

Toxicity and Chemical-specific Information										Contaminant										Screening Levels										Protection of Ground Water SSLs			
SFO	Key	IUR	Key	RfD _c	Key	RfC _c	Key	muta-	GIABS	ABS	C _{act}	Analyte	CAS No.	Resident Soil	key	Industrial Soil	key	Resident Air	key	Industrial Air	key	Tapwater	key	MCL	Risk-based	key	MCL-based	key					
(mg/kg-day) ¹		(ug/m ³) ¹		(mg/kg-day)		(mg/m ³) ¹		gen			(mg/kg)		(mg/kg)	(mg/kg)		(mg/kg)		(ug/m ³)		(ug/m ³)		(ug/L)		(ug/L)	SSL		SSL						
				1.2E-03	O						0.1	Acephate	30560-19-1	7.6E+01	n	9.8E+02	n					2.4E+01	n		5.3E-03	n							
2.2E-06	I			2.0E-02	I	9.0E-03	I	V		1	1.1E+05	Acetaldehyde	75-07-0	1.1E+01	c**	4.9E+01	c**	1.3E+00	c**	5.6E+00	c**	2.6E+00	c**		5.2E-04	c**							
				2.0E-02	I					1	0.1	Acetochlor	34256-82-1	1.3E+03	n	1.6E+04	n					2.6E+02	n		2.8E-01	n							
				9.0E-01	I	3.1E+01	A	V		1	1.1E+05	Acetone	67-64-1	6.1E+04	n	6.7E+05	nms	3.2E+04	n	1.4E+05	n	1.4E+04	n		2.9E+00	n							
				2.0E-03	X					1	0.1	Acetone Cyanohydrin	75-86-5	2.8E+06	nm	1.2E+07	nm	2.1E+00	n	8.8E+00	n												
				6.0E-02	I	V				1	1.3E+05	Acetonitrile	75-05-8	8.1E+02	n	3.4E+03	n	6.3E+01	n	2.6E+02	n	1.3E+02	n		2.6E-02	n							
3.8E+00	C	1.3E-03	C	1.0E-01	I	V				1	2.5E+03	Acetophenone	98-86-2	7.8E+03	ns	1.2E+05	nms					1.9E+03	n		5.8E-01	n							
				5.0E-04	I	2.0E-05	I	V		1	0.1	Acetylninofluorene, 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							
				2.3E+04						1	0.1		107-02-8	1.4E-01	c	6.0E-01	c	2.1E-02	n	8.8E-02	n	4.2E-02	n		8.4E-06	n							
5.0E-01	I	1.0E-04	I	2.0E-03	I	6.0E-03	I	M		1	0.1	Acrylamide	79-06-1	2.4E-01	c	4.8E+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+01	n	4.2E+02	n	1.0E+00	n	4.4E+00	n	2.1E+00	n		4.2E-04	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	Aciprontile	111-69-3	8.5E+06	nm	3.8E+07	nm	6.3E+00	n	2.6E+01	n				2.0E+00								
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	n	2.0E+00	8.7E-04	c	1.6E-03						
				1.0E-03	I					1	0.1	Aldicarb	116-06-3	6.3E+01	n	8.2E+02	n					2.0E+01	n	3.0E+00	4.9E-03	n	7.5E-04						
				1.0E-03	I					1	0.1	Aldicarb Sulfone	1646-88-4	6.3E+01	n	8.2E+02	n					2.0E+01	n	2.0E+00	4.4E-03	n	4.4E-04						
1.7E+01	I	4.9E-03	I	3.0E-05	I	V				1	0.1	Aldicarb sulfoxide	1646-87-3									2.0E+01	n	4.0E+00	4.4E-03	n	4.4E-04						
				3.0E-05	I	V				1	0.1	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+00	n	1.5E-01	n	1.0E-01	n	4.4E-01	n	2.1E-01	n		4.2E-05	n							
2.1E-02	C	6.0E-06	C	1.0E-03	I	V				1	1.4E+03	Allyl Chloride	107-05-1	7.2E-01	c**	3.2E+00	c**	4.7E-01	c**	2.0E+00	c**	7.3E-01	c**		2.3E-04	c**							
				1.0E+00	P	5.0E-03	P			1	1.1E+04	Aluminum	7429-90-5	7.7E+04	n	1.1E+06	nm	5.2E+00	n	2.2E+01	n	2.0E+04	n		3.0E+04	n							
				4.0E-04	I					1	0.1	Aluminum Phosphide	20859-73-8	3.1E+01	n	4.7E+02	n					8.0E+00	n										
2.1E+01	C	6.0E-03	C	9.0E-03	I					1	0.1	Ametryn	834-12-8	5.7E+02	n	7.4E+03	n					1.5E+02	n		1.6E-01	n							
				2.0E-02	P					1	0.1	Aminobiphenyl, 4-	92-87-1	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+03	n	6.6E+04	n					1.6E+03	n		6.1E-01	n							
				4.0E-03	X					1	0.1	Aminophenol, o-	95-55-6	2.5E+02	n	3.3E+03	n					7.9E-01	n		3.0E-02	n							
				2.0E-02	P					1	0.1	Aminophenol, p-	123-30-8	1.3E+03	n	1.6E+04	n					4.0E+02	n		1.5E-01	n							
				2.5E-03	I	5.0E-01	I	V		1	0.1	Amitraz	33089-61-1	1.6E+02	n	2.1E+03	n					8.2E+00	n		4.2E+00	n							
				2.0E-01	I					1	0.1	Ammonia	7664-41-7					5.2E+02	n	2.2E+03	n												
				3.0E-03	X	V				1	1.4E+04	Ammonium Sulfamate	7773-06-0	1.6E+04	n	2.3E+05	nm					4.0E+03	n										
5.7E-03	I	1.6E-06	C	7.0E-03	P	1.0E-03	I	V		1	0.1	Amly Alcohol, Tert.	75-85-4	8.2E+01	n	3.4E+02	n	3.1E+00	n	1.3E+01	n	6.3E+00	n		1.3E-03	n							
4.0E-02	P			2.0E-03	X					1	0.1	Aniline	62-53-3	9.5E+01	c**	4.0E+02	c*	1.0E+00	n	4.4E+00	n	1.3E+01	c*		4.6E-03	c*							
				4.0E-04	I			0.15				Anthracinone, 9,10-	84-85-1	1.4E+01	c**	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+01	n	4.7E+02	n					7.8E+00	n	6.0E+00	3.5E-01	n	2.7E-01						
				4.0E-04	H			0.15				Antimony Pentoxide	1314-60-9	3.9E+01	n	5.8E+02	n					9.7E+00	n										
				4.0E-04	H			0.15				Antimony Tetroxide	1332-81-6	3.1E+01	n	4.7E+02	n					7.8E+00	n										
1.5E+00	I	4.3E-03	I	3.0E-04	I	1.5E-05	C			1	0.03	Antimony Trioxide	1309-64-4	2.8E+05	nm	1.2E+06	nm	2.1E-01	n	8.8E-01	n	5.2E-02	c	1.0E+01	1.5E-03	c	2.9E-01						
				3.5E-06	C	5.0E-05	I			1	0.1	Arsenic, Inorganic	7440-38-2	6.8E-01	c**	3.0E+00	c**	6.5E-04	c*	2.9E-03	c*	5.2E-02	c		1.5E-03	c	2.9E-01						
				3.6E-02	O					1	0.1	Arsine	7784-42-1	2.7E-01	n	4.1E+00	n	5.2E-02	n	2.2E-01	n	7.0E-02	n										
2.3E-01	C			3.5E-02	I					1	0.1	Asulam	3337-71-1	2.3E+03	n	3.0E+04	n					7.2E+02	n	3.0E+00	1.8E-01	n	1.9E-03						
8.8E-01	C	2.5E-04	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						
				4.0E-04	I	1.0E-02	A			1	0.1	Auramine	492-80-8	6.2E+01	c	2.8E+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+01	n	3.3E+02	n					8.0E+00	n		1.4E+01	n							
1.1E-01	I	3.1E-05	I	3.0E-03	C	1.0E-02	A			1	0.1	Azinphos-methyl	86-50-0	1.9E+02	n	2.5E+03	n	1.0E+01	n	4.4E+01	n	5.6E+01	n		1.7E-02	n							
				1.0E+00	P	7.0E-06	P			1	0.1	Azobenzene	103-33-3	5.6E+00	c	2.8E+01	c	9.1E-02	c	4.0E-01	c	1.2E-01	c		9.3E-04	c							
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	H	M	0.025			Azodicarbonamide	123-77-3	8.6E+03	n	4.0E+04	n	7.3E-03	n	3.1E-02	n	2.0E+04	n	2.0E+03	6.8E+00	n	8.2E+01						
				2.0E-01	I	5.0E-04	H			0.07		Barium	7440-39-3	1.5E+04	n	2.2E+05	nm	5.2E-01	n	2.2E+00	n	3.8E+03	n		1.6E+02	n	8.2E+01						
				2.0E-02	C	2.0E-04	C			0.025		Barium Chromate	10294-40-3	3.0E-01	c	6.2E+00	c	6.8E-06	c	8.2E-05	c	4.1E-02	c										
				5.0E-03	O					1	0.1	Benfluralin	1861-40-1	3.9E+02	n	5.8E+03	n					2.8E+01	n		9.4E-01	n							
				5.0E-02	I					1	0.1	Benomyl	17804-35-2																				

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; 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	Key	IUR	Key	RfD	Key	RfC	Key	muta	GIABS	ABS	Csat	Analyte	CAS No.	Resident Soil	Industrial Soil	Resident Air	Industrial Air	Tapwater	key	MCL	Risk-based	SSL	key	MCL-based	SSL						
(mg/kg-day) ^a		(ug/m ³) ^a		(mg/kg-day)		(mg/m ³) ^a					(mg/kg)		(mg/kg)	(mg/kg)	(mg/kg)	(ug/m ³)	(ug/m ³)	(ug/L)		(ug/L)	(mg/kg)		(mg/kg)		(mg/kg)						
6.2E-02	I	3.7E-05	C	2.0E-02	I	4.0E-02	X	V	1	1	4.0E+03	Bromochloromethane	74-97-5	1.5E+02	n	1.8E+02	n	1.8E+02	n	8.3E+01	n	2.1E-02	n	2.1E-02	n						
7.9E-03	I	1.1E-06	I	2.0E-02	I	9.2E-02	V	1	1	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				
				1.4E-03	I	5.0E-03	I	V	1	1	3.6E+03	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				
				5.0E-03	H		V	1	1	1	2.104-96-3	Bromophos	74-83-9	6.8E+00	n	3.0E+01	n	5.2E+00	n	2.2E+01	n	7.5E+00	n	1.9E-03	n	1.5E-01	n				
				1.5E-02	O		V	1	1	0.1	1.689-84-5	Bromoxynil	1689-99-2	5.3E+00	c	2.2E+01	c					6.1E-01	c	5.2E-04	c	9.0E-01	n				
3.4E+00	C	3.0E-05	I	1.5E-02	O	2.0E-03	I	V	1	1	6.7E+02	Bromoxynil Octanoate	106-99-0	1.2E+03	n	1.8E+04	n					1.0E+02	n	9.0E-01	n	9.9E-06	c				
				3.0E-02	O		V	1	1	0.1	94-82-6	Butadiene, 1,3-	71-36-3	5.8E-02	c*	2.6E-01	c*	9.4E-02	c*	4.1E-01	c*	1.8E-02	c	4.2E-01	n	4.1E-01	n	5.0E+00	n		
				1.0E-01	I		V	1	1	1	7.6E+03	Butanoic acid, 4-(2,4-dichlorophenoxy)-	78-92-2	1.9E+03	n	2.5E+04	n					4.5E+02	n	4.2E-01	n	4.1E-01	n	5.0E+00	n		
				2.0E+00	P	3.0E+01	P	V	1	1	2.1E+04	Butanol, N-	2008-41-5	7.8E+03	nms	1.2E+05	nms	3.1E+04	n	1.3E+05	n	2.0E+03	n	4.2E-01	n	4.1E-01	n	5.0E+00	n		
				5.0E-02	I		V	1	1	1	2.008-41-5	Butyl alcohol, sec-	25013-16-5	1.3E+05	nms	1.5E+06	nms					2.4E+04	n	4.5E-01	n	4.2E-01	n	4.1E-01	n	5.0E+00	n
2.0E-04	C	5.7E-08	C	3.0E-01	P		V	1	1	0.1	25013-16-5	Butylate	128-37-0	3.9E+03	n	5.8E+04	n	4.9E+01	c	2.2E+02	c	1.5E+02	c	2.9E-01	c	2.9E-01	c	2.9E-01	c		
