.0E-03	P						1	0.1	Nitrotoluene, o-	88-72-2	3.2E+00	c**	1.5E+01	c**					3.1E-01	c**		3.0E-04	c**				
		4.0E-03	P	4.0E-03	P						1	0.1	Nitrotoluene, p-	99-09-0	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	1.5E-02	O						1	0.1	Nonflurazone	27314-13-2	9.5E+01	n	1.2E+03	n					2.9E+01	n		1.9E-01	n				
		3.0E-03	I	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	5.0E-02	I					0.006			Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	2691-41-0	3.9E+02	n	5.7E+03	n													

Regional Screening Level (RSL) Summary Table (TR=1E-06, HQ=0.1) May 2021

Toxicity and Chemical-Specific Information															Contaminant		Screening Levels							Protection of Ground Water SSLs					
SFO (mg/kg-day) <sup>1</sup>	k e y	IUR (ug/m <sup>3</sup> ) <sup>1</sup>	k e y	RF <sub>D</sub> (mg/kg-day)	k e y	RF <sub>C</sub> (mg/m <sup>3</sup> )	k e y	v o l	mutagen	GIABS	ABS <sub>d</sub>	C <sub>sat</sub> (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	k e y	Industrial Soil (mg/kg)	k e y	Resident Air (ug/m <sup>3</sup> )	k e y	Industrial Air (ug/m <sup>3</sup> )	k e y	Tapwater (ug/L)	k e y	MCL (ug/L)	Risk-based SSL (mg/kg)	k e y	MCL-based SSL (mg/kg)	
1.2E-01	P	4.0E-03	P	4.0E-03	X	1.0E-03				1	0.1		Phenylenediamine, o-Phenylenediamine, D-	95-54-5	4.5E+00	c**	1.9E+01	c*						6.5E-01	c*		1.7E-04	c*	
										1	0.1		Phenylphenol, 2-Phorate	106-50-3	6.3E+00	n	8.2E+01	n						2.0E+00	n		5.4E-04	n	
1.9E-03	H			2.0E-04	H					1	0.1	1.6E+03	Phosgene	90-43-7	2.8E+02	c	1.2E+03	c						3.0E+01	c		4.1E-01	c	
						3.0E-04	I	V		1			Phosmet	298-02-2	1.3E+00	n	1.6E+01	n						3.0E-01	n		3.4E-04	n	
				2.0E-02	I					1	0.1		Phosphates, Inorganic	75-44-5	3.1E-02	n	1.3E-01	n	3.1E-02	n	1.3E-01	n		6.3E-02	n		1.6E-05	n	
				4.9E+01	P					1			-Aluminum metaphosphate	732-11-6	1.3E+02	n	1.6E+03	n						3.7E+01	n		8.2E-03	n	
				4.9E+01	P					1			-Ammonium polyphosphate	13776-88-0	3.8E+05	nm	5.7E+06	nm						9.7E+04	n				
				4.9E+01	P					1			-Calcium pyrophosphate	68333-79-9	3.8E+05	nm	5.7E+06	nm						9.7E+04	n				
				4.9E+01	P					1			-Diammonium phosphate	7790-76-3	3.8E+05	nm	5.7E+06	nm						9.7E+04	n				
				4.9E+01	P					1			-Dicalcium phosphate	7783-28-0	3.8E+05	nm	5.7E+06	nm						9.7E+04	n				
				4.9E+01	P					1			-Dimagnesium phosphate	7757-93-9	3.8E+05	nm	5.7E+06	nm						9.7E+04	n				
				4.9E+01	P					1			-Dipotassium phosphate	7782-75-4	3.8E+05	nm	5.7E+06	nm						9.7E+04	n				
				4.9E+01	P					1			-Disodium phosphate	7758-11-4	3.8E+05	nm	5.7E+06	nm						9.7E+04	n				
				4.9E+01	P					1			-Monoaluminum phosphate	7558-79-4	3.8E+05	nm	5.7E+06	nm						9.7E+04	n				
				4.9E+01	P					1			-Monoammonium phosphate	13530-90-2	3.8E+05	nm	5.7E+06	nm						9.7E+04	n				
				4.9E+01	P					1			-Monocalcium phosphate	7722-76-1	3.8E+05	nm	5.7E+06	nm						9.7E+04	n				
				4.9E+01	P					1			-Monopotassium phosphate	7558-23-8	3.8E+05	nm	5.7E+06	nm						9.7E+04	n				
				4.9E+01	P					1			-Monopotassium phosphate	7757-96-0	3.8E+05	nm	5.7E+06	nm						9.7E+04	n				