3.6E-03	P			5.0E-02	P		V	1	1	0.1	1.1E+02	Butylated hydroxyanisole	104-51-8	2.7E+03	c	1.1E+04	c	4.9E+01	c	2.2E+02	c	1.5E+02	c	2.9E-01	c	2.9E-01	c	2.9E-01	c		
				1.0E-01	X		V	1	1	1	1.5E+02	Butylated hydroxytoluene	135-98-8	1.5E+02	c	6.4E+02	c					3.4E+00	c	1.0E-01	c	1.0E-01	c	1.0E-01	c		
				1.0E-01	X		V	1	1	1	1.8E+02	Butylbenzene, n-	98-06-6	3.9E+03	ns	5.8E+04	ns					1.0E+03	n	3.2E+00	n	5.9E+00	n	1.6E+00	n		
				1.0E-01	X		V	1	1	1	1.8E+02	Butylbenzene, sec-	75-60-5	7.8E+03	ns	1.2E+05	nms					2.0E+03	n	5.9E+00	n	5.9E+00	n	1.6E+00	n		
				2.0E-02	A		V	1	1	0.1	75-60-5	Butylbenzene, tert-	7440-43-9	7.8E+03	ns	1.2E+05	nms					6.9E+02	n	5.9E+00	n	5.9E+00	n	1.6E+00	n		
				1.8E-03	I	1.0E-03	I	1.0E-05	A	0.025	0.001	75-60-5	Caodylic Acid	7440-43-9	1.3E+03	n	1.6E+04	n					4.0E+02	n	1.1E-01	n	1.1E-01	n	1.1E-01	n	
				1.8E-03	I	5.0E-04	I	1.0E-05	A	0.05	0.001	7440-43-9	Cadmium (Diet)	7440-43-9	7.1E+01	n	9.8E+02	n					5.0E+00	n	6.9E-01	n	3.8E-01	n	3.8E-01	n	
				5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C	M	0.025	13765-19-0	Calcium Chromate	3.0E-01	c	6.2E+00	c	6.8E-06	c	8.2E-05	c	4.1E-02	c	5.0E+00	n	6.9E-01	n	3.8E-01	n
				5.0E-01	C	4.3E-05	C	2.0E-03	I	1.2E-03	C	0.1	105-60-2	Caprolactam	3.1E+04	n	4.0E+05	nm	2.3E+00	n	9.6E+00	n	9.9E+03	n	2.5E+00	n	7.1E-04	c*	7.1E-04	c*	
				2.3E-03	C	6.6E-07	C	2.0E-03	I	1.2E-03	C	0.1	2425-06-1	Captafol	3.0E+00	c*	1.5E+01	c	6.5E-02	c	2.9E-01	c	4.0E-01	c*	1.7E-04	c*	1.7E-04	c*	1.7E-04	c*	
				1.3E-01	I		V	1	1	0.1	133-06-2	Captan	63-25-2	2.4E+02	c	1.0E+03	c	4.3E+00	c	1.9E+01	c	3.1E+01	c*	2.2E-02	c*	2.2E-02	c*	2.2E-02	c*		
				1.0E-01	I		V	1	1	0.1	63-25-2	Carbaryl	1563-66-2	6.3E+03	n	8.2E+04	n					1.8E+03	n	1.7E+00	n	1.7E+00	n	1.7E+00	n		
				5.0E-03	I		V	1	1	0.1	1563-66-2	Carbuturan	75-15-0	3.2E+02	n	4.1E+03	n					9.4E+01	n	3.7E-02	n	3.7E-02	n	1.6E-02	n		
				1.0E-01	I	7.0E-01	I	V	1	1	7.4E+02	Carbon Disulfide	58-23-5	7.7E-02	ns	3.5E+03	ns	7.3E+02	n	3.1E+03	n	8.1E+02	n	2.4E-01	n	2.4E-01	n	2.4E-01	n		
				4.0E-03	I	1.0E-01	I	V	1	1	4.6E+02	Carbon Tetrachloride	463-58-1	6.5E-01	c	2.9E+00	c	4.7E-01	c	2.0E+00	c	4.6E-01	c	1.8E-04	c	1.8E-04	c	1.8E-04	c		
				1.0E-02	I		V	1	1	0.1	55285-14-8	Carbonyl Sulfide	7440-43-9	6.7E+01	n	2.8E+02	n	1.0E+02	n	4.4E+02	n	2.1E+02	n	5.1E-01	n	5.1E-01	n	5.1E-01	n		
				1.0E-01	I		V	1	1	0.1	55285-14-8	Carbosulfan	5234-68-4	6.3E+03	n	8.2E+04	n					5.1E+01	n	1.2E+00	n	1.2E+00	n	1.2E+00	n		
				1.0E-01	I		V	1	1	0.1	5234-68-4	Carboxin	1306-38-3	1.3E+06	nm	5.4E+06	nm	9.4E-01	n	3.9E+00	n			1.9E+03	n	1.0E+00	n	1.0E+00	n		
				9.0E-04	I		V	1	1	0.1	1306-38-3	Ceric oxide	302-17-0	7.8E+03	n	1.2E+05	nm					2.0E+03	n	4.0E-01	n	4.0E-01	n	4.0E-01	n		
				1.5E-02	I		V	1	1	0.1	133-90-4	Chloral Hydrate	118-75-2	9.5E+02	n	1.2E+04	n					2.9E+02	n	7.0E-02	n	7.0E-02	n	7.0E-02	n		
				4.0E-01	H		V	1	1	0.1	118-75-2	Chloranil	12789-03-6	1.3E+00	c	5.7E+00	c					1.8E-01	c	1.5E-04	c	1.5E-04	c	1.5E-04	c		
				3.5E-01	I	1.0E-04	I	5.0E-04	I	7.0E-04	I	0.04	Chlordane	143-50-0	1.7E+00	c*	7.7E+00	c*	2.8E-02	c*	1.2E-01	c*	2.0E-02	c*	2.0E+00	2.7E-03	c*	2.7E-01	c*		
				1.0E+01	P	4.6E-03	C	3.0E-04	A	1.0E-01	0.1	Chlordecone (Kepone)	470-90-6	5.4E-02	c	2.3E-01	c	6.1E-04	c	2.7E-03	c	3.5E-03	c	1.2E-04	c	1.2E-04	c	1.2E-04	c		
				7.0E-04	A		V	1	1	0.1	470-90-6	Chlorfenvinphos	90982-32-4	4.4E+01	c	5.7E+02	n					1.1E+01	n	3.1E-02	n	3.1E-02	n	3.1E-02	n		
				9.0E-02	O		V	1	1	0.1	90982-32-4	Chlorinuron, Ethyl	7782-50-5	5.7E+03	n	7.4E+04	n					1.8E+03	n	6.0E-01	n	6.0E-01	n	6.0E-01	n		
				1.0E-01	I	1.5E-04	A	V	1	1	2.8E+03	Chlorine	10049-04-4	1.8E-01	n	7.8E-01	n	1.5E-01	n	6.4E-01	n	3.0E-01	n	1.4E-04	n	1.4E-04	n	1.4E-04	n		
				3.0E-02	I	2.0E-04	I	V	1	1	1.2E+03	Chlorine Dioxide	7758-19-2	2.3E+03	n	3.5E+04	n	2.1E-01	n	8.8E-01	n	4.2E-01	n	1.4E-04	n	1.4E-04	n	1.4E-04	n		
				3.0E-04	I	2.0E-02	H	5.0E+01	I	V	1	1.2E+03	Chlorite (Sodium Salt)	75-68-3	5.4E+04	ns	2.3E+05	nms	5.2E+04	n	2.2E+05	n	1.0E+05	n	5.2E+01	n	5.2E+01	n	5.2E+01	n	
				1.0E-01	H		V	1	1	0.1	75-68-3	Chloro-1,1-difluoroethane, 1-chloro-1,3-butadiene, 2	126-99-8	1.0E-02	c	4.4E-02	c	9.4E-02	c	4.1E-02	c	9.4E-02	c	1.0E+05	n	9.8E-06	c	9.8E-06	c		
				1.0E-01	P	7.7E-05	C	3.0E-03	X	1	1	1.2E+04	Chloro-2-methylaniline HCl, 4-	3165-93-3	1.2E+00	c	5.0E+00	c					1.7E-01	c	1.5E-04	c	1.5E-04	c	1.5E-04	c	
				2.7E-01	X		V	1	1	1	1.2E+04	Chloro-2-methylaniline, 4-chloroacetaldehyde, 2-	95-69-2	5.4E+00	c*	2.3E+01	c	3.6E-02	c	1.6E-01	c	7.0E-01	c*	4.0E-04	c*	4.0E-04	c*	4.0E-04	c*		
							V	1	1	1	1.2E+04	Chloroacetaldehyde, 2-	107-20-0	2.6E+00	c	1.2E+01	c					2.9E-01	c	5.8E-05	c	5.8E-05	c	5.8E-05	c		
				2.0E-01	P</																										

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; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information											Contaminant		Screening Levels							Protection of Ground Water SSLs							
SFO (mg/kg-day) ¹	K _e (y)	IUR (ug/m ³) ¹	K _e (y)	RfD _d (mg/kg-day)	K _e (y)	RfC _i (mg/m ³) ¹	K _e (y)	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	Industrial Soil (mg/kg)	Resident Air (ug/m ³)	Industrial Air (ug/m ³)	Tapwater (ug/L)	key	key	key	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)	
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	1.0E+02	6.7E-04	c	1.8E+05
				1.3E-02	I					0.1		Chromium, Total	7440-47-3														
		9.0E-03	P	3.0E-04	P	6.0E-06	P			1		Clofentazine	74115-24-5	8.2E+02	n	1.1E+04	n					2.3E+02	n	1.4E+01	n		
												Cobalt	7440-48-4	2.3E+01	n	3.5E+02	n	3.1E-04	c*	1.4E-03	c*	6.0E+00	n	2.7E-01	n		
		6.2E-04	I					V	M	1		Coke Oven Emissions	8007-45-2					1.6E-03	c	2.0E-02	c						
				4.0E-02	H					1		Copper	7440-50-8	3.1E+03	n	4.7E+04	n					8.0E+02	n	1.3E+03	2.8E+01	n	4.6E+01
				5.0E-02	I	6.0E-01	C			1	0.1	Cresol, m-	108-39-4	3.2E+03	n	4.1E+04	n	6.3E+02	n	2.6E+03	n	9.3E+02	n	7.4E-01	n		
				5.0E-02	I	6.0E-01	C			1	0.1	Cresol, o-	95-48-7	3.2E+03	n	4.1E+04	n	6.3E+02	n	2.6E+03	n	9.3E+02	n	7.5E-01	n		
				1.0E-01	A	6.0E-01	C			1	0.1	Cresol, p-	106-44-5	6.3E+03	n	8.2E+04	n	6.3E+02	n	2.6E+03	n	1.9E+03	n	1.5E+00	n		
				1.0E-01	A					1	0.1	Cresol, p-chloro-m-	59-50-7	6.3E+03	n	8.2E+04	n					1.4E+03	n	1.7E+00	n		
				1.0E-01	A	6.0E-01	C			1	0.1	Cresols	1319-77-3	6.3E+03	n	8.2E+04	n	6.3E+02	n	2.6E+03	n	1.5E+03	n	1.3E+00	n		
				1.0E-03	P					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		
				1.0E-01	A	4.0E-01	I	V		1	2.7E+02	Cumene	98-82-8	1.9E+03	ns	9.8E+03	ns	4.2E+02	n	1.8E+03	n	4.5E+02	n	7.4E-01	n		
										1	0.1	Cupferron	135-20-6	2.5E+00	c	1.0E+01	c	4.5E-02	c	1.9E-01	c	3.6E-01	c	6.1E-04	c		
										1	0.1	Cyanazine	21725-46-2	6.5E-01	c	2.7E+00	c					8.8E-02	c	4.1E-05	c		
												Cyanides															
				1.0E-03	I					1		-Calcium Cyanide	592-01-8	7.8E+01	n	1.2E+03	n					2.0E+01	n		n		
				5.0E-03	I					1		-Copper Cyanide	544-92-3	3.9E+02	n	5.8E+03	n					1.0E+02	n		n		
				6.0E-04	I	8.0E-04	S	V		1	9.5E+05	-Cyanide (CN-)	57-12-5	2.3E+01	n	1.5E+02	n	8.3E-01	n	3.5E+00	n	1.5E+00	n	2.0E+02	1.5E-02	n	2.0E+00
				1.0E-03	I					1		-Cyanogen	460-19-5	7.8E+01	n	1.2E+03	n					2.0E+01	n		n		
				9.0E-02	I					1		-Cyanogen Bromide	506-68-3	7.0E+03	n	1.1E+05	nm					1.8E+03	n		n		
				5.0E-02	I					1		-Cyanogen Chloride	506-77-4	3.9E+03	n	5.8E+04	n					1.0E+03	n		n		
				6.0E-04	I	8.0E-04	I	V		1	1.0E+07	-Hydrogen Cyanide	74-90-8	2.3E+01	n	1.5E+02	n	8.3E-01	n	3.5E+00	n	1.5E+00	n	1.5E-02	n		
				2.0E-03	I					1		+Potassium Cyanide	151-50-8	1.6E+02	n	2.3E+03	n					4.0E+01	n		n		
				5.0E-03	I				0.04			+Potassium Silver Cyanide	506-61-6	3.9E+02	n	5.8E+03	n					8.2E+01	n		n		
				1.0E-01	I				0.04			-Silver Cyanide	506-64-9	7.8E+03	n	1.2E+05	nm					1.8E+03	n		n		
				1.0E-03	I					1		-Sodium Cyanide	143-33-9	7.8E+01	n	1.2E+03	n					2.0E+01	n		n		
				2.0E-04	P					1		-Thiocyanates	E1790664	1.6E+01	n	2.3E+02	n					4.0E+00	n		n		
				2.0E-04	X					1		-Thiocyanic Acid	463-56-9	1.6E+01	n	2.3E+02	n					4.0E+00	n		n		