				4.9E+01	P					1			-Monopotassium phosphate	7778-77-0	3.8E+05	nm	5.7E+06	nm						9.7E+04	n				
				4.9E+01	P					1			-Monosodium phosphate	7558-80-7	3.8E+05	nm	5.7E+06	nm						9.7E+04	n				
				4.9E+01	P					1			-Polyphosphoric acid	8017-16-1	3.8E+05	nm	5.7E+06	nm						9.7E+04	n				
				4.9E+01	P					1			-Potassium tripolyphosphate	13845-36-3	3.8E+05	nm	5.7E+06	nm						9.7E+04	n				
				4.9E+01	P					1			-Sodium acid pyrophosphate	7758-16-9	3.8E+05	nm	5.7E+06	nm						9.7E+04	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				
				4.9E+01	P					1			-Sodium aluminum phosphate (anhydrous)	10279-59-1	3.8E+05	nm	5.7E+06	nm						9.7E+04	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				
				4.9E+01	P					1			-Sodium hexametaphosphate	10124-56-8	3.8E+05	nm	5.7E+06	nm						9.7E+04	n				
				4.9E+01	P					1			-Sodium polyphosphate	68915-31-1	3.8E+05	nm	5.7E+06	nm						9.7E+04	n				
				4.9E+01	P					1			-Sodium trimetaphosphate	7785-84-4	3.8E+05	nm	5.7E+06	nm						9.7E+04	n				
				4.9E+01	P					1			-Sodium tripolyphosphate	7758-29-4	3.8E+05	nm	5.7E+06	nm						9.7E+04	n				
				4.9E+01	P					1			-Tetrapotassium phosphate	7320-34-5	3.8E+05	nm	5.7E+06	nm						9.7E+04	n				
				4.9E+01	P					1			-Tetrasodium pyrophosphate	7722-88-5	3.8E+05	nm	5.7E+06	nm						9.7E+04	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				
				4.9E+01	P					1			-Tricalcium phosphate	7758-87-5	3.8E+05	nm	5.7E+06	nm						9.7E+04	n				
				4.9E+01	P					1			-Trimagnesium phosphate	7757-87-1	3.8E+05	nm	5.7E+06	nm						9.7E+04	n				
				4.9E+01	P					1			-Tripotassium phosphate	7778-53-2	3.8E+05	nm	5.7E+06	nm						9.7E+04	n				
				4.9E+01	P					1			-Trisodium phosphate	7601-54-9	3.8E+05	nm	5.7E+06	nm						9.7E+04	n				
3.0E-04	I	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				
4.9E+01	P	1.0E-02	I							1			Phosphoric Acid	7664-38-2	3.0E+05	nm	2.9E+06	nm	1.0E+00	n	4.4E+00	n		9.7E+04	n				
2.0E-05	I							V		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	2.0E-02	I					1	0.1		Phthalates																
1.9E-03	P			2.0E-01	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		-Butyl Benzyl Phthalate	85-68-7	2.9E+02	c**	1.2E+03	c*						1.6E+01	c*		2.4E-01	c*	
				1.0E-01	I					1	0.1		-Butylphthalyl Butylacrylate	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			V		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	
				5.0E-01	X					1	0.1		-Phthalic Acid, p-	100-21-0	3.2E+03	n	4.1E+04	n						9.4E+02	n		3.4E-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		6.5E-01	n	
				7.0E-02	I					1	0.1		-Phtloram	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	
				2.0E-03	X					1	0.1		-Picric Acid (2,4,6-Trinitrophenol)	88-89-1	1.3E-01	n	1.6E+02	n						4.0E+00	n		1.9E-02	n	
				7.0E-05	O					1	0.1		-Pirimiphos, Methyl	29232-93-7	4.4E-01	n	5.7E+00	n						8.5E-02	n		8.1E-05	n	
3.0E+01	C	8.6E-03	C	7.0E-06	H					1	0.1		-Polybrominated Biphenyls	36355-01-8	1.8E-02	c**	7.7E-02	c**	3.3E-04	c	1								