				5.0E-02	I					1	1.2E+02	-Zinc Cyanide	557-21-1	3.9E+03	n	5.8E+04	n					1.0E+03	n		n		
						6.0E+00	I	V		1		Cyclohexane	110-82-7	6.5E+03	ns	2.7E+04	ns	6.3E+03	n	2.6E+04	n	1.3E+04	n	1.3E+01	n		
				2.0E-02	X					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+04	ns	1.3E+05	nms	7.3E+02	n	3.1E+03	n	1.4E+03	n	3.4E-01	n		
				5.0E-03	P	1.0E+00	X	V		1	2.8E+02	Cyclohexene	110-83-8	3.1E+02	ns	3.1E+03	ns	1.0E+03	n	4.4E+03	n	7.0E+01	n	4.6E-02	n		
				2.0E-01	I					1	2.9E+05	Cyclohexylamine	108-91-8	1.6E+04	n	2.3E+05	nm					3.8E+03	n	1.0E+00	n		
				2.5E-02	I					0.1		Cyfluthrin	68359-37-5	1.6E+03	n	2.1E+04	n					1.2E+02	n	3.1E+01	n		
				1.0E-03	O					0.1		Cyhalothrin	68085-85-8	6.3E+01	n	8.2E+02	n					2.0E+01	n	1.4E+01	n		
				6.0E-02	O					0.1		Cypermethrin	52315-07-8	3.8E+03	n	4.9E+04	n					1.2E+03	n	1.9E+02	n		
				1.5E-02	O					0.1		Cyromazine	66215-27-8	9.5E+02	n	1.2E+04	n					3.0E+02	n	7.6E-02	n		
										0.1		DDD	72-54-8	2.3E+00	c	9.6E+00	c	4.1E-02	c	1.8E-01	c	3.2E-02	c	7.5E-03	c		
				2.4E-01	I	6.9E-05	C					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					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*		
				3.0E-02	I					0.1		Dalapon	75-99-0	1.9E+03	n	2.5E+04	n					6.0E+02	n	1.2E-01	n	4.1E-02	
				1.8E-02	C	5.1E-06	C					Daminozide	1596-84-5	3.0E+01	c	1.3E+02	c	5.5E-01	c	2.4E+00	c	4.3E+00	c	9.5E-04	c		
				7.0E-04	I					0.1		Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209)	1163-19-5	4.4E+02	n	3.3E+03	c**					1.1E+02	c**	6.2E+01	c**		
				4.0E-05	I					0.1		Demeton	8065-48-3	2.5E+00	n	3.3E+01	n					4.2E-01	n	1.2E-01	n	4.1E-02	
				1.2E-03	I					0.1		Di(2-ethylhexyl)adipate	103-23-1	4.5E+02	c*	1.9E+03	c					6.5E+01	c	4.7E+00	c	2.9E+01	
				6.1E-02	H					0.1		Diallate	2303-16-4	8.9E+00	c	3.8E+01	c					5.4E+01	c	8.0E-04	c		
						7.0E-04	A			0.1		Diazinon	333-41-5	4.4E+01	n	5.7E+02	n					1.0E+01	n	6.5E-02	n		
				1.0E-02	X					1		Dibenzothiophene	132-65-0	7.8E+02	n	1.2E+04	n					6.5E+01	n	1.2E+00	n		
				2.0E-04	P	2.0E-04	I	V	M	1	9.8E+02	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
				4.0E-04	X					1	1.6E+02	Dibromobenzene, 1,3-	108-36-1	3.1E+01	n	4.7E+02	ns					5.3E+00	n	5.1E-03	n		
				1.0E-02	I					1		Dibromobenzene, 1,4-	106-37-6	7.8E+02	n	1.2E+04	n					1.3E+02	n	1.2E-01	n		
				2.0E-02</																							

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; 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	ke	IUR	ke	RfD	ke	RfC	ke	muta-	GIABS	ABS	Csat	Analyte	CAS No.	Resident Soil	Industrial Soil	Resident Air	Industrial Air	Tapwater	MCL	Risk-based	MCL-based			
(mg/kg-day) ¹	y	(ug/m ³) ¹	y	(mg/kg-day)	y	(mg/m ³) ¹	y	gen			(mg/kg)		(mg/kg)	(ug/m ³)	(ug/m ³)	(ug/m ³)	(ug/m ³)	(ug/L)	(ug/L)	SSL	SSL			
1.0E-01	I	4.0E-06	I	3.0E-02	I	2.0E-02	I	V	1	0.1	1.6E+03	Dichloropropanol, 2,3-	616-23-9	1.9E+02	n	2.5E+03	n	5.9E+01	n	1.3E-02	n	1.3E-02	n	
2.9E-01	I	8.3E-05	C	5.0E-04	I	5.0E-04	I		1	0.1		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*	
												Dichlorvos	62-73-7	1.9E+00	c*	7.9E+00	c*	3.4E-02	c*	1.5E-01	c*	2.6E-01	c*	
												Dicrotophos	141-66-2	4.4E+00	n	5.7E+01	n	1.4E+00	n	1.4E+00	n	3.3E-04	n	
1.6E+01	I	4.6E-03	I	7.0E-05	O	8.0E-02	P	3.0E-04	X	V	1	2.6E+02	Dicyclopentadiene	77-73-6	1.3E+00	n	5.4E+00	n	3.1E-01	n	1.3E+00	n	6.3E-01	n
												Diieldrin	60-57-1	3.4E-02	c*	1.4E-01	c	6.1E-04	c	2.7E-03	c	1.8E-03	c	
												Diesel Engine Exhaust	E17136615					9.4E-03	c	4.1E-02	c	1.7E-03	c	
												Diethanolamine	111-42-2	1.3E+02	n	1.6E+03	n	2.1E-01	n	8.8E-01	n	4.0E+01	n	
												Diethylene Glycol Monobutyl Ether	112-34-5	1.9E+03	n	2.4E+04	n	1.0E-01	n	4.4E-01	n	6.0E+02	n	
												Diethylene Glycol Monoethyl Ether	111-90-0	3.8E+03	n	4.8E+04	n	3.1E-01	n	1.3E+00	n	1.2E+03	n	
3.5E+02	C	1.0E-01	C	1.0E-03	P			V	1	0.1	1.1E+05	Diethylformamide	617-84-5	7.8E+01	n	1.2E+03	n	2.0E+01	n	2.0E+01	n	4.1E-03	n	
												Diethylstilbestrol	56-53-1	1.6E-03	c	6.6E-03	c	2.8E-05	c	1.2E-04	c	5.1E-05	c	
												Difenzoquat	43222-48-6	5.2E+03	n	6.8E+04	n	1.7E+03	n	1.7E+03	n	2.6E+02	n	
												Diflubenzuron	35367-38-5	1.3E+03	n	1.6E+04	n	2.9E+02	n	2.9E+02	n	3.3E-01	n	
												Diffuroethane, 1,1-	75-37-6	4.8E+04	ns	2.0E+05	nms	4.2E+04	n	1.8E+05	n	8.3E+04	n	
4.4E-02	C	1.3E-05	C					V	1			Dihydrosafrole	94-58-6	9.9E+00	c	4.5E+01	c	2.2E-01	c	9.4E-01	c	3.0E-01	c	
												Disopropyl Ether	108-20-3	2.2E+03	n	9.4E+03	ns	7.3E+02	n	3.1E+03	n	1.5E+03	n	
												Disopropyl Methylphosphonate	1445-75-6	6.3E+03	ns	9.3E+04	ns					1.6E+03	n	
												Dimethipin	55290-64-7	1.4E+03	n	1.8E+04	n	4.4E+02	n	4.4E+02	n	9.6E-02	n	
1.6E+00	P			2.2E-02	O	2.2E-03	O		1	0.1		Dimethoate	60-51-5	1.4E+02	n	1.8E+03	n	4.4E+01	n	4.4E+01	n	9.9E-03	n	
												Dimethoxybenzidine, 3,3'-	119-90-4	3.4E-01	c	1.4E+00	c	4.7E-02	c	4.7E-02	c	5.8E-05	c	
1.7E-03	P			6.0E-02	P				1	0.1		Dimethyl methylphosphonate	756-79-6	3.2E+02	c*	1.4E+03	c*	2.2E-03	c	9.4E-03	c	4.6E+01	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	
5.8E-01	H								1	0.1		Dimethylaniline HCl, 2,4-	21436-96-4	9.4E-01	c	1.4E+00	c	1.3E-01	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	3.7E-01	c	2.1E-04	c	
2.7E-02	P			2.0E-03	I			V	1		8.3E+02	Dimethylaniline, N,N-	121-69-7	2.6E+01	c**	1.2E+02	c*	2.5E+00	c*	2.5E+00	c*	9.0E-04	c*	
1.1E+01	P								1	0.1		Dimethylbenzidine, 3,3'-	119-93-7	4.9E-02	c	2.1E-01	c	6.9E-03	c	6.9E-03	c	4.3E-05	c	
												Dimethylformamide	68-12-2	2.6E+03	n	1.5E+04	n	3.1E+01	n	1.3E+02	n	6.1E+01	n	
5.5E+02	C	1.6E-01	C	1.0E-04	X	2.0E-06	X	V	1		1.7E+05	Dimethylhydrazine, 1,1-	57-14-7	5.7E-02	n	2.4E-01	n	2.1E-03	n	8.8E-03	n	4.2E-03	n	
												Dimethylhydrazine, 1,2-	540-73-8	8.8E-04	c	4.1E-03	c	1.8E-05	c	7.7E-05	c	2.8E-05	c	
												Dimethylphenol, 2,4-	105-67-9	1.3E+03	n	1.6E+04	n	3.6E+02	n	3.6E+02	n	4.2E-01	n	
												Dimethylphenol, 2,6-	576-26-1	3.8E+01	n	4.9E+02	n	1.1E+01	n	1.1E+01	n	1.3E-02	n	
												Dimethylphenol, 3,4-	95-65-8	6.3E+01	n	8.2E+02	n	1.8E+01	n	1.8E+01	n	2.1E-02	n	
4.5E-02	C	1.3E-05	C					V	1		4.7E+02	Dimethylvinylchloride	513-37-1	1.1E+00	c	4.8E+00	c	2.2E-01	c	9.4E-01	c	3.3E-01	c	
												Dinitro-o-cresol, 4,6-	534-52-1	5.1E+00	n	6.6E+01	n	1.5E+00	n	1.5E+00	n	2.6E-03	n	
												Dinitro-o-cyclohexyl Phenol, 4,6-	131-89-5	1.3E+02	n	1.6E+03	n	2.3E+01	n	2.3E+01	n	7.7E-01	n	
												Dinitrobenzene, 1,2-	528-29-0	6.3E+00	n	8.2E+01	n	1.9E+00	n	1.9E+00	n	1.8E-03	n	
												Dinitrobenzene, 1,3-	99-65-0	6.3E+00	n	8.2E+01	n	2.0E+00	n	2.0E+00	n	1.8E-03	n	
												Dinitrobenzene, 1,4-	100-25-4	6.3E+00	n	8.2E+01	n	2.0E+00	n	2.0E+00	n	1.8E-03	n	
												Dinitrophenol, 2,4-	51-28-5	1.3E+02	n	1.6E+03	n	3.9E+01	n	3.9E+01	n	4.4E-02	n	
6.8E-01	I								1	0.1		Dinitrotoluene Mixture, 2,4/2,6	E1615210	8.0E-01	c	3.4E+00	c	1.1E-01	c	1.1E-01	c	1.5E-04	c	
3.1E-01	C	8.9E-05	C	2.0E-03	I				1	0.102		Dinitrotoluene, 2,4	121-14-2	1.7E+00	c*	7.4E+00	c*	3.2E-02	c	1.4E-01	c	2.4E-01	c	
1.5E+00	P			3.0E-04	X				1	0.099		Dinitrotoluene, 2,6-	606-20-2	3.6E-01	c*	1.5E+00	c	4.9E-02	c	4.9E-02	c	6.7E-05	c	
				2.0E-03	S				1	0.006		Dinitrotoluene, 2-Amino-4,6-	35572-78-2	1.5E+02	n	2.3E+03	n	3.9E+01	n	3.9E+01	n	3.0E-02	n	
				2.0E-03	S				1	0.009		Dinitrotoluene, 4-Amino-2,6-	19406-51-0	1.5E+02	n	2.3E+03	n	3.9E+01	n	3.9E+01	n	3.0E-02	n	
4.5E-01	X			9.0E-04	X				1	0.1		Dinitrotoluene, Technical grade	25321-14-6	1.2E+00	c*	5.1E+00	c	1.0E-01	c	1.0E-01	c	1.4E-04	c	
				1.0E-03	I				1	0.1		Dinoseb	88-85-7	6.3E+01	n	8.2E+02	n	1.5E+01	n	1.5E+01	n	1.3E-01	n	
1.0E-01	I	5.0E-06	I	3.0E-02	I	3.0E-02	I	V	1		1.2E+05	Dioxane, 1,4-	123-91-1	5.3E+00	c	2.4E+01	c	5.6E-01	c*	2.5E+00	c*	4.6E-01	c	
												Dioxins												
6.2E+03	I	1.3E+00	I	7.0E-10	I	4.0E-08	C	V	1	0.03		~Hexachlorodibenzo-p-dioxin, Mixture	1746-01-6	1.0E-04	c	4.7E-04	c	2.2E-06	c	9.4E-06	c	1.3E-05	c	