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> -day) <sup>1</sup>	k <sub>e</sub> y	RfD <sub>c</sub> (mg/kg-day)	k <sub>e</sub> y	RfC <sub>c</sub> (mg/m <sup>3</sup> )	k <sub>e</sub> y	v <sub>o</sub> mutagen	GIABS	Abs <sub>d</sub>	C <sub>sat</sub> (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	Industrial Soil (ug/m <sup>3</sup> )	Resident Air (ug/m <sup>3</sup> )	Industrial Air (ug/m <sup>3</sup> )	Tapwater (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	Key	MCL-based SSL (mg/kg)			
				6.0E-02				V			0.13	~Acenaphthene	83-32-9	3.6E+02	n	4.5E+03	n	5.3E+01	n	5.5E-01	n				
				3.0E-01				V			0.13	~Anthracene	120-12-7	1.8E+03	n	2.3E+04	n	1.8E+02	n	5.8E+00	n				
1.0E-01	E	6.0E-05	E					V			0.13	~Benzofluoranthene	56-55-3	1.1E+00	c	2.1E+01	c	1.7E-02	c	3.0E-02	c	1.1E-02	c		
1.2E+00	C	1.1E-04	C					V			0.13	~Benzofluoranthene	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			0.13	~Benzofluoranthene	50-32-8	1.1E-01	c*	2.1E+00	c*	2.1E-04	n	8.8E-04	n	2.5E-02	c*		
1.0E-01	E	6.0E-05	E					M			0.13	~Benzofluoranthene	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					M			0.13	~Benzofluoranthene	207-08-9	1.1E+01	c	2.1E+02	c	1.7E-01	c	2.0E+00	c	2.5E+00	c		
1.0E-03	E	6.0E-07	E					M			0.13	~Chloronaphthalene, Beta-	91-58-7	4.8E+02	n	6.0E+03	n	7.5E+01	n	3.9E-01	n				
1.0E+00	E	6.0E-04	E					M			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		
1.2E+01	C	1.1E-03	C					M			0.13	~Dibenz[a,h]anthracene	53-70-3	1.1E-01	c	2.1E+00	c	1.7E-03	c	2.0E-02	c	2.5E-02	c		
2.5E+02	C	7.1E-02	C					M			0.13	~Dibenzo(a,e)pyrene	192-65-4	4.2E-02	c	1.8E-01	c	2.6E-03	c	1.1E-02	c	6.5E-03	c		
				4.0E-02				M			0.13	~Dimethylbenz(a)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				V			0.13	~Fluorene	206-44-0	2.4E+02	n	3.0E+03	n	8.0E+01	n	8.9E+00	n				
1.0E-01	E	6.0E-05	E					V			0.13	~Fluorene	86-73-7	2.4E+02	n	3.0E+03	n	2.9E+01	n	5.4E-01	n				
2.9E-02	P			7.0E-02	A			M			0.13	~Indeno[1,2,3-cd]pyrene	193-39-5	1.1E+00	c	2.1E+01	c	1.7E-02	c	2.0E-01	c	2.5E-01	c		
				4.0E-03	I			V			0.13	~Methylnaphthalene, 1-	90-12-0	1.8E+01	c*	7.3E+01	c*	1.1E+00	c*	6.0E-03	c*				
1.2E+01	C	3.4E-05	C	2.0E-02	I	3.0E-03	I	V			0.13	~Methylnaphthalene, 2-	91-57-4	2.4E+01	n	3.0E+02	n	3.6E+00	n	1.9E-02	n				
1.2E+00	C	1.1E-04	C					V			0.13	~Naphthalene	91-20-3	2.0E+00	c**	8.6E+00	c**	8.3E-02	c**	3.6E-01	c**	1.2E-01	c**		
				3.0E-02	I			V			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		
1.5E-01	I			3.0E-04	P			V			0.1	~Pyrene	129-09-0	1.8E-02	n	2.3E+03	n	1.2E+01	n	1.3E+00	n				
				3.0E-04	P			V			0.1	Potassium Perfluorobutane Sulfonate	29420-49-3	1.9E+00	n	2.5E+01	n	6.0E-01	n	3.0E-04	n				
				9.0E-03	I			V			0.1	Prochloraz	67747-09-5	3.6E+00	c*	1.5E+01	c*	3.8E-01	c*	1.9E-03	c*				
				6.0E-03	H			V			0.1	Profuralin	26399-36-0	4.7E+01	n	7.0E+02	n	2.6E+00	n	1.6E-01	n				
				1.5E-02	I			V			0.1	Prometon	1610-18-0	9.5E+01	n	1.2E+03	n	2.5E+01	n	1.2E-02	n				