1.3E+05	C	3.8E+01	C						1	0.03		~TCDD, 2,3,7,8-		4.8E-06	c*	2.2E-05	c*	7.4E-08	c	3.2E-07	c	1.2E-07	c	
												Diphenamid	957-51-7	1.9E+03	n	2.5E+04	n	5.3E+02	n	5.3E+02	n	5.2E+00	n	
												Diphenyl Sulfone	127-63-9	5.1E+01	n	6.6E+02	n	1.5E+01	n	1.5E+01	n	3.6E-02	n	
												Diphenylamine	122-39-4	6.3E+03	n	8.2E+04	n	1.3E+03	n	1.3E+03	n	2.3E+00	n	
8.0E-01	I	2.2E-04	I	2.2E-03	I				1	0.1		Diphenylhydrazine, 1,2-	122-66-7	6.8E-01	c	2.9E+00	c	1.3E-02	c	5.6E-02	c	7.8E-02	c	
												Diquat	85-00-7	1.4E+02	n	1.8E+03	n	4.4E+01	n	4.4E+01	n	8.3E-01	n	
7.1E+00	C	1.4E-01	C						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	
7.4E+00	C	1.4E-01	C						1	0.1		Direct Blue 6	2602-46-2	7.3E-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; 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	K _e	IUR	K _e	RfD _d	K _e	RfC _i	K _e	muta-	GIABS	ABS	C _{sat}	Analyte	CAS No.	Resident Soil	Industrial Soil	Resident Air	Industrial Air	Tapwater	MCL	Risk-based SSL	MCL-based SSL							
(mg/kg-day) ⁻¹	y	(ug/m ³) ⁻¹	y	(mg/kg-day)	y	(mg/m ³) ⁻¹	y	gen			(mg/kg)			(mg/kg)	(ug/m ³)	(ug/m ³)	(ug/L)	(ug/L)	(ug/L)	(mg/kg)	(mg/kg)							
				1.0E+01	I	V					2.1E+03	Ethyl Chloride (Chloroethane)	75-00-3	1.4E+04	ns	5.7E+04	ns	1.0E+04	n	4.4E+04	n	2.1E+04	n	5.9E+00	n			
				2.0E-01	I	V					1.0E+04	Ethyl Ether	60-29-7	1.6E+04	ns	2.3E+05	nms	1.0E+04	n	4.4E+04	n	3.9E+03	n	8.8E-01	n			
				3.0E-01	P	V					1.1E+03	Ethyl Methacrylate	97-63-2	1.8E+03	ns	7.6E+03	ns	3.1E+02	n	1.3E+03	n	6.3E+02	n	1.5E-01	n			
1.1E-02	C	2.5E-06	C	1.0E-05	I	V				0.1	4.8E+02	Ethyl-p-nitrophenyl Phosphonate	2104-64-5	6.3E-01	n	8.2E+00	n					8.9E-02	n	2.8E-03	n			
				1.0E-01	I	V					1.0E+01	Ethylbenzene	100-41-4	5.8E+00	c	2.5E+01	c	1.1E+00	c	4.9E+00	c	1.5E+00	c	7.0E+02	n	1.7E-03	c	7.8E-01
				7.0E-02	P					0.1	1.9E+05	Ethylene Cyanohydrin	109-78-4	4.4E+03	n	5.7E+04	n					1.4E+03	n	2.8E-01	n			
				9.0E-02	P					0.1	1.9E+05	Ethylene Diamine	107-15-3	7.0E+03	n	1.1E+05	nm					1.8E+03	n	4.1E-01	n			
				2.0E+00	I	4.0E-01	C			0.1	1.9E+05	Ethylene Glycol	107-21-1	1.3E+05	nm	1.6E+06	nm	4.2E+02	n	1.8E+03	n	4.0E+04	n	8.1E+00	n			
				1.0E-01	I	1.6E+00	I			0.1	1.2E+05	Ethylene Glycol Monobutyl Ether	111-76-2	6.3E+03	ns	8.2E+04	n	1.7E+03	n	7.0E+03	n	2.0E+03	n	4.1E-01	n			
3.1E-01	C	3.0E-03	I	3.0E-02	C	V	M			0.1	1.2E+05	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			
4.5E-02	C	1.3E-05	C	8.0E-05	I	V				0.1	1.5E+05	Ethylene Thiourea	96-45-7	5.1E+00	n	5.1E+01	c**	2.2E-01	c	9.4E-01	c	1.6E+00	c	3.6E-04	n			
6.5E+01	C	1.9E-02	C							0.1	1.5E+05	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			
				3.0E+00	I					0.1	1.5E+05	Ethylphthalyl Ethyl Glycolate	84-72-0	1.9E+05	nm	2.5E+06	nm					5.9E+04	n	1.3E+02	n			
				2.5E-04	I					0.1	1.5E+05	Fenamiphos	22224-92-6	1.6E+01	n	2.1E+02	n					4.4E+00	n	4.3E-03	n			
				2.5E-02	I					0.1	1.5E+05	Fenpropathrin	39515-41-8	1.6E+03	n	2.1E+04	n					6.4E+01	n	2.9E+00	n			
				2.5E-02	I					0.1	1.5E+05	Fenvalerate	51630-58-1	1.6E+03	n	2.1E+04	n					5.0E+02	n	3.2E+02	n			
				1.3E-02	I					0.1	1.5E+05	Fluometuron	2164-17-2	8.2E+02	n	1.1E+04	n					2.4E+02	n	1.9E-01	n			
				4.0E-02	C	1.3E-02	C			0.1	1.5E+05	Fluoride	16984-48-8	3.1E+03	n	4.7E+04	n	1.4E+01	n	5.7E+01	n	8.0E+02	n	1.2E+02	n			
				6.0E-02	I	1.3E-02	C			0.1	1.5E+05	Fluorine (Soluble Fluoride)	7782-41-4	4.7E+03	n	7.0E+04	n	1.4E+01	n	5.7E+01	n	1.2E+03	n	1.8E+02	n		6.0E+02	
				8.0E-02	I					0.1	1.5E+05	Fluridone	59756-60-4	5.1E+03	n	6.6E+04	n					1.4E+03	n	1.6E+02	n			
				1.5E-02	O					0.1	1.5E+05	Flurprimidol	56425-91-3	9.5E+02	n	1.2E+04	n					2.6E+02	n	1.2E+00	n			
				2.0E-03	O					0.1	1.5E+05	Flusilazole	85509-19-9	1.3E+02	n	1.6E+03	n					3.1E+01	n	5.1E+00	n			
				5.0E-01	O					0.1	1.5E+05	Flutolanil	66332-96-5	3.2E+04	n	4.1E+05	nm					7.9E+03	n	4.2E+01	n			
				1.0E-02	I					0.1	1.5E+05	Fluvalinate	69409-94-5	6.3E+02	n	8.2E+03	n					2.0E+02	n	2.9E+02	n			
				9.0E-02	O					0.1	1.5E+05	Folpet	133-07-3	5.7E+03	n	7.4E+04	n					1.6E+03	n	3.9E-01	n			
				2.5E-03	O					0.1	1.5E+05	Fomesafen	72178-02-0	1.6E+02	n	2.1E+03	n					4.8E+01	n	1.6E-01	n			
				2.0E-03	I					0.1	1.5E+05	Fonofos	944-22-9	1.3E+02	n	1.6E+03	n					2.4E+01	n	4.7E-02	n			
1.3E-05	I			2.0E-01	I	9.8E-03	A	V			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			1.1E+05	Formic Acid	64-18-6	2.9E+01	n	1.2E+02	n	3.1E-01	n	1.3E+00	n	6.3E-01	n	1.3E-04	n			
				2.5E+00	O					0.1	1.5E+05	Fosetyl-AL	39148-24-8	1.6E+05	nm	2.1E+06	nm					5.0E+04	n	6.6E+02	n			
				1.0E-03	X		V			0.03	6.2E+03	Furans	132-64-9	7.3E+01	n	1.0E+03	n					7.9E+00	n	1.5E-01	n			
				1.0E-03	I	V				0.03	6.2E+03	-Furan	110-00-9	7.3E+01	n	1.0E+03	n					1.9E+01	n	7.3E-03	n			
				9.0E-01	I	2.0E+00	I	V		0.1	1.7E+05	-Tetrahydrofuran	109-99-9	1.8E+04	n	9.4E+04	n	2.1E+03	n	8.8E+03	n	3.4E+03	n	7.5E-01	n			
3.8E+00	H			3.0E-03	I	5.0E-02	H	V		0.1	1.0E+04	Furazolidone	97-45-8	1.4E-01	c	6.0E-01	c					2.0E-02	c	3.9E-05	c			
				1.5E+00	C	4.3E-04	C			0.1	1.0E+04	Furfural	98-01-1	2.1E+02	n	2.6E+03	n	5.2E+01	n	2.2E+02	n	3.8E+01	n	8.1E-03	n			
3.0E-02	C	1.3E-05	C							0.1	1.0E+04	Furium	531-82-8	3.6E-01	c	1.5E+00	c	6.5E-03	c	2.9E-02	c	5.1E-02	c	6.8E-05	c			
				6.0E-03	O					0.1	1.0E+04	Furmecycloz	60568-05-0	1.8E+01	c	7.7E+01	c	3.3E-01	c	1.4E+00	c	1.1E+00	c	1.2E-03	c			
				4.0E-04	I	1.0E-03	H	V		0.1	1.1E+05	Glufosinate, Ammonium	77182-82-2	3.8E+02	n	4.9E+03	n					1.2E+02	n	2.6E-02	n			
				1.0E-01	I					0.1	1.1E+05	Glutaraldehyde	111-30-8	1.1E+05	nm	4.8E+05	nm	8.3E-02	n	3.5E-01	n			3.3E-04	n			
				1.0E-02	X		V			0.1	1.1E+05	Glycidyl	765-34-4	2.3E+01	n	2.1E+02	n	1.0E+00	n	4.4E+00	n	1.7E+00	n	3.3E-04	n			
				2.0E-02	P					0.1	1.1E+05	Glyphosate	1071-83-6	6.3E+03	n	8.2E+04	n					2.0E+03	n	7.0E+02	n	8.8E+00	n	3.1E+00
				1.0E-02	X		V			0.1	1.1E+05	Guanidine	113-00-8	7.8E+02	n	1.2E+04	n					2.0E+02	n	4.5E-02	n			
				2.0E-02	P					0.1	1.1E+05	Guanidine Chloride	50-01-1	1.3E+03	n	1.6E+04	n					4.0E+02	n	1.5E-01	n			
				3.0E-02	X					0.1	1.1E+05	Guanidine Nitrate	506-93-4	1.9E+03	n	2.5E+04	n					6.0E+02	n	1.5E-01	n			
				5.0E-05	I					0.1	1.1E+05	Haloxypol, Methyl	69806-40-2	3.2E+00	n	4.1E+01	n					7.6E-01	n	8.4E-03	n			
				5.0E-04	I					0.1	1.1E+05	Heptachlor	76-44-8	1.3E-01	c	6.3E-01	c	2.2E-03	c	9.4E-03	c	1.4E-03	c	1.2E-04	c	3.3E-02	n	
9.1E+00	I	2.6E-03	I	1.3E-05	I	V				5.8E+01	1.0E+04	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	c*	2.8E-05	c*	4.1E-03
				3.0E-04	X	4.0E-01	P	V		0.1	5.8E+01	Heptane, N-	142-82-5	2.2E+01	n	2.9E+02	ns	4.2E+02	n	1.8E+03	n	6.0E+00	n	4.8E-02	n			
				2.0E-03	I					0.1	5.8E+01	Hexabromobenzene	87-82-1	1.6E+02	n	2.3E+03	n					4.0E+01	n	2.3E-01	n			
				2.0E-04	I					0.1	5.8E+01	Hexabromodiphenyl ether, 2,2',4,4',5,5'-(BDE-153)	68631-49-2															

Key: I = IRIS; P = PPRTV; D = DWSHA; O = OPP; P = ATS/DR; C = Cal EPA; X = APPENDIX PPRTV SCREEN (See FAQ #29); H = HEAST; F = See FAQ; E = see user guide Section 2.3.5; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information													Contaminant			Screening Levels							Protection of Ground Water SSLs		
SFO (mg/kg-day)*	IR (ug/m ³ -y)	UR (ug/m ³ -y)	RfD _d (mg/kg-day)	RfC _d (mg/m ³)	Q ₁	Q ₂	mutagen	GIABS	ABS	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	Industrial Soil (mg/kg)	Resident Air (ug/m ³)	Industrial Air (ug/m ³)	Tapwater (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	Key	MCL-based SSL (mg/kg)				
2.5E-01	I		1	0.1					0.1		Imazaquin	81335-37-7	1.6E+04	n	2.1E+05	nm		4.9E+03	n			2.4E+01	n		
2.5E+00	O		1	0.1					0.1		Imazethapyr	81335-77-5	1.6E+05	nm	2.1E+06	nm		4.7E+04	n			4.1E+01	n		
1.0E-02	A		1								Iodine	7553-56-2	7.8E+02	n	1.2E+04	nm		2.0E+02	n			1.2E+01	n		
4.0E-02	I		1	0.1					0.1		Iprodione	36734-19-7	2.5E+03	n	3.3E+04	nm		7.4E+02	n			2.2E+01	n		