				4.0E-02	O			V			0.1	Prometryn	7287-19-6	2.5E+02	n	3.3E+03	n	6.0E+01	n	9.0E-02	n				
				7.5E-02	I			V			0.1	Pronamide	23950-56-5	4.7E+02	n	6.2E+03	n	1.2E+02	n	1.2E-01	n				
				1.3E-02	I			V			0.1	Propachlor	1918-16-7	8.2E+01	n	1.1E+03	n	2.5E+01	n	1.5E-02	n				
				5.0E-03	I			V			0.1	Propamil	709-98-8	3.2E+01	n	4.1E+02	n	8.2E+00	n	4.5E-03	n				
1.9E-01	O			4.0E-02	O			V			0.1	Propazine	2312-35-8	2.8E+00	c*	1.2E+01	c	1.6E-01	c	1.1E-02	c				
				2.0E-03	I			V			0.1	Propargyl Alcohol	107-19-7	1.6E+01	n	2.3E+02	n	4.0E+00	n	8.1E-04	n				
				2.0E-02	I			V			0.1	Propazine	139-40-2	1.3E+02	n	1.6E+03	n	3.4E+01	n	3.0E-02	n				
				1.0E-01	O			V			0.1	Propaph	122-42-9	1.3E+02	n	1.6E+03	n	3.5E+01	n	2.2E-02	n				
				8.0E-03	I			V			0.1	Propiconazole	60207-90-1	6.3E+02	n	8.2E+03	n	1.6E+02	n	5.3E-01	n				
				1.0E-01	X	1.0E+00	X	V			3.3E+04	Propionaldehyde	123-38-6	7.5E+00	n	3.1E+01	ns	8.3E-01	n	3.5E+00	n	1.7E+00	n		
				3.0E+00	C	3.0E+00	C	V			3.5E+02	Propyl benzene	103-65-1	3.9E+02	ns	2.4E+03	ns	1.0E-02	n	4.4E+02	n	6.6E+01	n		
				2.0E+01	P			V			0.1	Propylene Glycol	115-07-1	2.2E+02	nm	9.3E+02	nm	3.1E+02	n	1.3E+03	n	6.3E+02	n		
				2.7E-04	A			V			0.1	Propylene Glycol Dinitrate	6423-43-4	3.9E+04	nm	1.6E+05	nm	2.8E-02	n	1.2E-01	n	4.0E+04	n		
2.4E-01	I	3.7E-06	I	7.0E-01	H	2.0E+00	I	V			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		
				3.0E-02	I			V			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*		
				1.0E-03	I			V			5.3E+05	Pyridine	110-86-1	7.8E+00	n	1.2E+02	n	2.0E+00	n	6.8E-04	n				
3.0E+00	I			5.0E-04	I			V			0.1	Quinalphos	13593-03-8	3.2E+00	n	4.1E+01	n	5.1E-01	n	4.3E-03	n				
				9.0E-03	I			V			0.1	Quinoline	91-22-5	1.8E-01	c	7.7E-01	c	2.4E-02	c	7.8E-05	c				
				3.0E+04	A			V			0.1	Quizalofop-ethyl	76578-14-8	5.7E+01	n	7.4E+02	n	1.2E+01	n	1.9E-01	n				
				3.0E-02	H			V			0.1	Refractory Ceramic Fibers (units in fibers)	E715557	1.9E+02	n	2.5E+03	n	3.1E+03	G	1.3E+04	G	6.7E+00	n		
				5.0E-02	H			V			0.1	Resmethrin	10453-86-8	1.9E+02	n	2.5E+03	n	6.7E+00	n	4.2E+00	n				
2.2E-01	C	6.3E-05	C					M			0.1	Ronnel	299-84-3	3.9E+02	n	5.8E+03	n	4.1E+01	n	3.7E-01	n				
				4.0E-03	I			V			0.1	Rotenone	83-79-4	2.5E+01	n	3.3E+02	n	6.1E+00	n	3.2E+00	n				
				5.0E-03	I			V			0.1	Safrole	94-59-7	5.5E-01	c	1.0E+01	c	1.6E-02	c	1.9E-01	c	9.6E-02	c		
				5.0E-03	I			V			0.1	Selenious Acid	7783-00-8	3.9E+01	n	5.8E+02	n	1.0E+01	n	5.0E+01	n	5.2E-02	n		
				5.0E-03	I	2.0E-02	C				0.1	Selenium Sulfide	7782-49-2	3.9E+01	n	5.8E+02	n	2.1E+00	n	8.8E+00	n	1.0E+01	n		
				5.0E-03	C	2.0E-02	C				0.1	Selenium Sulfide	7446-34-6	3.9E+01	n	5.8E+02	n	2.1E+00	n	8.8E+00	n	1.0E+01	n		
				1.4E-01	O			V			0.1	Sethoxdim	74051-80-2	8.8E+02	n	1.1E+04	n	1.6E+02	n	1.4E+00	n				
				5.0E-03	I			V			0.04	Silica (crystalline, respirable)	7631-86-9	4.3E+05	nm	1.8E+06	nm	3.1E-01	n	1.3E+00	n	9.4E+00	n		
				5.0E-03	I			V			0.1	Silver	7440-22-4	3.9E+01	n	5.8E+02	n	9.4E+00	n	8.0E-02	n				
1.2E-01	H			1.3E-02	I			V			0.1	Simazine	122-34-9	4.5E+00	c**	1.9E+01	c*	6.1E-01	c*	4.0E+00	c	3.0E-04	c*		
				4.0E-03	I			V			0.1	Sodium Acifluorfen	62476-59-9	8.2E+01	n	1.1E+03	n	2.6E+01	n	2.1E-01	n				
				3.0E-02	I			V			0.1	Sodium Azide	26628-22-8	3.1E+01	n	4.7E+02	n	8.0E+00	n	1.8E-04	n				
2.7E-01	H			5.0E-02	A	1.3E-02	C				0.1	Sodium Diethyldithiocarbamate	148-18-5	2.0E+00	c*	8.5E+00	c	2.9E-01	c	1.8E-04	c				
				2.0E-05	I			V			0.1	Sodium Fluoride	7681-49-4	3.9E+02	n	5.8E+03	n	1.4E+00	n						

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; W = TEF applied; E = RPF applied; G = user's guide Section 5; M = mutagen; V = volatile; R = RBA applied ; c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = ceiling limit exceeded; s = Csat exceeded.																											
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> ) <sup>1</sup>	k <sub>e</sub> <sup>y</sup>	RFID <sub>c</sub> (mg/kg-day)	k <sub>e</sub> <sup>y</sup>	RF <sub>c</sub> (mg/m <sup>3</sup> ) <sup>1</sup>	k <sub>e</sub> <sup>y</sup>	v <sub>o</sub>	mutagen	GIABS	ABS <sub>d</sub>	C <sub>sat</sub> (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	Industrial Soil (mg/kg)	Resident Air (ug/m <sup>3</sup> )	Industrial Air (ug/m <sup>3</sup> )	Tapwater (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	Key	MCL-based SSL (mg/kg)				
1.0E-04	I												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	0.1		Tetrachlorobenzene, 1,2,4,5-	95-94-3	2.3E+00	n	3.5E+01	n	1.7E-01	n			7.9E-04	n			
2.6E-02	I	7.4E-06	I	3.0E-02	I	3.0E-02	I					6.8E+02	Tetrachloroethane, 1,1,1,2-	630-20-6	2.0E+00	c	8.5E+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				1.9E+03	Tetrachloroethane, 1,1,1,2-	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				1.7E+02	Tetrachloroethylene	127-18-4	8.1E+00	n	3.9E+01	n	4.2E+00	n	1.8E+01	n	4.1E+00	n	1.8E-03	n	
				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	2.3E-03		
1.6E+01	X			6.0E-05	X			V				0.1	Tetrachlorotoluene, p-alpha, alpha, alpha-	5216-25-1	4.3E-02	c*	2.0E-01	c*	1.7E-03	c*			5.7E-06	c*			
				5.0E-04	I							0.1	Tetraethyl Dithiopyrophosphate	3689-24-5	3.2E+00	n	4.1E-01	n	7.1E-01	n			5.2E-04	n			
				8.0E+01	I	V						2.1E+03	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	
1.0E-04	X											0.1	Tetramethylphosphoramidate, -N,N,N',N'' (TMPA)	16853-36-4	6.3E-01	n	8.2E+00	n	2.0E-01	n							
2.0E-03	P											0.00065	Tetryl (Trinitrophenylmethylnitramine)	479-45-8	1.6E+01	n	2.3E+02	n	3.9E+00	n			3.7E-02	n			
2.0E-05	G												Thallic Oxide	1314-32-5	1.6E-01	n	2.3E+00	n	4.0E-02	n							
1.0E-05	X												Thallium (I) Nitrate	10102-45-1	7.8E-02	n	1.2E+00	n	2.0E-02	n							
1.0E-05	X												Thallium (Soluble Salts)	7440-28-0	7.8E-02	n	1.2E+00	n	2.0E-02	n	2.0E+00	n	1.4E-03	n	1.4E-01		
1.0E-05	X							V					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					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												Thallium Chloride	7791-12-0	7.8E-02	n	1.2E+00	n	2.0E-02	n							
1.0E-05	G												Thallium Selenite	12039-59-0	7.8E-02	n	1.2E+00	n	2.0E-02	n							