7.0E-01	P		1							1.0E+04	Iron	7439-89-6	5.5E+04	n	8.2E+05	nm		1.4E+04	n			3.5E+02	n		
3.0E-01	I	V	1								Isobutyl Alcohol	78-83-1	2.3E+04	ns	3.5E+05	nms		5.9E+03	n			1.2E+00	n		
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+03	n	8.8E+03	n	7.8E+01	c*	2.6E-02	c*	
1.5E-02	I	V	1							1.1E+05	Isopropalin	33820-53-0	1.2E+03	n	1.8E+04	n		4.0E+01	n			9.2E-01	n		
2.0E+00	P	2.0E-01	P	V	1						Isopropanol	67-63-0	5.6E+03	n	2.4E+04	n	2.1E+02	n	8.8E+02	n	4.1E+02	n	8.4E-02	n	
1.0E-01	I		1	0.1					0.1		Isopropyl Methyl Phosphonic Acid	1832-54-8	6.3E+03	n	8.2E+04	n		2.0E+03	n			4.3E-01	n		
5.0E-02	I		1	0.1							Isoxaben	82558-50-7	3.2E+03	n	4.1E+04	n		7.3E+02	n			2.0E+00	n		
8.0E-03	O	3.0E-01	A	V	1				0.1		JP-7	E1737665	4.3E+08	nm	1.8E+09	nm	3.1E+02	n	1.3E+03	n	6.3E+02	n		n	
											Lactofen	77501-63-4	5.1E+02	n	6.8E+03	n		1.0E+02	n			4.6E+00	n		
5.0E-01	C	1.5E-01	C	2.0E-02	C	2.0E-04	C	M	0.025		Lead Compounds	7758-97-6	3.0E-01	c	6.2E+00	c	6.8E-06	c	8.2E-05	c	4.1E-02	c		c	
8.5E-03	C	1.2E-05	C								-Lead Chromate	7446-27-7	8.2E+01	c	3.8E+02	c	2.3E-01	c	1.0E+00	c	9.1E+00	c		c	
8.5E-03	C	1.2E-05	C						0.1		-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	1.8E-03	c	
8.5E-03	C	1.2E-05	C						0.1		-Lead and Compounds	7439-92-1	4.0E+02		8.0E+02	L	1.5E-01	L	1.5E+01	L	1.5E+01	L	1.5E+01	L	
											-Lead subacetate	1335-32-6	6.4E+01	c	2.7E+02	c	2.3E-01	c	1.0E+00	c	9.2E+00	c	2.0E-03	c	
1.0E-07	I	V	1							2.4E+00	-Tetraethyl Lead	78-00-2	7.8E-03	n	1.2E-01	n		1.3E-03	n			4.7E-06	n		
5.0E-06	P	V	1							3.8E+02	Lewisite	541-25-3	3.9E-01	n	5.8E+00	n		9.0E-02	n			3.8E-05	n		
7.7E-03	O		1						0.1		Linuron	330-55-2	4.9E+02	n	6.3E+03	n		1.3E+02	n			1.1E-01	n		
2.0E-03	P		1								Lithium	7439-93-2	1.6E+02	n	2.3E+03	n		4.0E+01	n			1.2E+01	n		
5.0E-04	I		1	0.1							MCPA	94-74-6	3.2E+01	n	4.1E+02	n		7.5E+00	n			2.0E-03	n		
4.4E-03	O		1	0.1							MCPB	94-81-5	2.8E+02	n	3.6E+03	n		6.5E+01	n			2.6E-02	n		
1.0E-03	I		1	0.1							MCPP	93-65-2	6.3E+01	n	8.2E+02	n		1.6E+01	n			4.7E-03	n		
2.0E-02	I		1	0.1							Malathion	121-75-5	1.3E+03	n	1.6E+04	n		3.9E+02	n			1.0E-01	n		
1.0E-01	I	7.0E-04	C	1	0.1						Maleic Anhydride	108-31-6	6.3E+03	n	8.0E+04	n	7.3E-01	n	3.1E+00	n	1.9E+03	n	3.8E-01	n	
5.0E-01	I		1	0.1							Maleic Hydrazide	123-33-1	3.2E+04	n	4.1E+05	nm		1.0E+04	n			2.1E+00	n		
1.0E-04	P		1	0.1							Malonitrile	109-77-3	6.3E+00	n	8.2E+01	n		2.0E+00	n			4.1E-04	n		
3.0E-02	H		1	0.1							Mancozeb	8018-01-7	1.9E+03	n	2.5E+04	n		5.4E+02	n			7.6E-01	n		
5.0E-03	I		1	0.1							Maneb	12427-38-2	3.2E+02	n	4.1E+03	n		9.8E+01	n			1.4E-01	n		
1.4E-01	I	5.0E-05	I	1							Manganese (Diet)	7439-96-5	1.8E+03	n	2.6E+04	n	5.2E-02	n	2.2E-01	n	4.3E+02	n	2.8E+01	n	
2.4E-02	S	5.0E-05	I	0.04							Manganese (Non-diet)	7439-96-5	1.8E+03	n	2.6E+04	n	5.2E-02	n	2.2E-01	n	4.3E+02	n	2.8E+01	n	
9.0E-05	H		1	0.1							Mephsfolan	950-10-7	5.7E+00	n	7.4E+01	n		1.8E+00	n			2.6E-03	n		
3.0E-02	I		1	0.1							Mequiat Chloride	24307-26-4	1.9E+03	n	2.5E+04	n		6.0E+02	n			2.0E-01	n		
4.0E-03	P		1	0.1							Mercaptoenzothiazole, 2-	149-30-4	4.9E+01	c**	2.1E+02	c*		6.3E+00	c*			1.8E-02	c*		
3.0E-04	I	3.0E-04	S	0.07						3.1E+00	Mercury Compounds	7487-94-7	2.3E+01	n	3.5E+02	n	3.1E-01	n	1.3E+00	n	5.7E+00	n	2.0E+00	n	
8.0E-05	I		1								-Mercury Chloride (and other Mercury salts)	7439-97-6	1.1E+01	ns	4.6E+01	ns	3.1E-01	n	1.3E+00	n	6.3E-01	n	2.0E+00	n	
3.0E-05	I	V	1								-Mercury (elemental)	7487-94-7	1.1E+01	ns	4.6E+01	ns	3.1E-01	n	1.3E+00	n	6.3E-01	n	3.3E-02	n	
1.0E-04	I		1								-Methyl Mercury	22967-92-6	7.8E+00	n	1.2E+02	n		2.0E+00	n			5.0E-04	n		
8.0E-05	I		1	0.1							-Phenylmercuric Acetate	62-38-4	5.1E+00	n	6.6E+01	n		1.6E+00	n			5.9E-02	n		
3.0E-05	I	V	1								Merphos	150-50-5	2.3E+00	n	3.5E+01	n		6.0E-01	n			5.9E-02	n		
1.0E-04	O		1	0.1							Merphos Oxide	78-48-8	6.3E+00	n	8.2E+01	n		2.8E-01	n			1.4E-03	n		
6.0E-02	I		1	0.1							Metalaxyl	57837-19-1	3.8E+03	n	4.9E+04	n		1.2E+03	n			3.3E-01	n		
1.0E-04	I	3.0E-02	P	V	1					4.6E+03	Methacrylonitrile	126-98-7	7.5E+00	n	1.0E+02	n	3.1E+01	n	1.3E+02	n	1.9E+00	n	4.3E-04	n	
5.0E-05	I		1	0.1							Methamidophos	10265-92-6	3.2E+00	n	4.1E+01	n		1.0E+00	n			2.1E-04	n		
2.0E+00	I	2.0E+01	I	V	1					1.1E+05	Methanol	67-56-1	1.2E+05	nms	1.2E+06	nms	2.1E+04	n	8.8E+04	n	2.0E+04	n	4.1E+00	n	
1.5E-03	O		1	0.1							Methidathion	950-37-8	9.5E+01	n	1.2E+03	n		2.9E+01	n			7.1E-03	n		
2.5E-02	I		1	0.1							Methomyl	16752-77-5	1.6E+03	n	2.1E+04	n		5.0E+02	n			1.1E-01	n		
5.0E-03	I		1	0.1							Methoxy-5-nitroaniline, 2-	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	1.0E-03	P	V	1					1.2E+05	Methoxychlor	72-43-5	3.2E+02	n	4.1E+03	n		3.7E+01	n			2.0E+00	n		
8.0E-03	P	1.0E-03	P	V	1					1.2E+05	Methoxyethanol Acetate, 2-	110-49-6	1.1E+02	n	5.1E+02	n	1.0E+00	n	4.4E+00	n	2.1E+00	n	4.2E-04	n	
5.0E-03	P	2.0E-02	I	V	1					1.1E+05	Methoxyethanol, 2-	109-86-4	3.3E+02	n	3.5E+03	n	2.1E+01	n	8.8E+01	n	2.9E+01	n	5.9E-03	n	
1.0E+00	X		1	0.1						2.9E+04	Methyl Acetate	79-20-9	7.8E+04	ns	1.2E+06	nms		2.0E+04	n			4.1E+00	n		
2.0E-02	P	V	1							6.8E-03	Methyl Acrylate	96-33-3	1.5E+02	n	6.1E+02	n	2.1E+01	n	8.8E+01	n	2.2E+01	n	8.9E-03	n	
6.0E-01	I	5.0E+00	I	V	1					2.8E+04	Methyl Ethyl Ketone (2-Butanone)	78-93-3	2.7E+04	n	1.9E+05	nms	5.2E+03	n	2.2E+04	n	5.6E+03	n	1.2E+00	n	
1.0E-03	X	1.0E-03	P	2.0E-05	X	V	1			1.8E+05	Methyl Hydrazine	60-34-4	1.4E-01	c**	6.2E-01	c**	2.8E-03	c**	1.2E-02	c**	1.3E-06	c**	1.3E-06	c**	
3.0E+00	I	V																							

Toxicity and Chemical-specific Information															Contaminant	Screening Levels										Protection of Ground Water SSLs	
SFO	Key	IUR	Key	RfD _d	Key	RfC _i	Key	muta-	GIABS	ABS	C _{sat}	Analyte	CAS No.	Resident Soil	Industrial Soil	Resident Air	Industrial Air	Tapwater	key	MCL	Risk-based SSL	MCL-based SSL					
(mg/kg-day) ¹		(ug/m ³) ¹		(mg/kg-day)		(mg/m ³)		gen			(mg/kg)			(mg/kg)	(mg/kg)	(ug/m ³)	(ug/m ³)	(ug/L)	key	(ug/L)	(mg/kg)	(mg/kg)					
4.0E-03	X			2.0E-03	P					0.1	3.9E+02	Pentaerythritol tetranitrate (PETN)	78-11-5	1.3E+02		1.3E+02		1.9E+01	c**		2.8E-02	c**					
						1.0E+00	P	V		1		Pentane, n-	109-66-0	8.1E+02	ns	3.4E+03	ns	1.0E+03	n	4.4E+03	n	2.1E+03	n				
				7.0E-04	I					1		Perchlorates															
				7.0E-04	I					1		-Ammonium Perchlorate	7790-98-9	5.5E+01	n	8.2E+02	n			1.4E+01	n		n				
				7.0E-04	I					1		-Lithium Perchlorate	7791-03-9	5.5E+01	n	8.2E+02	n			1.4E+01	n		n				
				7.0E-04	I					1		-Perchlorate and Perchlorate Salts	14797-73-0	5.5E+01	n	8.2E+02	n			1.4E+01	n	1.5E+01(F)	n				
				7.0E-04	I					1		-Potassium Perchlorate	7778-74-7	5.5E+01	n	8.2E+02	n			1.4E+01	n		n				
				7.0E-04	I					1		-Sodium Perchlorate	7601-89-0	5.5E+01	n	8.2E+02	n			1.4E+01	n		n				
				2.0E-02	P					0.1		Perfluorobutane sulfonic acid (PFBS)	375-73-5	1.3E+03	n	1.6E+04	n			4.0E+02	n	1.3E-01	n				
				2.0E-02	P					0.1		Perfluorobutanesulfonate	45187-15-3	1.3E+03	n	1.6E+04	n			4.0E+02	n	1.3E-01	n				
				5.0E-02	I					0.1		Permethrin	52645-53-1	3.2E+03	n	4.1E+04	n			1.0E+03	n	2.4E+02	n				
2.2E-03	C	6.3E-07	C							0.1		Phenacetin	62-44-2	2.5E+02	c	1.0E+03	c	4.5E+00	c	1.9E+01	c	3.4E+01	c				
				2.4E-01	O					0.1		Phenmedipham	13684-63-4	1.5E+04	n	2.0E+05	nm			3.8E+03	n	2.1E+01	n				
				3.0E-01	I	2.0E-01	C			0.1		Phenol	108-95-2	1.9E+04	n	2.5E+05	nm	2.1E+02	n	8.8E+02	n	5.8E+03	n				
				4.0E-03	I					0.1		Phenol, 2-(1-methylethoxy)-, methylcarbamate	114-26-1	2.5E+02	n	3.3E+03	n			7.8E+01	n	2.5E-02	n				
				5.0E-04	X					0.1		Phenothiazine	92-84-2	3.2E+01	n	4.1E+02	n			4.3E+00	n	1.4E-02	n				
				2.0E-04	X			V			1.3E+02	Phenyl Isothiocyanate	103-72-0	1.6E+01	n	2.3E+02	ns			2.6E+00	n	1.7E-03	n				
				6.0E-03	I					0.1		Phenylenediamine, m-	108-45-2	3.8E+02	n	4.9E+03	n			1.2E+02	n	3.2E-02	n				
				4.0E-03	P					0.1		Phenylenediamine, o-	95-54-5	4.5E+00	c*	1.9E+01	c			6.5E-01	c	1.7E-04	c				
				1.0E-03	X					0.1		Phenylenediamine, p-	106-50-3	6.3E+01	n	8.2E+02	n			2.0E+01	n	5.4E-03	n				
1.2E-01	P											Phenylphenol, 2-	90-43-7	2.8E+02	c	1.2E+03	c			3.0E+01	c	4.1E-01	c				
				2.0E-04	H					0.1	1.6E+03	Phorate	298-02-2	1.3E+01	n	1.6E+02	n			3.0E+00	n	3.4E-03	n				
				3.0E-04	I	V				1		Phosgene	75-44-5	3.1E+01	n	1.3E+00	n	3.1E-01	n	1.3E+00	n						
				2.0E-02	I					0.1		Phosmet	732-11-6	1.3E+03	n	1.6E+04	n			3.7E+02	n	8.2E-02	n				
				4.9E+01	P					1		Phosphates, Inorganic															
				4.9E+01	P					1		-Aluminum metaphosphate	13776-88-0	3.8E+06	nm	5.7E+07	nm			9.7E+05	n		n				
				4.9E+01	P					1		-Ammonium polyphosphate	68333-79-9	3.8E+06	nm	5.7E+07	nm			9.7E+05	n		n				
				4.9E+01	P					1		-Calcium pyrophosphate	7790-76-3	3.8E+06	nm	5.7E+07	nm			9.7E+05	n		n				
				4.9E+01	P					1		-Diammonium phosphate	7783-28-0	3.8E+06	nm	5.7E+07	nm			9.7E+05	n		n				
				4.9E+01	P					1		-Dicalcium phosphate	7757-93-9	3.8E+06	nm	5.7E+07	nm			9.7E+05	n		n				
				4.9E+01	P					1		-Dimagnesium phosphate	7782-75-4	3.8E+06	nm	5.7E+07	nm			9.7E+05	n		n				
				4.9E+01	P					1		-Dipotassium phosphate	7758-11-4	3.8E+06	nm	5.7E+07	nm			9.7E+05	n		n				
				4.9E+01	P					1		-Disodium phosphate	7658-79-4	3.8E+06	nm	5.7E+07	nm			9.7E+05	n		n				
				4.9E+01	P					1		-Monoaluminum phosphate	13530-50-2	3.8E+06	nm	5.7E+07	nm			9.7E+05	n		n				
				4.9E+01	P					1		-Monoammonium phosphate	7722-76-1	3.8E+06	nm	5.7E+07	nm			9.7E+05	n		n				
				4.9E+01	P					1		-Monocalcium phosphate	7758-23-8	3.8E+06	nm	5.7E+07	nm			9.7E+05	n		n				
				4.9E+01	P					1		-Monomagnesium phosphate	7757-86-0	3.8E+06	nm	5.7E+07	nm			9.7E+05	n		n				
				4.9E+01	P					1		-Monopotassium phosphate	7778-77-0	3.8E+06	nm	5.7E+07	nm			9.7E+05	n		n				
				4.9E+01	P					1		-Monosodium phosphate	7658-80-7	3.8E+06	nm	5.7E+07	nm			9.7E+05	n		n				
				4.9E+01	P					1		-Polyphosphoric acid	8017-16-1	3.8E+06	nm	5.7E+07	nm			9.7E+05	n		n				
				4.9E+01	P					1		-Potassium tripolyphosphate	13845-36-8	3.8E+06	nm	5.7E+07	nm			9.7E+05	n		n				
				4.9E+01	P					1		-Sodium acid pyrophosphate	7758-16-9	3.8E+06	nm	5.7E+07	nm			9.7E+05	n		n				
				4.9E+01	P					1		-Sodium aluminum phosphate (acidic)	7785-88-8	3.8E+06	nm	5.7E+07	nm			9.7E+05	n		n				
				4.9E+01	P					1		-Sodium aluminum phosphate (anhydrous)	10279-59-1	3.8E+06	nm	5.7E+07	nm			9.7E+05	n		n				
				4.9E+01	P					1		-Sodium aluminum phosphate (tetrahydrate)	10305-76-7	3.8E+06	nm	5.7E+07	nm			9.7E+05	n		n				
				4.9E+01	P					1		-Sodium hexametaphosphate	10124-56-8	3.8E+06	nm	5.7E+07	nm			9.7E+05	n		n				
				4.9E+01	P					1		-Sodium polyphosphate	68915-31-1	3.8E+06	nm	5.7E+07	nm			9.7E+05	n		n				
				4.9E+01	P					1		-Sodium trimetaphosphate	7785-84-4	3.8E+06	nm	5.7E+07	nm			9.7E+05	n		n				
				4.9E+01	P					1		-Sodium tripolyphosphate	7758-29-4	3.8E+06	nm	5.7E+07	nm			9.7E+05	n		n				
				4.9E+01	P					1		-Tetrapotassium phosphate	7320-34-5	3.8E+06	nm	5.7E+07	nm			9.7E+05	n		n				
				4.9E+01	P					1		-Tetrasodium pyrophosphate	7722-88-5	3.8E+06	nm	5.7E+07	nm			9.7E+05	n		n				
				4.9E+01	P					1		-Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate)	15136-87-5	3.8E+06	nm	5.7E+07	nm			9.7E+05	n		n				
				4.9E+01	P					1		-Tricalcium phosphate	7758-87-4	3.8E+06	nm	5.7E+07	nm			9.7E+05	n		n				
				4.9E+01	P					1		-Trimagnesium phosphate	7757-87-1	3.8E+06	nm	5.7E+07	nm			9.7E+05	n		n				
				4.9E+01	P					1		-Tripotassium phosphate	7778-53-2	3.8E+06	nm	5.7E+07	nm			9.7E+05	n		n				
				4.9E+01	P					1		-Trisodium phosphate	7601-54-9	3.8E+06	nm	5.7E+07	nm			9.7E+05	n		n				
				3.0E-04	I	3.0E-04	I	V		1		Phosphine	7803-51-2	2.3E+01	n	3.5E+02	n	3.1E-01	n	1.3E+00	n	5.7E-01	n				
				4.9E+01	P	1.0E-02	I			1		Phosphoric Acid	7664-38-2	3.0E+06	nm	2.9E+07	nm	1.0E+01	n	4.4E+01	n	9.7E+05	n				
				2.0E-05	I			V		1		Phosphorus, White	7723-14-0	1.6E+00	n	2.3E+01	n			4.0E-01	n	1.5E-03	n				
												Phthalates															
1.4E-02	I	2.4E-06	C	2.0E-02	I					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*				
1.9E-03	P			2.0E-01	I					0.1		-Butyl Benzyl Phthalate	85-68-7	2.9E+02	c*	1.2E+03	c			1.6E+01	c	6.0E+00	1.3E+00				
				1.0E+00	I					0.1		-Butylphthalyl Butylglycolate	85-70-1	6.3E+04	n	8.2E+05	nm	</									

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; 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)*	K _e (y)	IUR (ug/m ³)*	K _e (y)	RfD _c (mg/kg-day)	K _e (y)	RfC _c (mg/m ³)	K _e (y)	muta- gen	GIABS	ABS	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	Industrial Soil (mg/kg)	Resident Air (ug/m ³)	Industrial Air (ug/m ³)	Tapwater (ug/L)	key	key	key	key	key	key	MCL (ug/L)	Risk-based SSL (mg/kg)	key	MCL-based SSL (mg/kg)	
2.0E+00	S	5.7E-04	S		V						0.14	~Aroclor 1221	11104-28-2	2.0E-01	c	8.3E-01	c	4.9E-03	c	2.1E-02	c	4.7E-03	c				8.0E-05	c	
2.0E+00	S	5.7E-04	S		V						0.14	~Aroclor 1232	11141-16-5	1.7E-01	c	7.2E-01	c	4.9E-03	c	2.1E-02	c	4.7E-03	c				8.0E-05	c	
2.0E+00	S	5.7E-04	S		V						0.14	~Aroclor 1242	53469-21-9	2.3E-01	c	9.5E-01	c	4.9E-03	c	2.1E-02	c	4.8E-03	c				1.2E-03	c	
2.0E+00	S	5.7E-04	S		V						0.14	~Aroclor 1248	12672-29-6	2.3E-01	c	9.5E-01	c	4.9E-03	c	2.1E-02	c	7.8E-03	c				1.2E-03	c	
2.0E+00	S	5.7E-04	S	2.0E-05	I						0.14	~Aroclor 1254	11097-69-1	2.4E-01	c**	9.7E-01	c*	4.9E-03	c	2.1E-02	c	4.8E-03	c*				2.0E-03	c*	
2.0E+00	S	5.7E-04	S		V						0.14	~Aroclor 1260	11096-82-5	2.4E-01	c	9.9E-01	c	4.9E-03	c	2.1E-02	c	7.8E-03	c				5.5E-03	c	
				6.0E-04	X						0.14	~Aroclor 5460	11126-42-4	3.5E+01	n	4.4E+02	n					1.2E+01	n				2.0E+00	n	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V			0.14	~Heptachlorobiphenyl, 2,3,3',4,4',5,5'-(PCB 189)	39635-31-9	1.3E-01	c*	5.2E-01	c*	2.5E-03	c	1.1E-02	c	4.0E-03	c				2.8E-03	c	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V			0.14	~Hexachlorobiphenyl, 2,3,3',4,4',5,5'-(PCB 167)	52663-72-6	1.2E-01	c*	5.1E-01	c*	2.5E-03	c	1.1E-02	c	4.0E-03	c				1.7E-03	c	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V			0.14	~Hexachlorobiphenyl, 2,3,3',4,4',5,5'-(PCB 157)	69782-90-7	1.2E-01	c*	5.0E-01	c*	2.5E-03	c	1.1E-02	c	4.0E-03	c				1.7E-03	c	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V			0.14	~Hexachlorobiphenyl, 2,3,3',4,4',5,5'-(PCB 156)	38380-08-4	1.2E-01	c*	5.0E-01	c*	2.5E-03	c	1.1E-02	c	4.0E-03	c				1.7E-03	c	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-06	E	V			0.14	~Hexachlorobiphenyl, 3,3',4,4',5,5'-(PCB 169)	32774-16-6	1.2E-04	c*	5.1E-04	c*	2.5E-06	c	1.1E-05	c	4.0E-06	c				1.7E-06	c	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V			0.14	~Pentachlorobiphenyl, 2,3,4,4',5-(PCB 123)	65510-44-3	1.2E-01	c*	4.9E-01	c*	2.5E-03	c	1.1E-02	c	4.0E-03	c				1.0E-03	c	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V			0.14	~Pentachlorobiphenyl, 2,3',4,4',5-(PCB 118)	31508-00-6	1.2E-01	c*	4.9E-01	c*	2.5E-03	c	1.1E-02	c	4.0E-03	c				1.0E-03	c	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V			0.14	~Pentachlorobiphenyl, 2,3,3',4,4'-(PCB 105)	32598-14-4	1.2E-01	c*	4.9E-01	c*	2.5E-03	c	1.1E-02	c	4.0E-03	c				1.0E-03	c	
3.9E+00	E	1.1E-03	E	2.3E-05	E	1.3E-03	E	V			0.14	~Pentachlorobiphenyl, 2,3,4,4',5-(PCB 114)	74472-37-0	1.2E-01	c*	5.0E-01	c*	2.5E-03	c	1.1E-02	c	4.0E-03	c				1.0E-03	c	
1.3E+04	E	3.8E+00	E	7.0E-09	E	4.0E-07	E	V			0.14	~Pentachlorobiphenyl, 3,3',4,4',5-(PCB 126)	57465-28-8	3.6E-05	c*	1.5E-04	c*	7.4E-07	c	3.2E-06	c	1.2E-06	c				3.0E-07	c	
2.0E+00	I	5.7E-04	I		V						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		6.8E-03	c	7.8E-02
4.0E-01	I	1.0E-04	I		V						0.14	~Polychlorinated Biphenyls (low risk)	1336-36-3				2.8E-02	c	1.2E-01	c	4.4E-02	c		5.0E-01		6.8E-03	c	7.8E-02	