2.0E-05	X												Thallium Sulfate	7446-18-6	1.6E-01	n	2.3E+00	n	4.0E-02	n							
4.3E-02	O											0.1	Thiensenfluron-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	111-48-6	5.4E-02	n	7.9E+03	n	1.4E+02	n			2.8E-02	n			
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												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							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			
3.9E-02	C	1.1E-05	C	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
1.8E-01	X			2.0E-04	X	8.0E-06	C	V				0.1	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	
3.9E-02	C	1.1E-05	C	5.0E-03	P	8.0E-06	C	V				1.7E+03	Toluene-2,5-diamine	95-70-5	1.3E+01	c**	1.3E+01	c**	4.0E-01	n			1.2E-04	n			
1.6E-02	P	5.1E-05	C	3.0E-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	
3.0E-02	P			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+00	P	6.0E-01	P	V				1.4E+02	Toluidine, o- (Methylaniline, 2-)	95-53-4	3.4E+01	c	1.4E+02	c	5.5E-02	c	2.4E-01	c	4.7E+00	c	2.0E-03	c	
				1.0E-02	X	1.0E-01	P	V				0.13	Total Petroleum Hydrocarbons (Aliphatic High)	108-49-0	1.9E+01	c**	2.7E+01	c**	2.5E+00	c**			1.1E-03	c**			
				3.0E+00	P	6.0E-01	P	V				1.4E+02	Total Petroleum Hydrocarbons (Aliphatic Low)	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				0.13	Total Petroleum Hydrocarbons (Aliphatic Medium)	E1790668	5.2E+01	n	2.2E+02	ns	6.3E+01	n	2.6E+02	n	1.3E+02	n	8.8E-01	n	
				4.0E-02	P	3.0E-02	P	V				1.8E+03	Total Petroleum Hydrocarbons (Aromatic High)	E1790672	9.6E+00	ns	4.4E+01	ns	1.0E+01	n	4.4E+01	n	1.0E+01	n	1.5E-01	n	
				4.0E-03	P	3.0E-02	P	V				1.8E+03	Total Petroleum Hydrocarbons (Aromatic Low)	E1790676	2.4E+02	n	3.0E+03	n	8.0E+01	n			8.9E+00	n			
				4.0E-03	P	3.0E-02	P	V				1.8E+03	Total Petroleum Hydrocarbons (Aromatic Low)	E1790672	8.2E+00	n	4.2E+01	n	3.1E+00	n	1.3E+01	n	1.7E-03	n			
1.1E+00	I	3.2E-04	I	9.0E-05	P	3.0E-03	P	V				0.13	Total Petroleum Hydrocarbons (Aromatic Medium)	E1790674	9.7E+00	n	5.6E+01	n	3.1E-01	n	1.3E+00	n	5.5E-01	n	2.3E-03	n	
				3.0E-05	X							0.1	Toxaphene	8001-35-2	4.9E-01	c**	2.1E+00	c**	8.8E-03	c	3.8E-02	c	7.1E-02	c**	3.0E+00	1.1E-02	c**
				8.0E+01	X							0.1	Toxaphene, Weathered	E1841606	1.9E-01	n	2.5E+00	n	6.0E-02	n			9.3E-03	n	4.6E-01		
				7.5E-03	I							0.1	Tralometrin	66841-25-6	4.7E+01	n	6.2E+02	n	1.5E+01	n			5.8E+00	n			
				3.0E-04	A			V				0.1	Tri-n-butyltin	688-73-3	2.3E+00	n	3.5E+01	n	3.7E-01	n			8.2E-03	n			
				8.0E+01	X							0.1	Triacetin	102-76-1	5.1E+05	nm	6.6E+06	nm	1.6E+05	n			4.5E+01	n			
				3.4E-02	O							0.1	Triadimefon	43121-43-3	2.1E+02	n	2.8E+03	n	6.3E+01	n			5.0E-02	n			
				2.5E-02	O							0.1	Triallate	2303-17-5	9.7E+00	c*	4.6E+01	c*	4.7E-01	c*			1.0E-03	c*			
				1.0E-02	I							0.1	Trisulfuron	82097-50-5	6.3E+01	n	8.2E+02	n	2.0E+01	n			2.1E-02	n			
				8.0E-03	I							0.1	Tribenuron-methyl	101200-48-0	5.1E+01	n	6.6E+02	n	1.6E+01	n			6.1E-03	n			
				5.0E-03	I			V				0.1	Tribromobenzene, 1,2,4-	615-54-3	3.9E+01	n	5.8E+02	n	4.5E+00	n			6.4E-03	n			