7.0E-02	I	2.0E-05	I		V						0.14	~Polychlorinated Biphenyls (lowest risk)	1336-36-3				1.4E-01	c	6.1E-01	c						9.4E-04	c*		
1.3E+01	E	3.8E-03	E	7.0E-06	E	4.0E-04	E	V			0.14	~Tetrachlorobiphenyl, 3,3',4,4'-(PCB 77)	32598-13-3	3.8E-02	c*	1.6E-01	c*	7.4E-04	c	3.2E-03	c	6.0E-03	c*				9.2E-05	c	
3.9E+01	E	1.1E-02	E	2.3E-06	E	1.3E-04	E	V			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				6.2E-05	c	
				6.0E-04	I						0.1	Polymeric Methylene Diphenyl Diisocyanate (PMDI)	9016-87-9	8.5E+05	nm	3.6E+06	nm	6.3E-01	n	2.6E+00	n								
				6.0E-02	I						0.13	Polynuclear Aromatic Hydrocarbons (PAHs)	83-32-9	3.6E+03	n	4.5E+04	n					5.3E+02	n				5.5E+00	n	
				3.0E-01	I						0.13	~Anthracene	120-12-7	1.8E+04	n	2.3E+05	nm					1.8E+03	n				5.8E+01	n	
1.0E-01	E	6.0E-05	E		V						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				1.1E-02	c	
1.2E+00	C	1.1E-04	C		V						0.13	~Benzo[ghi]fluoranthene	205-82-3	4.2E-01	c	1.8E+00	c	2.6E-02	c	1.1E-01	c	6.5E-02	c				7.8E-02	c	
1.0E+00	I	6.0E-04	I	3.0E-04	I	2.0E-06	I	M			0.13	~Benzo[a]pyrene	50-32-8	1.1E-01	c	2.1E+00	c	1.7E-03	c**	8.8E-03	n	2.5E-02	c	2.0E-01		2.9E-02	c	2.4E-01	
1.0E-01	E	6.0E-05	E		V						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				3.0E-01	c	
1.0E-02	E	6.0E-06	E		V						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				2.9E+00	c	
				8.0E-02	I						0.13	~Chloronaphthalene, Beta-	91-58-7	4.8E+03	n	6.0E+04	n					7.5E+02	n				3.9E+00	n	
1.0E-03	E	6.0E-07	E		V						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				9.0E+00	c	
1.0E+00	E	6.0E-04	E		V						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				9.6E-02	c	
1.2E+01	C	1.1E-03	C		V						0.13	~Dibenz[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				8.4E-02	c	
2.5E+02	C	7.1E-02	C		V						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				9.9E-05	c	
				4.0E-02	I						0.13	~Fluoranthene	206-44-0	2.4E+03	n	3.0E+04	n					8.0E+02	n				8.9E+01	n	
				4.0E-02	I						0.13	~Fluorene	86-73-7	2.4E+03	n	3.0E+04	n					2.9E+02	n				5.4E+00	n	
1.0E-01	E	6.0E-05	E		V						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				9.8E-01	c	
2.9E-02	P			7.0E-02	A						3.9E+02	~Methylnaphthalene, 1-	90-12-0	1.8E+01	c	7.3E+01	c					1.1E+00	c				6.0E-03	c	
				4.0E-03	I						0.13	~Methylnaphthalene, 2-	91-57-6	2.4E+02	n	3.0E+03	n					3.6E+01	n				1.9E-01	n	
				2.0E-02	I						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*				5.4E-04	c*	
1.2E+00	C	1.1E-04	C		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				3.3E-03	c	
				3.0E-02	I						0.13	~Pyrene	129-00-0	1.8E+03	n	2.3E+04	n					1.2E+02	n				1.3E+01	n	
1.5E-01	I			2.0E-02	P						0.1	Potassium Perfluorobutane Sulfonate	29420-49-3	1.3E+03	n	1.6E+04	n					4.0E+02	n						
				9.0E-03	I						0.1	Prochloraz	67747-09-5	3.6E+00	c	1.5E+01	c					3.8E-01	c				1.9E-03	c	
				6.																									

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Toxicity and Chemical-specific Information										Contaminant			Screening Levels						Protection of Ground Water SSLs										
SFO	Ke	IUR	Ke	RfD	Ke	RfC	Ke	muta-	GIABS	ABS	Csat	Analyte	CAS No.	Resident Soil	Industrial Soil	Resident Air	Industrial Air	Tapwater	key	MCL	Risk-based SSL	key	MCL-based SSL						
(mg/kg-day) ⁻¹	y	(ug/m ³) ⁻¹	y	(mg/kg-day)	y	(mg/m ³) ⁻¹	y	gen			(mg/kg)		(mg/kg)	key	(mg/kg)	key	(ug/m ³)	key	(ug/m ³)	key	(ug/L)	(mg/kg)	key	(mg/kg)					
				1.4E-01	O						0.1	Sethoxydim	74051-80-2	8.8E+03	n	1.1E+05	nm				1.6E+03	n	1.4E+01	n					
				5.0E-03	I	3.0E-03	C		1		0.04	Silica (crystalline, respirable)	7631-86-9	4.3E+06	nm	1.8E+07	nm	3.1E+00	n	1.3E+01	n	9.4E+01	n	8.0E-01	n				
				1.2E-01	H					1	0.1	Silver	7440-22-4	3.9E+02	n	5.8E+03	n						4.0E+00	3.0E+04	c	2.0E-03			
				5.0E-03	I				1			Simazine	122-34-9	4.5E+00	c*	1.9E+01	c					6.1E+01	c	3.0E+04	c	2.0E-03			
				1.3E-02	I				1		0.1	Sodium Acifluorfen	62476-59-9	8.2E+02	n	1.1E+04	n					2.6E+02	n	2.1E+00	n				
				4.0E-03	I				1			Sodium Azide	28628-22-8	3.1E+02	n	4.7E+03	n					8.0E+01	n						
				5.0E-01	C	1.5E-01	C		2.0E-02	C	2.0E-04	C	M	0.025	Sodium Dichromate	10588-01-9	3.0E-01	c	6.2E+00	c	6.8E-06	c	8.2E-05	c	4.1E-02	c			
				2.7E-01	H					1	0.1	Sodium Diethyldithiocarbamate	148-18-5	2.0E+00	c	8.5E+00	c					2.9E+01	c	1.8E-04	c				
				5.0E-02	I	1.3E-02	C		1			Sodium Fluoride	7681-49-4	3.9E+03	n	5.8E+04	n	1.4E+01	n	5.7E+01	n	1.0E+03	n						
				2.0E-05	I				1		0.1	Sodium Fluoroacetate	62-74-8	1.3E+00	n	1.8E+01	n					4.0E+01	n	8.1E-05	n				
				1.0E-03	H				1			Sodium Metavanadate	13718-26-8	7.8E+01	n	1.2E+03	n					2.0E+01	n						
				8.0E-04	P				1			Sodium Tungstate	13472-45-2	6.3E+01	n	9.3E+02	n					1.6E+01	n						
				8.0E-04	P				1			Sodium Tungstate Dihydrate	10213-10-2	6.3E+01	n	9.3E+02	n					1.6E+01	n						
				3.0E-02	I				1		0.1	Stirofos (Tetrachloroviphos)	961-11-5	2.3E+01	c*	9.8E+01	c					2.8E+00	c	8.2E-03	c				
				2.0E-02	C	2.0E-02	C		2.0E-04	C	M	0.025	Strontium Chromate	7789-06-2	3.0E-01	c	6.2E+00	c	6.8E-06	c	8.2E-05	c	4.1E-02	c					
				6.0E-01	I				1			Strontium, Stable	7440-24-6	4.7E+04	n	7.0E+05	nm					1.2E+04	n	4.2E+02	n				
				3.0E-04	I				1		0.1	Strychnine	57-24-9	1.9E+01	n	2.5E+02	n					5.9E+00	n	6.5E-02	n				
				2.0E-01	I	1.0E+00	I	V	1		8.7E+02	Styrene	100-42-5	6.0E+03	ns	3.5E+04	ns	1.0E+03	n	4.4E+03	n	1.2E+03	n	1.0E+02	1.3E+00	n	1.1E-01		
				3.0E-03	P	2.0E-03	X		1		0.1	Styrene-Acrylonitrile (SAN) Trimer	19E+02	n	2.5E+03	n					4.8E+01	n							
				1.0E-03	P				1		0.1	Sulfone	126-33-0	6.3E+01	n	8.2E+02	n	2.1E+00	n	8.8E+00	n	2.0E+01	n	4.4E-03	n				
				8.0E-04	P				1		0.1	Sulfonylbis(4-chlorobenzene), 1,1'-	80-07-9	5.1E+01	n	6.8E+02	n					1.1E+01	n	6.5E-02	n				
				1.0E-03	C	V			1			Sulfur Trioxide	7446-11-9	1.4E+06	nm	6.0E+06	nm	1.0E+00	n	4.4E+00	n	2.1E+00	n						
				2.5E-02	I	7.1E-06	I		5.0E-02	H		1.0E-03	Sulfuric Acid	7664-93-9	1.4E+06	nm	6.0E+06	nm	1.0E+00	n	4.4E+00	n			1.5E-02	c			
				3.0E-02	H				1		0.1	Sulfurous acid, 2-chloroethyl 2-[4-(1,1-dimethylethyl)phenoxy]-1-methylethyl ester	140-57-8	2.2E+01	c	9.2E+01	c	4.0E-01	c	1.7E+00	c	1.3E+00	c						
				7.0E-02	I				1		0.1	TCMTB	21564-17-0	1.9E+03	n	2.5E+04	n					4.8E+02	n	3.3E+00	n				
				2.0E-02	H				1		0.1	Tebuthiuron	34014-18-1	4.4E+03	n	5.7E+04	n					1.4E+03	n	3.9E-01	n				
				1.3E-02	I				1		0.1	Temephos	3383-96-8	1.3E+03	n	1.8E+04	n					4.0E+02	n	7.6E+01	n				
				2.5E-05	H			V	1		3.1E+01	Terbacil	5902-51-2	8.2E+02	n	1.1E+04	n					2.5E+02	n	7.5E-02	n				
				1.0E-03	I				1		0.1	Terbufos	13071-79-9	2.0E+00	n	2.9E+01	n					2.4E+01	n	5.2E-04	n				
				1.0E-04	I				1		0.1	Terbutryn	886-50-0	6.3E+01	n	8.2E+02	n					1.3E+01	n	1.9E-02	n				
				3.0E-04	I			V	1			Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	5436-43-1	6.3E+00	n	8.2E+01	n					2.0E+00	n	5.3E-02	n				
				3.0E-04	I			V	1			Tetrachlorobenzene, 1,2,4,5-	95-94-3	2.3E+01	n	3.5E+02	n					1.7E+00	n	7.9E-03	n				
				3.0E-02	I			V	1		6.8E+02	Tetrachloroethane, 1,1,1,2-	6300-20-6	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	2.0E-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	2.4E+01	c**	1.0E+02	c**	1.1E+01	c**	4.7E+01	c**	1.1E+01	c**	5.0E+00	5.1E-03	c**	2.3E-03
				3.0E-02	I				1		0.1	Tetrachlorophenol, 2,3,4,6-	58-90-2	1.9E+03	n	2.5E+04	n					2.4E+02	n	1.8E-01	n				
				2.0E+01	H			V	1		0.1	Tetrachlorotoluene, p-alpha, alpha, alpha-	5216-25-1	3.5E-02	c	1.6E-01	c					1.3E-03	c	4.5E-06	c				
				5.0E-04	I				1		0.1	Tetraethyl Dithiopyrophosphate	3689-24-5	3.2E+01	n	4.1E+02	n					7.1E+00	n	5.2E-03	n				
				8.0E+01	I	V			1		2.1E+03	Tetrafluoroethane, 1,1,1,2-	811-97-2	1.0E+05	nms	4.3E+05	nms	8.3E+04	n	3.5E+05	n	1.7E+05	n	9.3E+01	n				
				2.0E-03	P				1	0.0007		Tetryl (Trinitrophenylmethylnitramine)	479-45-8	1.6E+02	n	2.3E+03	n					3.9E+01	n	3.7E-01	n				
				2.0E-05	S				1			Thallic Oxide	1314-32-5	1.6E+00	n	2.3E+01	n					4.0E+01	n						