				9.0E-03	X							0.1	Tribromophenol, 2,4,6-	118-79-6	5.7E+01	n	7.4E+02	n	1.2E+01	n			2.2E-02	n			
				1.0E-04	O							0.1	Tribufos	78-46-8	6.9E-01	n	8.2E+00	n	2.9E-02	n			1.4E-04	n			
				1.0E-02	P							0.1	Tributyl Phosphate	126-73-8	6.0E+01	c**	2.6E+02	c**	5.2E+00	c**			2.5E-02	c**			
				3.0E-04	P							0.1	Tributyltin Compounds	E1790678	1.9E+00	n	2.5E+01	n	6.0E-01	n							
				3.0E-04	I																						

Key: I = IRIS; P = PPRTV; O = OPP; A = ATSDR; C = Cal EPA; X = PPRTV Screening Level; H = HEAST; W = TEF applied; E = RPF applied; G = user's guide Section 5; M = mutagen; V = volatile; R = RBA applied ; c = cancer; n = noncancer; \* = where n SL < 100X c SL; \*\* = where n SL < 10X c SL; SSL values are based on DAF=1; m = ceiling limit exceeded; s = Csat exceeded.

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>c</sub> (mg/kg-day)	key	RfC <sub>c</sub> (mg/m <sup>3</sup> )	key	vol	mutagen	GIABS	ABS <sub>d</sub>	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-02	I	6.0E-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-	25187-70-8	7.8E+01	ns	1.2E+03	ns					3.8E+00	n		1.3E-02	n	
3.0E-02	I	3.0E-02	I							1	0.019		Tribromobenzene, 1,3,5-	99-35-4	2.2E+02	n	3.2E+03	n					5.9E+01	n		2.1E-01	n	
		5.0E-04	I							1	0.032		Tritrotoluene, 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	
2.3E+00	C	6.6E-04	C							1	0.1	4.7E+02	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	
		2.0E-02	A							1	0.1		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+00	n	9.3E+01	n					1.6E+00	n		2.4E-01	n	
1.0E+00	C	2.9E-04	C							1	0.1		Uranium	7440-61-1	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
		8.3E-03	P							1	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	
		9.0E-03	I							1	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				
		5.0E-03	G							1	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							1	0.1		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			Vinclozolin	50471-44-8	7.9E+00	n	9.8E+01	n					2.1E+00	n		1.6E-03	n	
		1.0E+00	H							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	
		1.5E-05	P							1		2.5E+03	Vinyl Bromide	593-60-2	2.6E-01	c**	1.1E+00	c**	1.9E-01	c**	8.2E-01	c**	3.7E-01	c**		1.1E-04	c**	
7.2E-01	I	4.4E-06	I							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	G							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	G							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	G							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	I							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
		3.0E-04	I							1			Zinc Phosphide	1314-84-7	2.3E+00	n	3.5E+01	n					6.0E-01	n				
		3.0E-01	I							1			Zinc and Compounds	7440-66-6	2.3E+03	n	3.5E+04	n					6.0E+02	n		3.7E+01	n	
		5.0E-02	I							1	0.1		Zineb	12122-67-7	3.2E+02	n	4.1E+03	n					9.9E+01	n		2.9E-01	n	
		8.0E-05	X							1			Zirconium	7440-67-7	6.3E-01	n	9.3E+00	n					1.6E-01	n		4.8E-01	n	

TR=1E-06  
HQ=0.1