				1.0E-05	X				1			Thallium (I) Nitrate	10102-45-1	7.8E-01	n	1.2E+01	n					2.0E+01	n						
				1.0E-05	X				1			Thallium (Soluble Salts)	7440-28-0	7.8E-01	n	1.2E+01	n					2.0E+01	n	2.0E+00	1.4E-02	n	1.4E-01		
				1.0E-05	X			V	1			Thallium Acetate	563-68-8	7.8E-01	n	1.2E+01	n					2.0E+01	n	4.1E-05	n				
				2.0E-05	X			V	1			Thallium Carbonate	6533-73-9	1.6E+00	n	2.3E+01	n					4.0E+01	n	8.3E-05	n				
				1.0E-05	X				1			Thallium Chloride	7791-12-0	7.8E-01	n	1.2E+01	n					2.0E+01	n						
				1.0E-05	S				1			Thallium Selenite	12039-52-0	7.8E-01	n	1.2E+01	n					2.0E+01	n						
				2.0E-05	X				1			Thallium Sulfate	7446-18-6	1.6E+00	n	2.3E+01	n					4.0E+01	n						
				4.3E-02	O				1		0.1	Thiensiulfuron-methyl	79277-27-3	2.7E+03	n	3.6E+04	n					8.6E+02	n	2.6E-01	n				
				1.0E-02	I				1		0.1	Thiobencarb	28249-77-6	6.3E+02	n	8.2E+03	n					1.6E+02	n	5.5E-01	n				
				7.0E-02	X				1		0.0075	Thiodiglycol	111-48-8	5.4E+03	n	7.9E+04	n					1.4E+03	n	2.8E-01	n				
				3.0E-04	H				1		0.1	Thiofanox	39196-18-4	1.9E+01	n	2.5E+02	n					5.3E+00	n	1.8E-03	n				
				2.7E-02	O				1		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				1		0.1	Thiram	137-26-8	9.5E+02	n	1.2E+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; L = see user guide on lead; M = mutagen; S = see user guide Section 5; V = volatile; R = RBA applied (See User Guide for Arsenic notice); c = cancer; n = noncancer; * = where: n SL < 100X c SL; ** = where n SL < 10X c SL; SSL values are based on DAF=1; m = Concentration may exceed ceiling limit (See User Guide); s = Concentration may exceed Csat (See User Guide)

Toxicity and Chemical-specific Information										Contaminant		Screening Levels										Protection of Ground Water SSLs					
SFO (mg/kg-day) ¹	K _e (y)	IUR (ug/m ³) ¹	K _e (y)	RfD _c (mg/kg-day)	K _e (y)	RfC _c (mg/m ³)	K _e (y)	muta-	GIABS	ABS	C _{sat} (mg/kg)	Analyte	CAS No.	Resident Soil (mg/kg)	Industrial Soil (mg/kg)	Resident Air (ug/m ³)	Industrial Air (ug/m ³)	Tapwater (ug/L)	MCL (ug/L)	Risk-based SSL (mg/kg)	MCL-based SSL (mg/kg)						
				5.0E-03	I			V				Tribromobenzene, 1,2,4-	615-54-3	3.9E+02	n	5.8E+03	n	4.5E+01	n		6.4E-02	n					
				9.0E-03	X				1	0.1		Tribromophenol, 2,4,6-	118-79-6	5.7E+02	n	7.4E+03	n	1.2E+02	n		2.2E-01	n					
9.0E-03	P			1.0E-02	P							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							Tributyltin Compounds	E1790678	1.9E+01	n	2.5E+02	n	6.0E+00	n		2.9E+02	n					
				3.0E-04	I							Tributyltin Oxide	56-35-9	1.9E+01	n	2.5E+02	n	5.7E+00	n								
				3.0E+01	I	5.0E+00	P	V			9.1E+02	Trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1	6.7E+03	ns	2.8E+04	ns	5.2E+03	n	2.2E+04	n	1.0E+04	n	2.6E+01	n		
7.0E-02	I			2.0E-02	I							Trichloroacetic Acid	76-03-9	7.6E+00	c	3.3E+01	c	1.1E+00	c	6.0E+01	2.2E-04	c	1.2E-02				
2.9E-02	H											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							Trichloroaniline, 2,4,6-	634-93-5	1.9E+00	n	2.5E+01	n	4.0E-01	n		3.6E-03	n					
				8.0E-04	X				V		0.1	Trichlorobenzene, 1,2,3-	87-61-6	6.3E+01	n	9.3E+02	n	7.0E+00	n		2.1E-02	n					
2.9E-02	P			1.0E-02	I	2.0E-03	P	V			4.0E+02	Trichlorobenzene, 1,2,4-	120-82-1	2.4E+01	c**	1.1E+02	c**	2.1E+00	n	8.8E+00	n	7.0E+01	3.4E-03	c**	2.0E-01		
				2.0E+00	I	5.0E+00	I	V			6.4E+02	Trichloroethane, 1,1,1-	71-55-6	8.1E+03	ns	3.6E+04	ns	5.2E+03	n	2.2E+04	n	8.0E+03	n	2.0E+02	2.8E+00	n	7.0E-02
5.7E-02	I	1.6E-05	I	4.0E-03	I	2.0E-04	X	V			2.2E+03	Trichloroethane, 1,1,2-	79-00-5	1.1E+00	c**	5.0E+00	c**	1.8E-01	c**	7.7E-01	c**	2.8E-01	c**	5.0E+00	8.9E-05	c**	1.6E-03
4.6E-02	I	4.1E-06	I	5.0E-04	I	2.0E-03	I	V	M		6.9E+02	Trichloroethylene	79-01-6	9.4E-01	c**	6.0E+00	c**	4.8E-01	c**	3.0E+00	c**	4.9E-01	c**	5.0E+00	1.8E-04	c**	1.8E-03
				3.0E-01	I						1.2E+03	Trichlorofluoromethane	75-69-4	2.3E+04	ns	3.5E+05	nms	5.2E+03	n		3.3E+00	n					
1.1E-02	I	3.1E-06	I	1.0E-01	I						0.1	Trichlorophenol, 2,4,5-	95-95-4	6.3E+03	n	8.2E+04	n	1.2E+03	n		4.0E+00	n					
				1.0E-03	P						0.1	Trichlorophenol, 2,4,6-	88-06-2	4.9E+01	c**	2.1E+02	c**	9.1E-01	c	4.0E+00	c	4.0E-03	c**				
				1.0E-02	I						0.1	Trichlorophenoxyacetic Acid, 2,4,5-	93-76-5	6.3E+02	n	8.2E+03	n	1.6E+02	n		6.8E-02	n					
				8.0E-03	I						0.1	Trichlorophenoxypropionic acid, -2,4,5	93-72-1	5.1E+02	n	6.6E+03	n	1.1E+02	n		6.1E-02	n					
				5.0E-03	I						1.3E+03	Trichloropropane, 1,1,2-	598-77-6	3.9E+02	n	5.8E+03	ns	8.8E+01	n		3.5E-02	n					
3.0E+01	I			4.0E-03	I	3.0E-04	I	V	M		1.4E+03	Trichloropropane, 1,2,3-	96-18-4	5.1E-03	c	1.1E-01	c	3.1E-01	n	1.3E+00	n	7.5E-04	c	3.2E-07	c		
				3.0E-03	X	3.0E-04	P	V			3.1E+02	Trichloropropene, 1,2,3-	96-19-5	7.3E-01	n	3.1E+00	n	3.1E-01	n	1.3E+00	n	6.2E-01	n	3.1E-04	n		
				2.0E-02	A						0.1	Tricresyl Phosphate (TCP)	1330-78-5	1.3E+03	n	1.6E+04	n	1.6E+02	n		1.5E+01	n					
				3.0E-03	I						0.1	Triphenylamine	58138-08-2	1.9E+02	n	2.5E+03	n	1.8E+01	n		1.3E-01	n					
				2.0E+00	P	7.0E-03	I	V			2.8E+04	Triethylamine	121-44-8	1.2E+02	n	4.8E+02	n	7.3E+00	n	3.1E+01	n	1.5E+01	n	4.4E-03	n		
				2.0E+00	P						4.8E+03	Triethylene Glycol	112-27-6	1.3E+05	nm	1.0E+06	nm	4.0E+04	n		8.8E+00	n					
7.7E-03	I			7.5E-03	I						0.1	Trifluoroethane, 1,1,1-	420-46-2	1.5E+04	ns	6.2E+04	ns	2.1E+04	n	8.8E+04	n	4.2E+04	n	1.3E+02	n		
2.0E-02	P			1.0E-02	P						0.1	Trifluralin	1582-09-8	9.0E+01	c**	4.2E+02	c*	2.6E+00	c*		8.4E-02	c*					
				1.0E-02	I	6.0E-02	I	V			2.9E+02	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			2.9E+02	Trimethylbenzene, 1,2,3-	526-73-8	3.4E+02	ns	2.0E+03	ns	6.3E+01	n	2.6E+02	n	5.5E+01	n	8.1E-02	n		
				1.0E-02	I	6.0E-02	I	V			2.2E+02	Trimethylbenzene, 1,2,4-	95-63-6	3.0E+02	ns	1.8E+03	ns	6.3E+01	n	2.6E+02	n	5.6E+01	n	8.1E-02	n		
				1.0E-02	I	6.0E-02	I	V			1.8E+02	Trimethylbenzene, 1,3,5-	108-67-8	2.7E+02	ns	1.5E+03	ns	6.3E+01	n	2.6E+02	n	6.0E+01	n	8.7E-02	n		
				1.0E-02	X						3.0E+01	Trimethylpentane, 2,4,4-	25167-70-8	7.8E+02	ns	1.2E+04	ns				6.5E+01	n	2.2E-01	n			
				3.0E-02	I					0.019		99-35-4	2.2E+03	n	3.2E+04	n				5.9E+02	n	2.1E+00	n				
3.0E-02	I			5.0E-04	I					0.032		118-96-7	2.1E+01	c**	9.6E+01	c**				2.5E+00	c**	1.5E-02	c**				
				2.0E-02	P						0.1	Triphenylphosphine Oxide	791-28-6	1.3E+03	n	1.6E+04	n	3.6E+02	n		1.5E+00	n					
				2.0E-02	A						0.1	Tris(1,3-Dichloro-2-propyl) Phosphate	13674-87-8	1.3E+03	n	1.6E+04	n	3.6E+02	n		8.0E+00	n					
				1.0E-02	X						0.1	Tris(1-chloro-2-propyl)phosphate	13674-84-5	6.3E+02	n	8.2E+03	n	1.9E+02	n		6.5E-01	n					
2.3E+00	C	6.6E-04	C								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						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						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							Tungsten	7440-33-7	6.3E+01	n	9.3E+02	n	1.6E+01	n		2.4E+00	n					
1.0E+00	C	2.9E-04	C	2.0E-04	A	4.0E-05	A				0.1	Uranium (Soluble Salts)	E715565	1.6E+01	n	2.3E+02	n	4.2E-02	n	1.8E-01	n	4.0E+00	n	3.0E+01	1.8E+00	n	1.4E+01
				2.0E-04	X						0.1	Urethane	51-79-6	1.2E-01	c	2.3E+00	c	4.2E-02	c	2.5E-02	c						
				8.3E-03	P						0.026	Vanadium Pentoxide	1314-62-1	4.6E+02	c**	2.0E+03	c**	3.4E-04	c*	1.5E-03	c*	1.5E+02	n				
				5.0E-03	S	1.0E-04	A				0.026	Vanadium and Compounds	7440-62-2	3.9E+02	n	5.8E+03	n	1.0E-01	n	4.4E-01	n	8.6E+01	n	8.6E+01	n		
				1.0E-03	I							Vernolate	1929-77-7	7.8E+01	n	1.2E+03	n	1.1E+01	n		8.9E-03	n					
				1.2E-03	O						0.1	Vinclozolin	50471-44-8	7.6E+01	n	9.8E+02	n	2.1E+01	n		1.6E-02	n					
				1.0E+00	H	2.0E-01	I	V			2.8E+03	Vinyl Acetate	108-05-4	9.1E+02	n	3.8E+03	ns	2.1E+02	n	8.8E+02	n	4.1E+02	n	8.7E-02	n		
				3.2E-05	H						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		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						0.1	Warfarin	81-81-2	1.9E+01	n	2.5E+02	n	5.6E+00	n		5.9E-03	n					
				2.0E-01	S	1.0E-01	S	V			3.9E+02	Xylene, p-	106-42-3	5.6E+02	ns	2.4E+03	ns	1.0E+02	n	4.4E+02	n	1.9E+02	n	1.9E-01	n		